

UNIVERSITY OF THE PHILIPPINES VISAYAS



LAND USE DEVELOPMENT AND INFRASTRUCTURE PLAN 2021-2030

Miagao Campus 2023

Edited by Rhodella Ibabao, Rio Lemana, Michelle Ann Loredo, Alan Dino Moscoso
Frances Marie Nievaes, Christian Rodeo Pancrudo, & Mark Andrew Parcia



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MASTER DEVELOPMENT PLAN 2021-2030 MIAGAO CAMPUS

PREFACE

The Land Use Development and Infrastructure Plan (LUDIP) for the Miagao campus is a document that represents the culmination of field studies, analyses, and recommendations about the nature of future development in UPV Miagao campus from 2021-2030. The document provides an inventory of existing land use, a summary of goals and objectives, an analysis of demographic conditions, and a description of long range plans and projects for land uses, zoning, and infrastructure. Initial planning efforts to develop a campus master plan were undertaken in 1995. In 2021, planning efforts were made to review existing documents and create a Land Use Development and Infrastructure Plan to comply with RA 11396 (LUDIP Act) or the SUCS Land Use Development and Infrastructure Plan. The UP Board of Regents approved the LUDIP for the Miagao campus during its 1374th meeting on September 29, 2022.

With the BOR approval, the Plan will serve as:

- a unified statement of desirable development policies;
- a framework to guide the orderly growth and development of the campus while protecting and enhancing important open spaces and historic and cultural landscapes in the context of an inclusive and participatory planning process;
- an information document for the university's constituents, local elected officials, investors, and other interest groups concerning the key programs and projects related to instruction, research, and public service; and,
- a reference material when reviewing site plan proposals.

A supplementary zoning regulation will be drafted to complement the LUDIP as to how property in specific zones can be used according to specific uses, lot size, placement, density, and the height of structures.



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CHAPTER 1: Profile of University of the Philippines Visayas and of Miagao Campus

1.1 Introduction

1.1.1 Brief Profile

The UPV Miagao campus was created as an autonomous member of the UP System through EO No. 628, signed by President Marcos pursuant to PD 1200 (Philippine Development Plan). Its creation was a response to the need for a national center of excellence for fisheries and marine sciences with the mission to help promote and accelerate the development of the region and the country.

Quick facts about the UPV Miagao Campus

Land area: 1,222 hectares as per boundary survey in 1995

Administrative coverage: thirteen (13) barangays of Miagao LGU, namely: Bacauan, Bugtong Lumangan, Diday, Igpajo, Lumangan, Malagyan, Mambatad, Mat-y, Palaca, Paroon, Sag-on, Sapa, and Tacas.

All UP Miagao lots were acquired by purchase of lots from the landowners

Brief history of the SUC and its campuses

The University of the Philippines (UP) in Iloilo was established right after World War II, on 18 December 1945 through a resolution of the Municipal Board of Iloilo. Officially opening in July 1947, the University of the Philippines Iloilo College (UPIC) became the first campus of UP in Iloilo City. Its initial offering was for the third and fourth-year students and the first and second-year college levels. It became a full-fledged college in 1954, changing its name to UP College Iloilo (UPCI). It started offering undergraduate and graduate degree programs, and a complete high school.

Table 1- 1. Timeline of the Establishment of UPV

Timeline	Keynotes
1947	UPV was established in Iloilo City
1948	UPIC was given 41 lots and 1 building by the Iloilo City Government thru a Deed Donation
1954	UPIC was renamed UP College Iloilo
1965	UP has 11 land grants in Visayas, Mindanao and Luzon thru RA 4514 (established the Institute of Fisheries Development and Research within the College of Fisheries)
1973	The University of the Philippines Visayas Tacloban College in Tacloban City was established as one of the regional units of the UP system during the 833 rd meeting of the UP Board of Regents on July 2, 1973.

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Timeline	Keynotes
1975	UPV was conceived to be an autonomous unit that would become the Philippine's premiere institution for fisheries and marine science education and research during the term of UP President Onofre D. Corpus. UPV was conceived to be an autonomous unit that would become the Philippine's premiere institution for fisheries and marine science education and research during the term of UP President Onofre D. Corpus.
1978-1982	Region VI -Western Visayas was established as the site of the new UP unit under the Philippines Five – Year Development Plan.
1979	The University of the Philippines in the Visayas became an autonomous unit during the 914 th meeting of the Board of Regents (May 31).
1980	UP Visayas was operationalized with its main campus in Magao and the College of Fisheries as its flagship college thru Executive Order No. 628 by President Ferdinand Marcos (October 30).
1981	The site development and construction of the Magao Campus through the Sixth Educational Loan of the Philippine Government was approved by the World Bank (September).
1983	UPV underwent reorganization thru EO 9 for the following Executive Offices: Office of the Chancellor, Office of the Vice Chancellor for Planning and Development, Office of the Vice Chancellor for Administration, and Office of the Vice Chancellor for Academic
1986	Integration of regional campuses of UP Cebu College (renamed UP Visayas Cebu College) and UP Tacloban College (UP Visayas Tacloban College) under the UP Visayas administration
May 1988	Reorganization of UPV Magao Campus Former departments became institutes (Institute of Aquaculture, Institute of Fish Processing Technology, Institute of Marine Fisheries and Oceanology, and Institute of Fisheries Policy and Development Studies)
1988	The College of Fisheries transferred to Magao campus under Chancellor Rogelio Juliano and Dean Efren Ed C. Flores.
June 1990	The College of Arts and Sciences-Division of Humanities and Division of Social Sciences and School of Technology transferred from Iloilo City to Magao during the term of Chancellor Francisco Nemenzo (June). The College of Fisheries library collection was transferred to the Library Museum during the term of Chancellor Francisco Nemenzo
May 1993	The Division of Physical Sciences and Mathematics and the Division of Biological Sciences transferred from the city campus to Magao. The Office of the Dean and the complete transfer of the College of Arts and Sciences from Iloilo City to Magao took place in May 1993.
July 25, 2001 UP Visayas's 55 th Foundation Day	Diwata ng Dagat, a sculpture made by Napoleon V. Abueva, was unveiled on the university's 55 th Foundation Day (July 25). The sculpture has become a landmark of the UPV campus.
September 24, 2010	The Board of Regents declared the University of the Philippines Cebu College as an autonomous unit under the Office of the President of the University effective January 2011. UP in Magao continues as the flagship Campus in Visayas.

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Timeline	Keynotes
2020	The UP Visayas Extension Campus in Pandan, Antique is given to UP Visayas to manage the property with the UP system as the owner during the 1353 rd special meeting of the UP Board of Regents on Sept 2.

Source: UPV Miagao CLUP 2015 and UPV IPO, undated; Integrity, Nationalism, and Environmental Stewardship...through the years Brochure; UPV EO 9-1983

The Republic Act of 4514 has authorized the Institute of Fisheries and Research under the College of Fisheries to maintain experiment and demonstration stations with field offices at suitable places in the Philippines. Full ownership was given to the University of the Philippines for suitable parcels of public land along the coast not otherwise reserved and not exceeding five hundred hectares per parcel in each of the following places: Rizal, Bataan, Sorsogon, Cagayan, Pangasinan, Polillo Island, Panay Island, Palawan, Sulu, Leyte and Davao (Section 5, RA 4514).

The University of the Philippines Visayas also manages a property in Taklong Island, Guimaras province. UP was given tenurial rights on the donated lot of 1.6 hectares. The property is part of the Taklong Island National Marine Reserve (TINMar), one of the 372 designated marine protected areas in the Philippines (Marine Conservation Institute, 2019). It was declared as a protected landscape and seascape in 1990 under Presidential proclamation No. 525 and was one of the core sites of the National Integrated Protected Areas System (NIPAS), also known as the Republic act 7586 of 1992¹.

As the national university (UP Charter, Republic Act 9500), UP shall perform its unique and distinctive leadership in higher education and development. It shall:

1. Lead in setting academic standards and initiating innovations in teaching, research and faculty development.
2. Serve as a graduate university.
3. Serves as a research university in various fields of expertise and specialization.
4. Lead as a public service university.
5. Protect and promote the professional and economic rights and welfare of its academic and non-academic personnel.
6. Provide opportunities for training and learning in leadership, responsible citizenship, and the development of democratic values, institutions and practice.
7. Serve as a regional and global university in cooperation with international and scientific unions, network of universities, scholarly and professional associations in the Asia – Pacific region and the world.
8. Provide democratic governance in the University (Source: UP Charter, Republic Act, 9500).

As of 2021, the University of the Philippines Visayas has three degree-granting campuses, namely, Iloilo City, Miagao and UPV Tacloban College.

¹<https://www.apn-gcr.org/wp-content/uploads/2020/09/4d31a312d25053a4141fadce60bd2160.pdf>

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UPV CAMPUS LOCATIONS & PROGRAMS

- A. Miagao Campus
 - Land Area: 1,223 has
 - No. of Units: 3 degree-granting colleges/school
 - No. of Courses: 17 undergraduate programs, 7 graduate programs
- B. Iloilo City Campus
 - Land Area: 10.8663 has.
 - No. of Units: 1 degree granting college
 - No. of Courses: 3 undergraduate programs, 16 graduate programs, 1 diploma program, Secondary Education Program, Extension College of Law and College of Education
- C. UPV Extension Campus Pandan, Antique
 - Land Area: 856 sq. meters
(Construction of Phase 1 to be finished by December 2022)
- D. Tacloban and Sta. Elena Campuses

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UPV CAMPUS LOCATIONS & PROGRAMS



Figure 1-1. UPV Campus Locations and Programs

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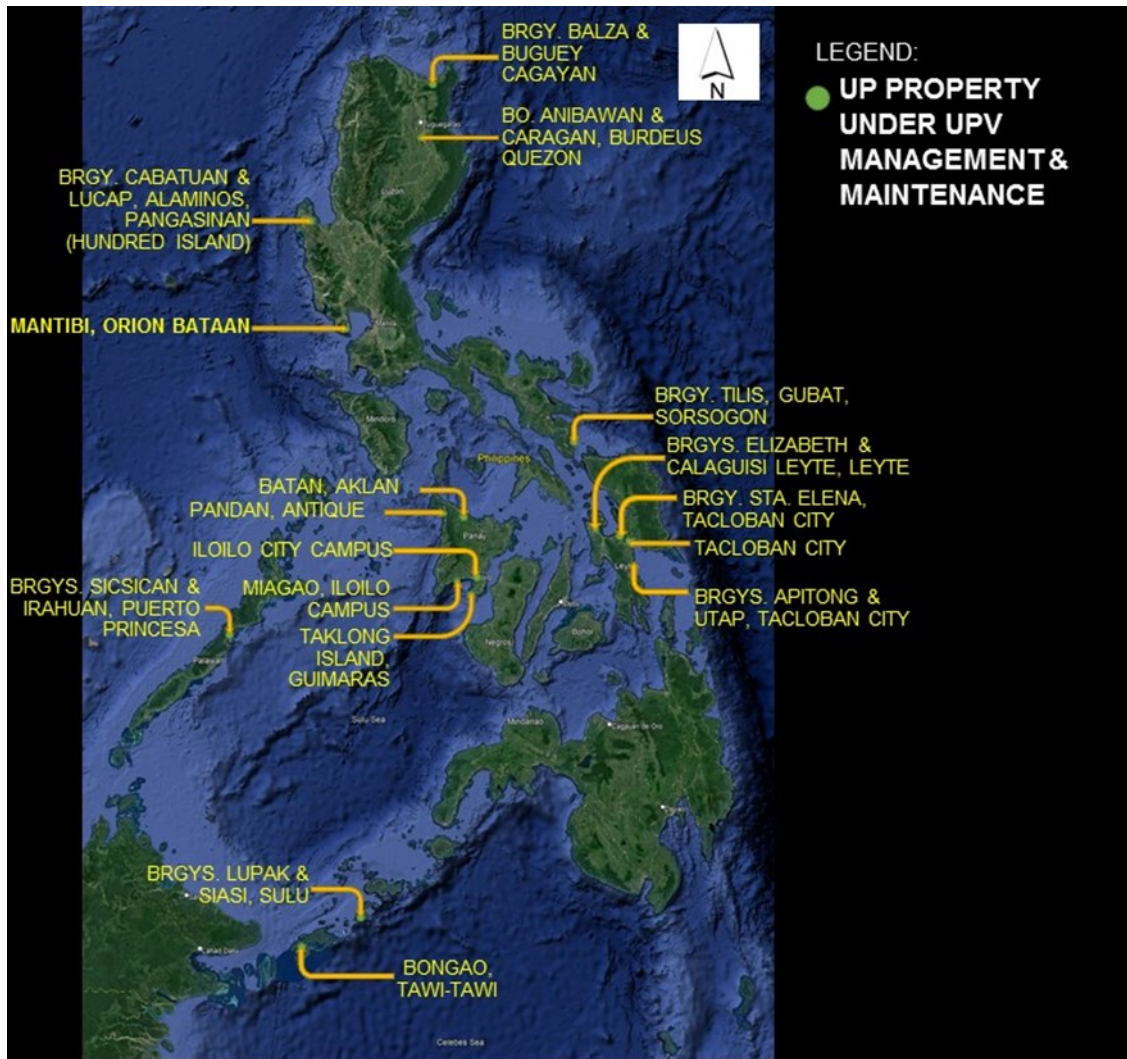


Figure 1-2. UP System Property under UPV System Management and Operations

Current Governing Board and inter-departmental bodies

The current organizational structure of the University of the Philippines Visayas was created thru EO 09-1983 and by later issuances by the UP Board of Regents. The structure represents the executive offices and colleges that perform core functions and were created through a BOR approval or were created by law. There are committees and teams that perform add-on functions in support of those offices and colleges performing line functions. The Chancellor issues administrative orders for the creation of these committees and teams.

Executive Officials

Chancellor: Dr. Clement C. Camposano

Vice Chancellor for Academic Affairs: Dr. Philip Ian P. Padilla

Vice Chancellor for Administration: Prof. John Lorenz Belanio

Vice Chancellor for Planning and Development: Dr. Rhodella A. Ibabao

Vice Chancellor for Research and Extension: Dr. Harold M. Monteclaro

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Officials under the Office of The Chancellor

Project Development Assistant - Mass Media and Communication: Dr. Zoilo S. Andrada, Jr.
Project Development Assistant – Biodiversity: Dr. Resurreccion B. Sadaba
Project Development Assistant – Antique: Ms. Anna Razel L. Ramirez
Project Development Assistant – DRRM and Climate Change: Prof. Jessica A. Dator-Bercilla
Director, Ugnayan ng Pahinungod: Prof. Ruben M. Gamala
Officer-in-charge, Office of Legal Services: Atty. Nellie Jo. P. Aujero-Regalado
Director, Office of the Alumni relations: Dr. Rey Carlo T. Gonzales
Director, Information and Publications Office: Prof. Julie. E. Prescott
Director, Office of Initiatives for Culture and the Arts: Prof. Martin G. Genodepa
Coordinator, Office of Anti-Sexual Harassment: Dr. Farisal U. Bagsit

Officials under the Office of the Vice Chancellor for Academic Affairs

Assistant to the VCAA - Learning Management System: Prof. Nilo C. Araneta
Assistant to the VCAA - International Linkages: Dr. Johnrev B. Guilaran
Assistant to the VCAA - Academic Assessment and Development: Prof. Steve P. Janagap
University Registrar, Office of the University Registrar: Prof. Nieves A. Toledo
University Librarian, University Library: Ms. Analiza G. Linaugo
Director, Graduate Program Office: Dr. Rowena Paz L. Gelvezon
Director, Office of Student Affairs: Prof. Agustin G. Huyong
Coordinator, Student Organization and Activities: Prof. Pilar Mercedes A. Retiracion
Director, Teaching and Learning Resource Center: Prof. Lindley Kent M. Faina
Director, National Service Training Program: Prof. Nathaniel G. Samson

Officials under the Office of the Vice Chancellor for Administration

Assistant to the VCA: Prof. Frediezel G. De Leon
Chief Accountant, Accounting Office: Ms. Jocelyn T. Genesila
Chief, Campus Development and Maintenance Office: Engr. Rolando S. Jamero
Chief, Cash Office: Ms. Maureen Kay C. Ongo
Chief, Health Services Unit: Dr. Ma. Cecilia C. Villaruz
Chief, Human Resources Development Office: Ms. Ella O. Tidon
Chief, Supply and Property Office: Prof. Emeliza C. Lozada
Coordinator, Data Information Systems Program: Prof. Rhea J. Subong
Chief, Auxiliary Services Office: Ms. Mary Lyncen M. Fernandez
Chief, Security Services Office: Mr. Raymund G. Gemarino

Officials under the Office of the Vice Chancellor for Planning and Development

Assistant to the VCPD: Prof. Eldred John C. Abacan
Assistant to the VCPD - Site Development and Reforestation Project: Prof. Diane Paguntalan

Officials under the Office of the Vice Chancellor for Research and Extension

Assistant to the VCRE - Regional Research Center and Director, Philippine Genome Center – Visayas: Dr. Victor Marco Emmanuel N. Ferriols
Director, National Institute of Molecular Biology and Biotechnology: Dr. Augusto E. Serrano, Jr.
Director, Gender and Development Program Office: Prof. Ysabella P. Cainglet
Director, Office of the Continuing Education and Pahinungod: Prof. Benmar B. Panaguiton
Director, Sentro ng Wikang Filipino: Prof. Jose Julie E. Ramirez

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Officials Under the Office of the College of Fisheries and Ocean Sciences (CFOS)

Dean – Prof. Encarnacion Emilia S. Yap
College Secretary – Dr. Liah C. Catedrilla
Director, Institute of Aquaculture - Dr. Rex Ferdinand M. Trafalgar
Director, Institute of Fish Processing Technology - Dr. Sharon N. Nunal
Director, Institute of Fisheries Policy and Development Studies - Prof. Caridad N. Jimenez
Director, Institute of Marine Fisheries and Oceanology – Dr. Sheila Mae Santander-de Leon
Museum - Prof. Dominique P. Mediodia
Museum – Ms. Soledad S. Garibay
Station Head, Leganes BAC - Ms. Rosy L. Janeo
Station Head, Batan Mariculture Station – Engr. Reynold J. Jaspe
Station Head, Freshwater Aquaculture Station - Mr. Alan N. Failaman

Officials Under the Office of the College of Arts and Sciences

Dean – Dr. Alice Joan G. Ferrer
Associate Dean – Prof. Nilo C. Araneta
College Secretary-Prof. Steve P. Jaganap
Chairperson, Department of Chemistry – Dr. Josie B. Rojo
Head, Department of Physical Education – Prof. Catherine B. Anecita
Chairperson, Division of Biological Sciences – Dr. Wilfredo L. Campos
Chairperson, Division of Humanities – Prof. Jude Vincent E. Parcon
Chairperson, Division of Physical Sciences and Mathematics – Dr. Arnel L. Tampos
Chairperson, Division of Professional Education – Prof. Pepito R. Fernandez, Jr.
Chairperson, Division of Social Sciences – Prof. Brian C. Ventura
Principal, UP High School in Iloilo – Prof. Alfredo B. Diaz
Director, Center for West Visayan Studies – Dr. Randy M. Madrid
Faculty-in-Charge, Language Program – Prof. Jessie L. Labiste, Jr.
Director, Community Outreach Program/BIDANI – Prof. Josephine T. Firmase
Station Head, UPV Marine Biological Station – Prof. Marie Frances J. Nievales

Officials Under the Office of the College of Management

Dean – Prof. Christopher B. Honorario
College of Secretary – Prof. Duvince Zhalimar J. Dumpit
Chairperson, Department of Accounting – Prof. Ma. Piedad A. Palacios
Chairperson, Department of Management – Prof. Melanie R. Sartorio

Officials Under the Office of the School of Technology

Dean – Dr. Ramer P. Bautista
School Secretary – Prof. Francis Eric P. Almaquer

Officials Under the Office of the UPV Tacloban College (UPVTC)

Dean - Dr. Patricia B. Arinto
Associate Dean – Prof. Arvin L. de Veyra
College Secretary – Prof. Irma R. Tan
Chair, Division of Humanities and Physical Education - Prof. Jessa A. Amarille
Chair, Division of Management – Dr. Virgildo E. Sabalo
Chair, Division of Natural Sciences and Mathematics – Dr. Eulito V. Casas, Jr.
Chair, Division of Social Sciences - Prof. Ruth Edisel Rylle S. Cercado
Director, Leyte-Samar Heritage Center - Dr. Stephen Q. Lagarde
Coordinator, Office of Student Affairs - Prof. Ervina A. Espina

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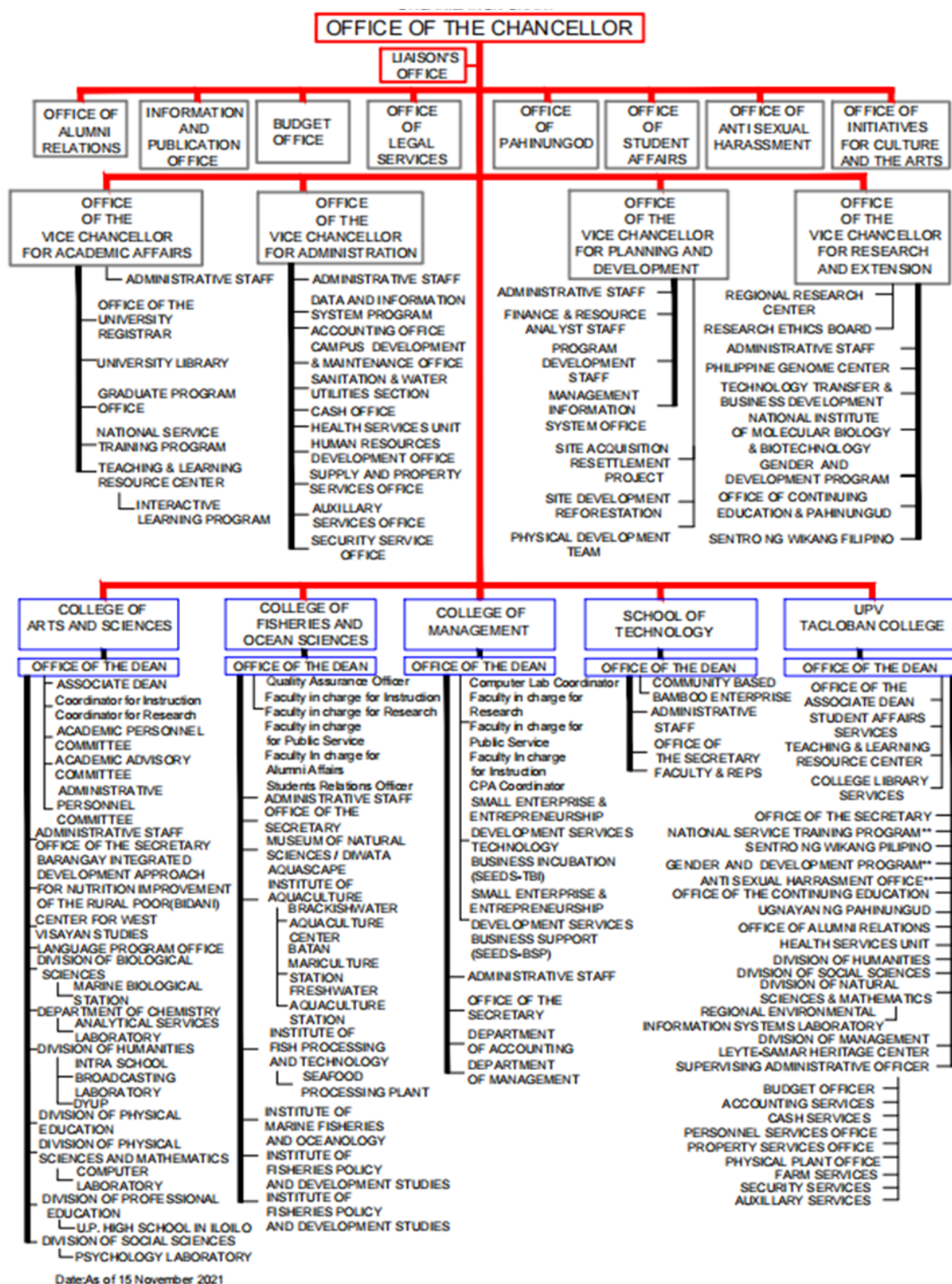


Figure 1– 3. UPV Organizational Chart

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Academic Programs Offered

The list of programs offered was sourced from the CRS (updated as of August 19, 2019).

Masters Programs

- Master of Management (MM)
 - Public Management
 - Business Management
- Diploma in Urban and Regional Planning (DURP)
- Master of Education (MEd) [non-thesis programs with Plans A & B]
 - Biology
 - English as a Second Language
 - Guidance
 - Mathematics
 - Physics
 - Reading
 - Social Studies
- Master of Chemistry (MChem) [non-thesis programs with Plans A & B]
- Master of Science in Biology (MS Biology) [with thesis]
- Master of Science in Environmental Science (MSES) [with thesis]
- Master of Science in Food Science (MSFS) [with thesis]
 - Food Chemistry
 - Food Microbiology
 - Food Engineering
 - Food Processing
- Ph.D. in Fisheries
- Master of Science in Fisheries (MSF) [with thesis]
- Aquaculture
 - Fisheries Biology
 - Fish Processing Technology
- Master of Science in Ocean Sciences (MSOS) [with thesis]
- Master of Marine Affairs (MMA)
- Master of Aquaculture (MAq) [non-thesis program]
- Professional Masters in Tropical Marine Ecosystems Management (PM-TMEM)

Undergraduate Programs

- BA (Communication & Media Studies)
- BA (Community Development)
- BA (History)
- BA (Sociology)
- BA in Communication and Media Studies
- BA in Literature
- BA in Political Science
- BA in Psychology
- BS (Biology)
- BS Accountancy (4.5 yrs)
- BS Applied Mathematics
- BS Business Administration (Marketing)
- BS Chemical Engineering
- BS Chemistry
- BS Computer Science
- BS Economics

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Secondary Education Programs

UP High School

Academic Track

ABM Strand (Accountancy, Business, Management);

HUMSS Strand (Humanities and Social Sciences);

STEM Strand (Science, Technology, Engineering, Mathematics)

Recognition and Awards

The university has received local and international recognitions and awards in a variety of scholastic and public service initiatives. It has also received awards for Centre of Excellence in Fisheries Education and National University of Fisheries confirming the flagship program of the University.

Table 1- 2. Recognitions Conferred to the University

Type of Assessment	Program	Assessing/ Accrediting Body	Recognition Received	Date Conferred	Validity Period
Institutional	College of Fisheries and Ocean Sciences	Commission on Higher Education (CHED)	Centre of Excellence in Fisheries Education*	01 January 2016	present
Institutional	College of Fisheries and Ocean Sciences	Commission on Higher Education – National Agriculture and Fisheries Educational System (CHED-NAFES)	National University of Fisheries**	19 June 2009	present

* as per CHED CMO No. 38, series of 2015, as amended by CHED CMO No. 03, series of 2019

** as per CHED CMO No. 18, series of 2009

1.2 Demographic Profile of the SUC and its campuses

1.2.1 Description of Campus Properties

The acquisition of land properties for the campuses in UP Visayas vary. The Miagao campus was acquired thru purchase of lots from landowners. The Iloilo City property was acquired thru a Deed of Donation by the Iloilo City government. Both properties are currently classified as alienable and disposable lots by the local government units. The land property in Taklong Island, Guimaras Province was donated by a private land owner to be used for research purposes. The property is part of the declaration as a Marine Protected Areas in the Philippines. The university has a newly acquired land property in Pandan, Antique thru a donation of private individuals and will be used in holding extension courses. The land properties acquired thru RA 4514 and are found in other parts of Visayas, Luzon, and Mindanao have been identified as forests, mangroves, fishpond, partly residential, and unclassified public land.

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Table 1- 3. Details of the properties managed by UPV

No.	CLASSIFICATION	LOCATION	TOTAL AREA		MODE OF ACQUISITION
			Has.	Sq. Mtrs.	
1	Campus Site, Research Agro-forestry	Miagao, Iloilo	13	128,733	Acquired thru Deed of Absolute Sale between UP and the land-owner/s (lots are titled to landowners prior to UP purchase)
2	Campus Site, Research Agro-forestry	Miagao, Iloilo	281	2,808,147	Acquired thru Deed of Absolute Sale (with Pres. Proclamation No. 306 and Special Patent No. 3631 dated April 29, 2002)
3	Campus Site, Research Agro-forestry	Miagao, Iloilo	227	2,272,528	Acquired thru Deed of Absolute Sale (with Pres. Proclamation No. 866)
4	Campus Site, Research Agro-forestry	Miagao, Iloilo	54	539,045	Acquired thru Deed of Absolute Sale between UP and the land-owner/s
5	Campus Site, Research Agro-forestry	Miagao, Iloilo	647	6,473,767	Not yet acquired (unpaid)
3	SUB-TOTAL, UPV MIAGAO CAMPUS		12,222,220		
6	Campus Site, Arts and Culture, Residential	Iloilo City, Iloilo	6.5066	65,066	Donated by the Iloilo City Government December 4, 1952
	SUB-TOTAL, UPV ILOILO CITY CAMPUS		65,066		
7	Campus Site, Research Areas	Taklong Island, Guimaras	1.6174	16,174	Deed of Donation made and executed by Antonio G. Ortiz and Santiago Pitpitan of Bo. La Paz, Municipality of Nueva Valencia, Guimaras in favor of UP Visayas dated Jan. 31, 1964. Presidential Proclamation No. 525 dated Feb. 8, 1990.
	SUB-TOTAL, TAKLONG ISLAND NATIONAL MARINE SANCTUARY		1.6174	16,174	

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No.	CLASSIFICATION	LOCATION	TOTAL AREA		MODE OF ACQUISITION
			Has.	Sq. Mtrs.	
8	Research, Fishponds, Mangroves	1. Brgy. Camaligan, Batan, Aklan	106	1,064,263	Republic Act No. 4514 approved June 19, 1965
9	Fishpond, Residential, Agricultural, Mangroves, Municipal Road, Taberna River	2. Brgs. Poblacion, Elizabeth, Calaguisi, Leyte, Leyte	319	3,193,434	Republic Act No. 4514 approved June 19, 1965
10	Mangroves	3. Brgy. Anibawan & Carglaga, Burdeos, POLILO ISLAND, Quezon	459	4,590,434	Republic Act No. 4514 approved June 19, 1965
11	Mangroves	4. Brgy. Tiris, Gubat, Sorsogon	398	3,983,402	Republic Act No. 4514 approved June 19, 1965
12	Mangroves	5. Brgys. Sicsian & Irawan, Puerto Prince-sa, Palawan	57	574,564	Republic Act No. 4514 approved June 19, 1965
13	Magroves	6. Brgys. Cabatuan & Lucap, Alaminos, Pangasinan	115	1,154,841	Republic Act No. 4514 approved June 19, 1965
14	Forest, Mangroves	7. Bo. Balza, Buguey, Cagayan	80	800,000	Republic Act No. 4514 approved June 19, 1965
15	Forest, Mangroves	8. Mantigbi, Orion, Bataan	300	3,000,000	Republic Act No. 4514 approved June 19, 1965
16	Forest, Mangroves	9. Bo. Lupak, Siasi, Sulu	175	1,750,000	Republic Act No. 4514 approved June 19, 1965
17	Unclassified Public Land	10. Bongao, Tawi-Tawi	75	3,750,000	Republic Act No. 4514 approved June 19, 1965
SUB-TOTAL, RA 4514			3,860,938		
18	Residential/ Institutional	Brgy. Nauring, Pandan, Antique	0.05	500	Deed of donation made and executed by the donors on October 30, 2020; BOR Approval, 1353rd Meeting, 2 September 2020
SUB-TOTAL, Pandan, Antique			500		
TOTAL LAND AREA			6,164,898		

Notes: Land use classification and area estimates of properties require updating and further verification. Not in the details above in reference to RA 4514 (Sec. 5) - Rizal and Davao. The property in Batan, Aklan is referred to as the "property in Panay Island" in RA 4514. The property in Brgy. Anibawan & Carglaga, Burdeos, Quezon is referred to as the "property in

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1.2.2 Demographic Profile

Employment data from 2011-2016 shows that the maximum number of personnel UPV has accommodated at a given academic year is in 2013-2014, with 704 personnel (576 permanent and 132 contractual). The Central Administration has the most number of personnel. In terms of faculty population, the College of Arts and Sciences accommodates the most number of faculty. The college with the most number of reps and Admin personnel is the CFOS (see Table 1-2 and Table 1-3).

The decrease in population starting in 2017 was due to the implementation of the K-12. The decrease in population in 2020 is largely due to the onset of the pandemic.

1.2.1.1 General Population

Table 1- 4. UP Visayas Employees Population 2011-2014

Employees	AY 2011-2012				AY 2012-2013				AY 2013-2014			
	Regular/ Permanent		Contractual		Regular/ Permanent		Contractual		Regular/ Permanent		Contractual	
	F	M	F	M	F	M	F	M	F	M	F	M
Faculty Members												
College Of Fisheries & Ocean Sciences	13	18			15	17			12	16	2	
College Of Arts & Sciences	87	61	8	4	87	66	8	4	76	62	21	15
College Of Management	19	10			20	10			20	10	2	1
School Of Technology	9	1			9	2			7	1	5	1
Reps & Admin												
College Of Fisheries & Ocean Sciences	40	63	2	7	38	60		6	39	57		8
College Of Arts & Sciences	17	15	5	3	17	14	4	3	16	13	6	4
College Of Management	6	3			6	3			6	3		
School Of Technology	1	4	1	0	1	4	1		1	4	1	
Central Administration	148	91	28	31	148	89	25	34	145	84	33	33
Total for colleges	192	175	16	14	193	176	13	13	177	166	37	29
Total For UPV	340	266	44	45	341	265	38	47	322	250	70	62
Total per employee group		606		89		606		85		572		132

Source: UPV HRDO, 2021

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Table 1- 5. UP Visayas Employees Population 2014-2016 (cont'd...)

Employees	AY 2014-2015				AY 2015-2016			
	Regular/ Permanent		Contractual		Regular/ Permanent		Contractual	
	F	M	F	M	F	M	F	M
Faculty Members								
College Of Fisheries & Ocean Sciences	18	18			18	18		
College Of Arts & Sciences	83	75	13	7	76	71	18	17
College Of Management	24	10			24	10		
School Of Technology	9	3	2		9	3	1	1
Reps & Admin								
College Of Fisheries & Ocean Sciences	39	55		7	37	53		6
College Of Arts & Sciences	14	13	5	3	13	13	6	3
College Of Management	6	2			6	2		
School Of Technology	1	4	1		1	4	1	
Central Administration	146	83	31	31	138	80	31	32
Total for Colleges	194	180	21	17	184	174	26	27
Total For UPV	340	263	52	48	322	254	57	59
Total per employee group		603		100		576		116

Source: UPV HRDO, 2021

Table 1- 6. UP Visayas Employees Population 2016-2018 (cont'd...)

Employees	AY 2014-2015				AY 2015-2016			
	Regular/ Permanent		Contractual		Regular/ Permanent		Contractual	
	F	M	F	M	F	M	F	M
Faculty Members								
College Of Fisheries & Ocean Sciences	19	16	1	0	16	15	1	0
College Of Arts & Sciences	70	72	19	12	73	69	26	16
College Of Management	20	11	0	0	19	12	0	0
School Of Technology	8	2	3	1	8	2	2	1
Reps & Admin								
College Of Fisheries & Ocean Sciences	36	49	4	5	42	50	2	5
College Of Arts & Sciences	18	12	3	3	20	15	4	6
College Of Management	6	4	0	0	7	4	0	0
School Of Technology	1	4	1	1	2	3	0	1
Central Administration	139	88	30	27	153	94	28	30
Total for Colleges	178	170	31	22	187	170	35	29
Total For UPV	317	258	61	49	340	264	63	59
Total per employee group		575		110		604		122

Source: UPV HRDO, 2021

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Table 1- 7. UP Visayas Employees Population 2018-2021 (concluded...)

Employees	AY 2018-2019				AY 2012-2013				AY 2013-2014			
	Regular/ Permanent		Contractu- al		Regular/ Permanent		Contrac- tual		Regular/ Permanent		Contractual	
	F	M	F	M	F	M	F	M	F	M	F	M
Faculty Mem- bers												
College Of Fish- eries & Ocean Sciences	18	19	1	1	19	19	3	2	19	18	3	2
College Of Arts & Sciences	68	66	40	20	68	69	40	24	69	68	37	24
College Of Man- agement	19	11	2	2	17	11	5	2	17	11	5	2
School Of Tech- nology	7	2	3		6	2	3	3	6	2	3	3
Reps & Admin												
College Of Fish- eries & Ocean Sciences	47	48	0	5	51	51	0	0	49	50	0	0
College Of Arts & Sciences	23	15	4	8	23	15	5	8	24	14	5	7
College Of Man- agement	7	3	0	0	7	3	0	0	7	3	0	0
School Of Tech- nology	2	2	0	2	2	2	0	2	2	2	0	2
Central Admin- istration	156	103	36	29	149	104	43	31	151	105	44	30
Total for Colleges	191	166	50	38	193	172	56	41	193	168	53	40
Total For UPV	347	269	86	67	342	276	99	72	344	273	97	70
Total per em- ployee group		616		153		618		171		617		167

Source: UPV HRDO, 2021

The notable decrease in student population from years 2015-2017 is a result of the implementation of K-12 as some programs temporarily discontinued the freshman admission. Admissions to all programs resumed in 2018 and the population has since continued an upward trend in growth.

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Table 1– 8. Summary of UP Visayas Employees Population by Sex and Year

Academic Year	Faculty			REPS and Admins			Central Administration		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
AY 2011-2012	80	103	183	58	47	105	96	135	231
AY 2012-2013	85	111	196	58	48	106	94	137	231
AY 2013-2014	93	111	204	55	45	100	94	137	231
AY 2014-2015	99	106	205	54	44	98	94	131	225
AY 2015-2016	93	99	192	50	45	95	92	134	226
AY 2016-2017	86	106	192	53	51	104	98	133	231
AY 2017-2018	86	106	192	52	51	103	101	136	237
AY 2018-2019	91	116	207	56	62	118	113	158	271
AY 2019-2020	102	120	222	53	65	118	115	159	274
AY 2020-2021	110	127	237	51	64	115	126	167	293

Source: UPV HRDO, 2021

*note: CAS-Division of Professional Education faculty members are excluded in this table.

The notable decrease in student population from years 2015-2017 is a result of the implementation of K-12 as some programs temporarily discontinued the freshman admission. Admissions to all programs resumed in 2018 and the population has since continued an upward trend in growth.

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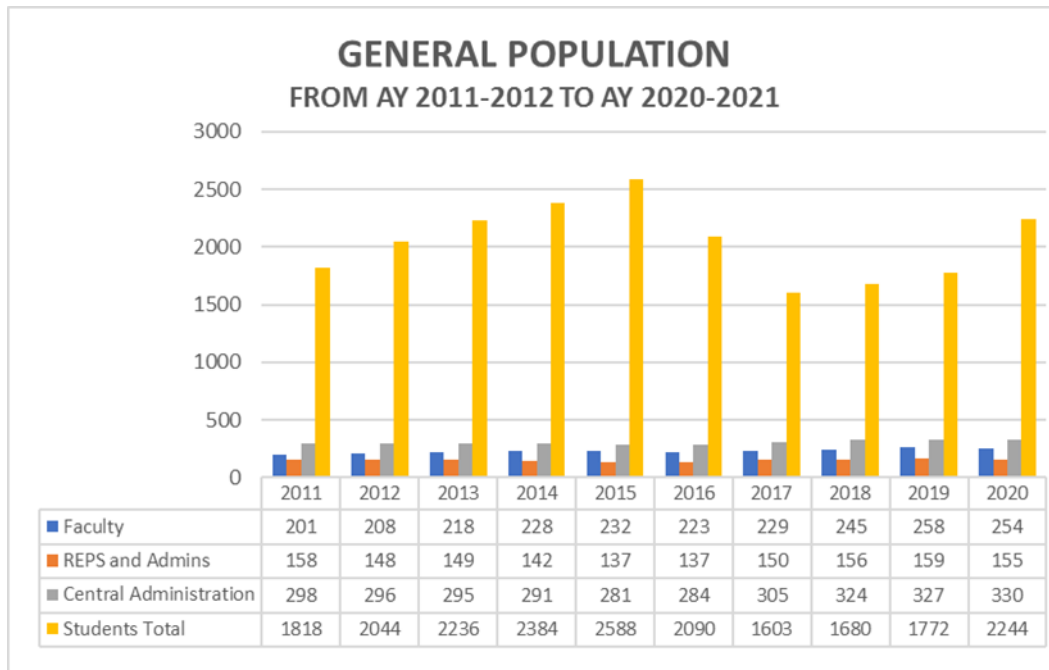


Figure 1– 4. General Population Miagao Campus, AY 2011-2012 to AY 2020-2021.

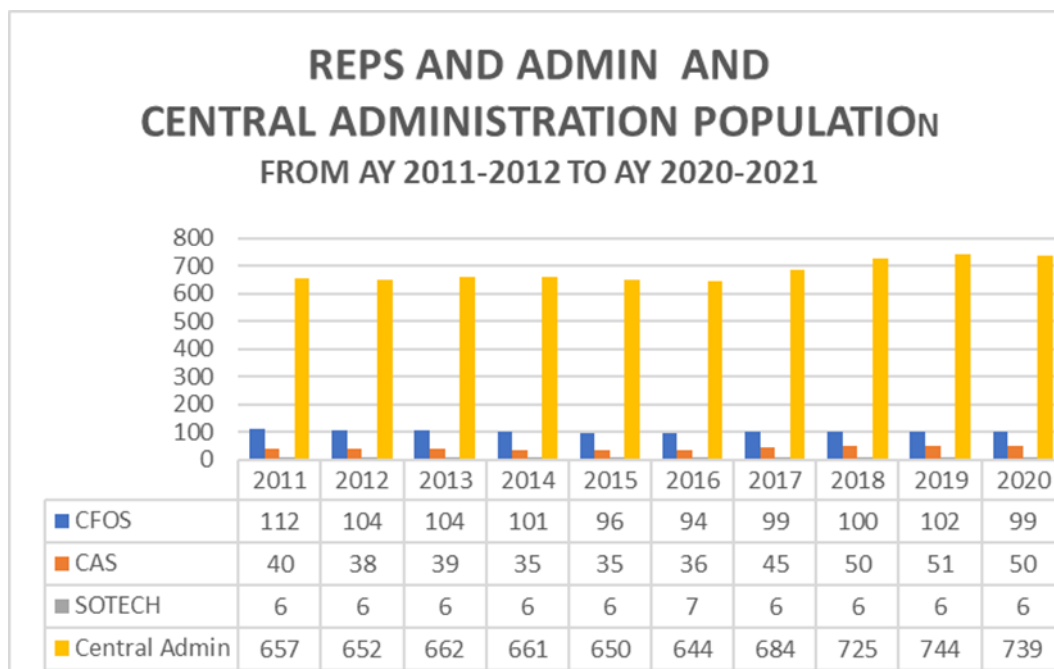


Figure 1– 5. Repts, Admin and Central Administration population Miagao Campus, AY 2011-2012 to AY 2020-2021

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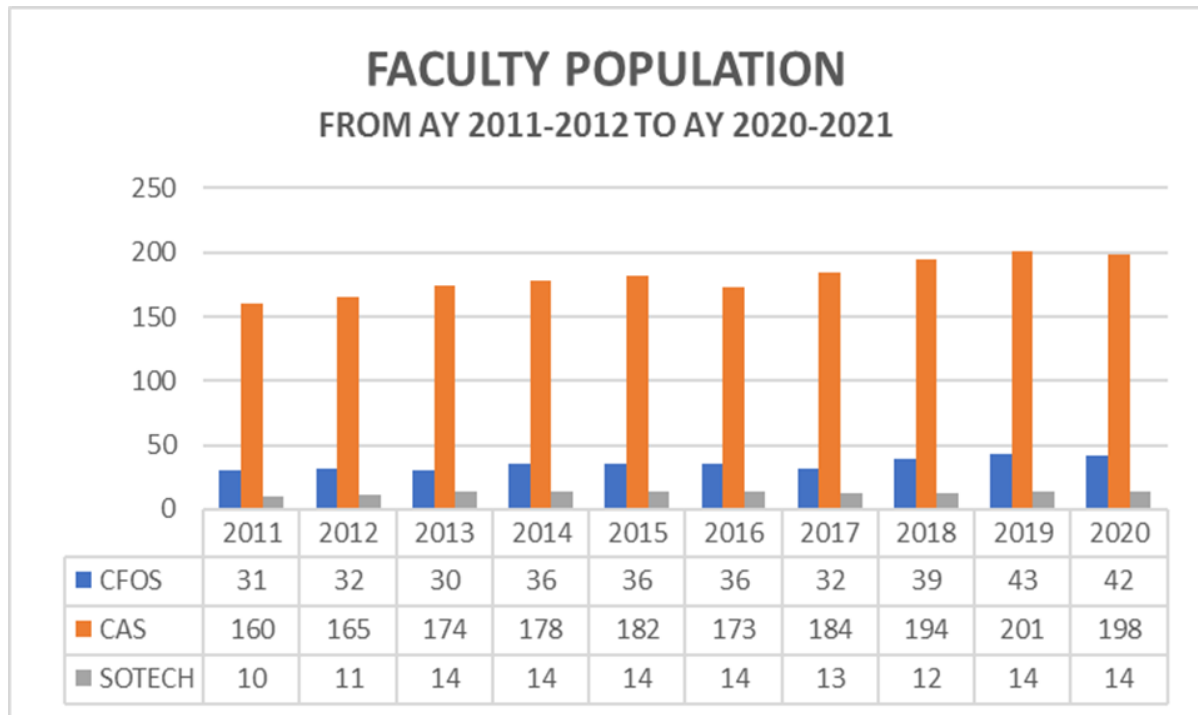


Figure 1– 6. Faculty Population Miagao Campus, AY 2011-2012 to AY 2020-2021

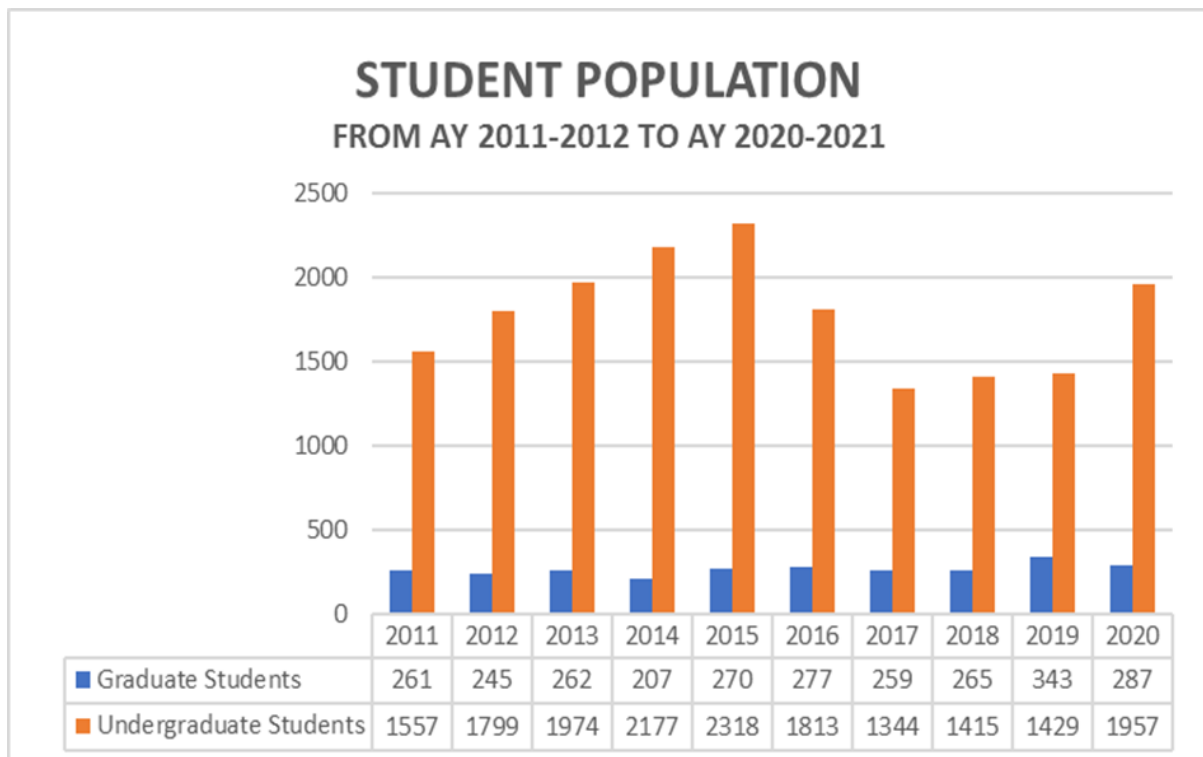


Figure 1– 7. Student Population Miagao Campus, AY 2011-2012 to AY 2020-2021
Source: CRS, 2021

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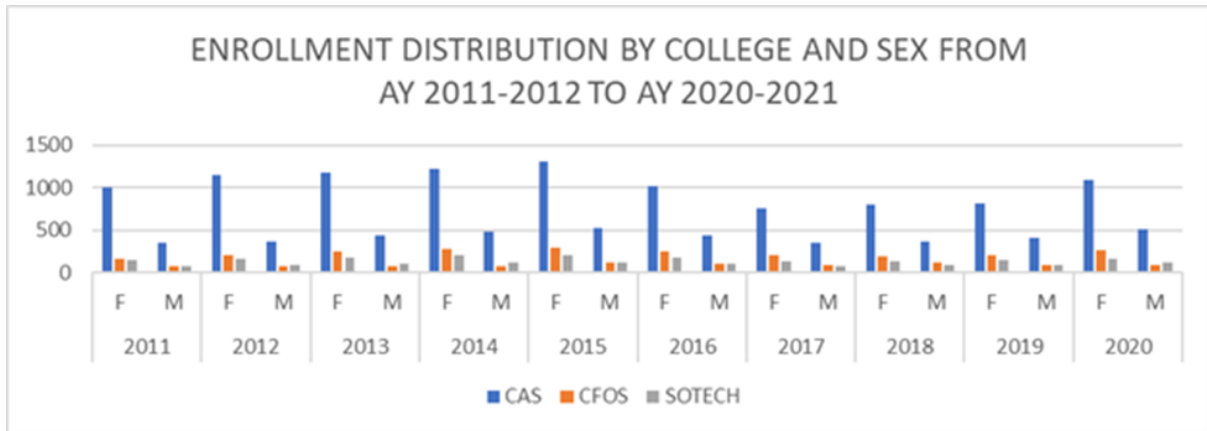


Figure 1– 8. Student Enrollment, AY 2011-2012 to AY 2020-2021
Source: CRS, 2021

Among the three colleges located in Miagao, CAS remains to have the highest number of enrollees, followed by CFOS and the School of Technology. CAS also offers the most number of programs.

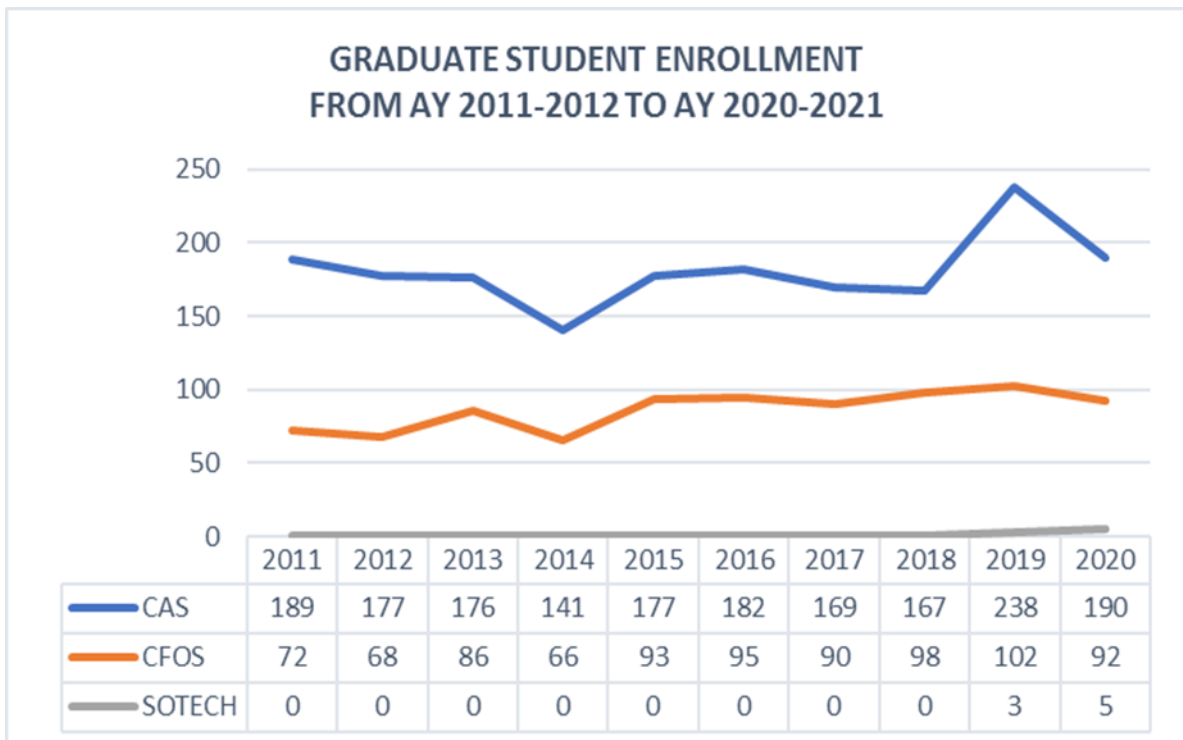


Figure 1– 9. Graduate Student Enrollment, Miagao Campus, AY 2011-2012 to AY 2020-2021
Source: CRS, 2021

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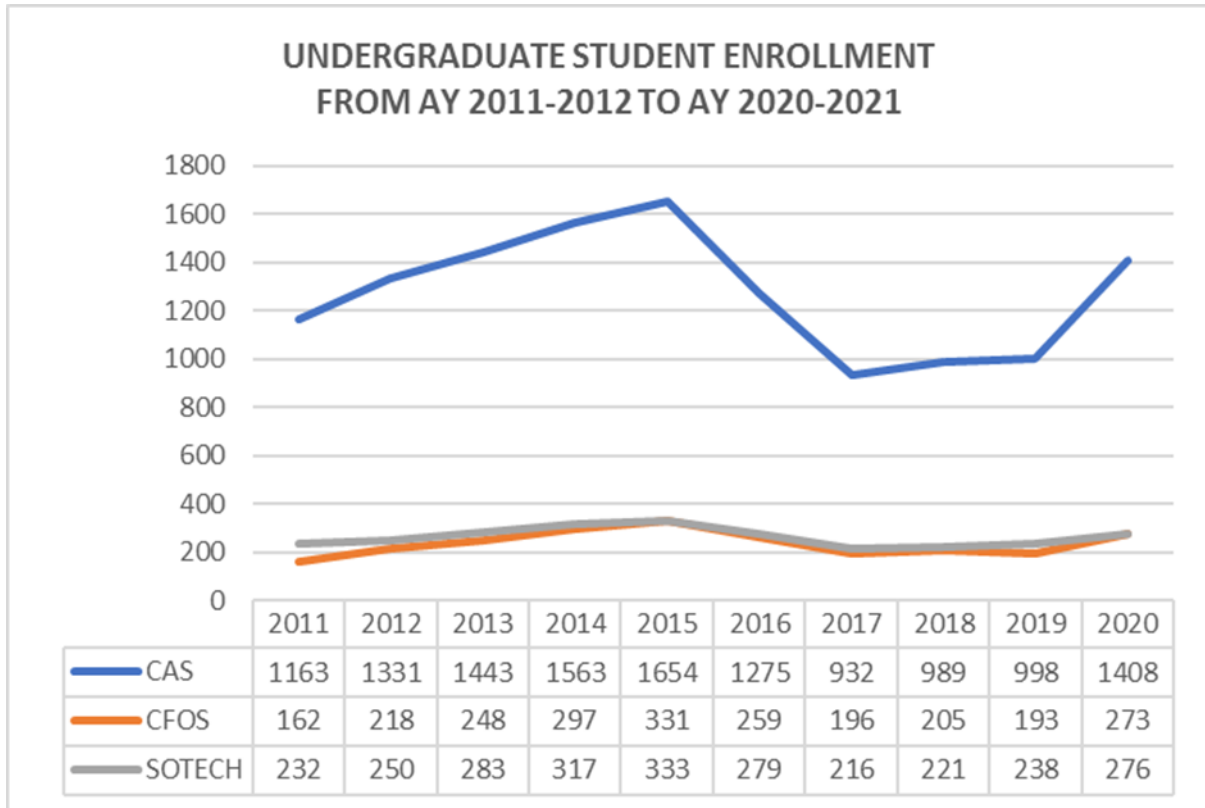


Figure 1– 10. Undergraduate Student Enrollment, Miagao Campus, AY 2011-2012 to AY 2020-2021
Source: CRS, 2021

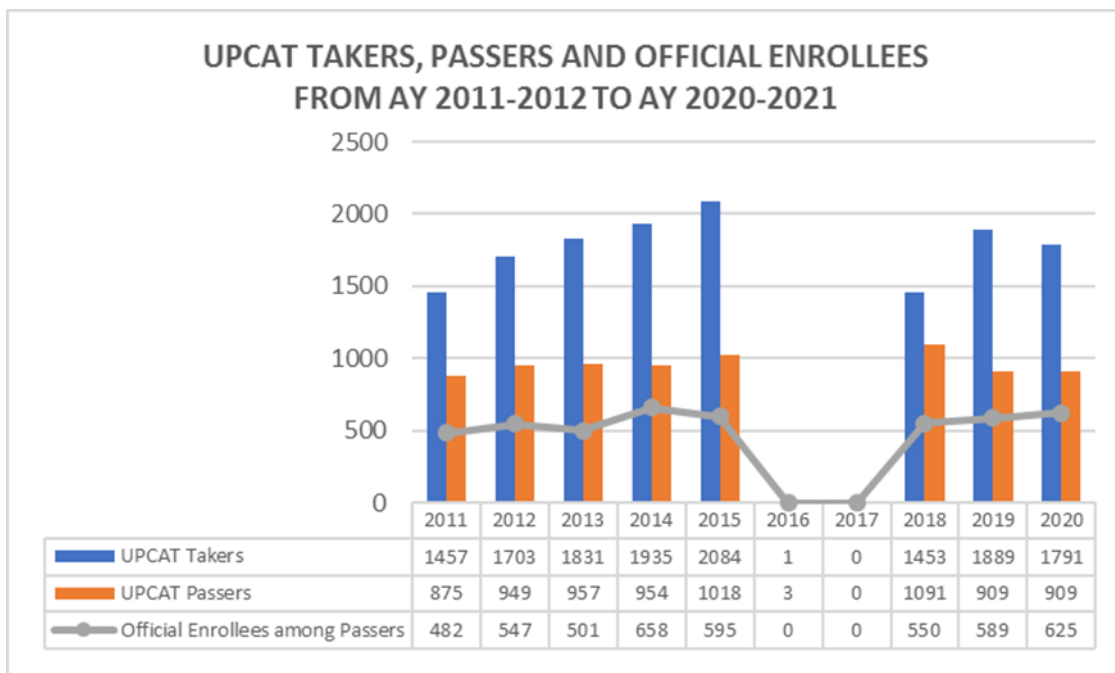


Figure 1- 11. UPCAT Takers, Passers and Official Enrollees, AY 2011-2012 to AY 2020-2021
Source: OUR, 2021

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Figure 1- 12. Geographic Location of the SUC and its campuses.

1.2.3 The Province and the Municipality

The LGU Miagao Comprehensive DRRMP 2019-2023 provides the following geophysical information on Miagao:

- It lies between 10° 36'44" N latitude and 122°06'39" N and 122°17'30" E longitude
- It is bounded by the towns of Igbaras to the Northeast, by Guimbal to the East, by San Joaquin to the West, and by Sibalom, Antique to the Northwest.
- Situated 40 kilometers Southwest of Iloilo City
- It belongs in the First District of Iloilo Province
- Its total land area is 15,696 hectares or 156.96 square kilometers.
- The urban area has 22 barangays with an aggregate land area of 1,852.55 hectares or 18.5255 square kilometers
- The rural area has 18 barangays with an aggregate land area of 13,843.45 hectares or 138.4345 square kilometers.
- The municipal waters have an area of 48 square kilometers.
- Miagao's coastline is about 16 kilometers long, spanning the 22 barangays
- The inland bodies of water are the Tumagboc River, Oyungan River, and Bacauan River.
- All of Miagao's rivers flow into the Panay Gulf.
- There are thirteen barangays in Miagao within the UPV Miagao Campus.

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1. Bacauan
2. BugtongLumangan
3. Diday
4. Igpajo
5. Lumangan
6. Malagyan
7. Mambatad
8. Mat-y
9. Palaca
10. Paro-on
11. Sag-on
12. Sapa
13. Tacas

The LGU Miagao is about 40 kilometers away from Iloilo City where the other campus of UPV is also located.

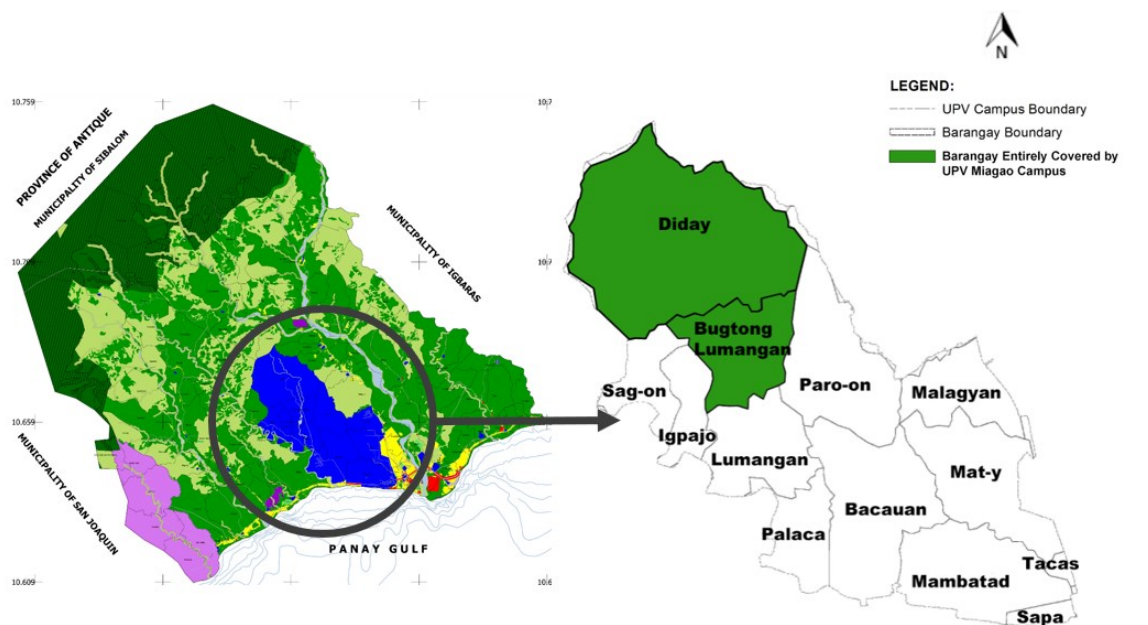


Figure 1- 13. Barangays located within the UPV Miagao Campus with two entire barangays within the campus.

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1.2.4 Land use, land cover and topography

Miagao has mountain ranges that serve as natural boundaries between the Province of Antique and the other towns in the Province of Iloilo. It is a coastal town with rolling terrain. Its Poblacion sits atop a hill that overlooks the Panay Gulf.

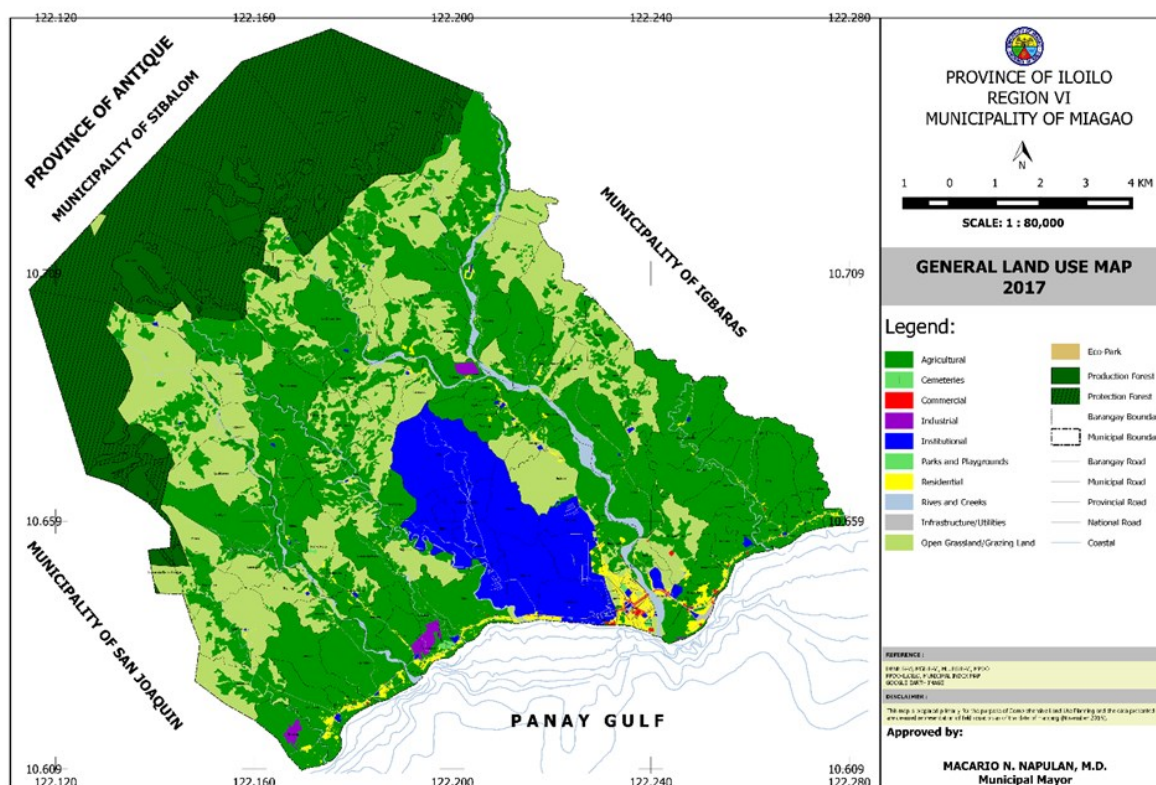


Figure 1- 14. General Land Use Map of LGU Miagao, 2018

The entire UPV Miagao campus has been zoned for institutional use (blue color) by the LGU and has the largest land area compared to other institutional areas in Miagao. Another SUC found in the town is ISAT-U located in the south-east side of the town and the expansion area of the Poblacion.

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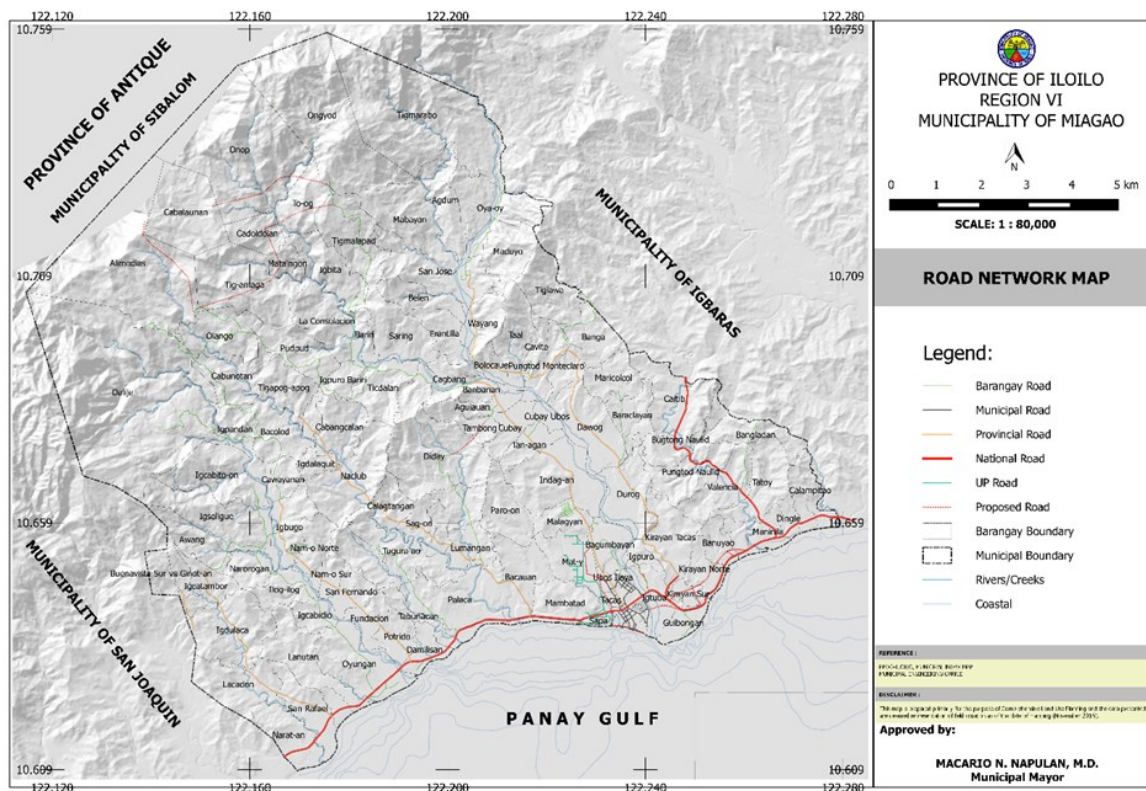


Figure 1- 15. Road Network of LGU Miagao

The planned construction of additional road networks in the Municipality of Miagao will see an increase of 29.10 hectares from an existing 120.20 hectares. Much of the additional road network will be for barangay roads in support of tourism and agriculture as part of the rural development program. There is also a planned project to density the urban road networks (Municipality of Miagao CLUP, 2017-2026, p. 123). In particular, there will be new road networks opened in the following areas (Municipality of Miagao CLUP, 2017-2026, p. 131) in support of economic activities in the area:

- Mat-y (UPV) to Zulueta Avenue
- Igtuba to Kirayan Norte
- Kirayan Tacas (Crossing Puto) to Pungtod Naulid
- Guibongan to Kirayan Sur (Pier Area)

Majority of Miagao's land area is elevated with at least 100 MASL. More than half of the A & D land is within the 0-100 MASL elevation, including the UPV Miagao Campus (see Map 1-5). The UPV Miagao property is within the A & D classification in differing elevation with the highest point at 300-500 MASL.

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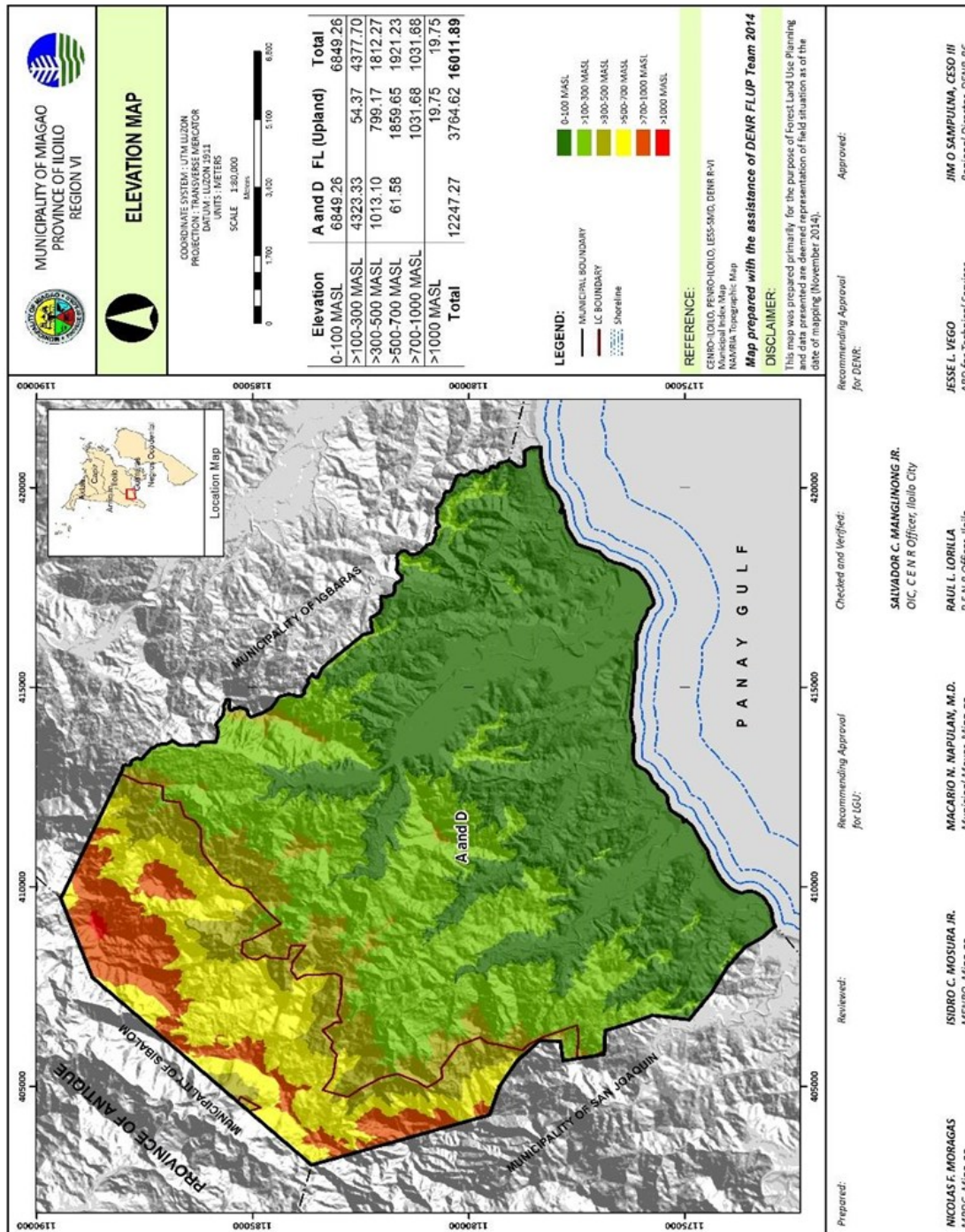


Figure 1- 16. LGU Miagao Elevation

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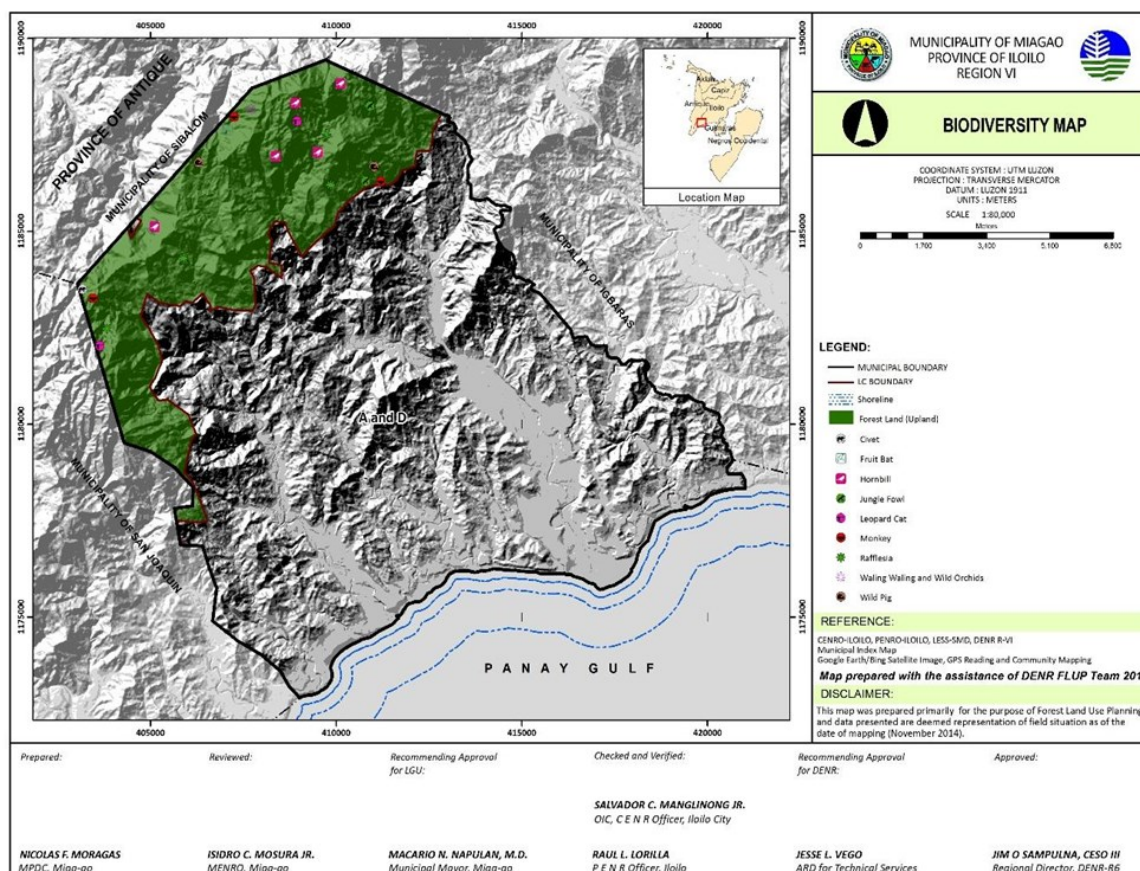


Figure 1- 17. LGU Miagao Biodiversity

The LGU has declared the University of the Philippines (UPV) Campus, Forestry Area and Greenbelt Area within the Poblacion as Bird Sanctuary thru SB Ordinance No. 5-1 series of 1994.

1.21.2 Watershed Profile

There are five major river networks found in Miagao, two of them flows directly within the UPV Miagao property: Bacauan and Tumagbok rivers.

	Major Rivers in Miagao	Area covered (has)
1	Naulid River	7,471.63
2	Tumagbok River	1,384.73
3	Bacauan River	2,722.78
4	Oyungan River	3,331.63
5	Narat-an River	1,101.12

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Additionally, there are 40 natural springs that flow from different watersheds and are viable sources of water for domestic use. Fifteen of these springs are located within the forestland land of Miagao which services about 400 households residing within the forest and forestlands of the LGU (LGU Miagao FLUP, pp 59-60).

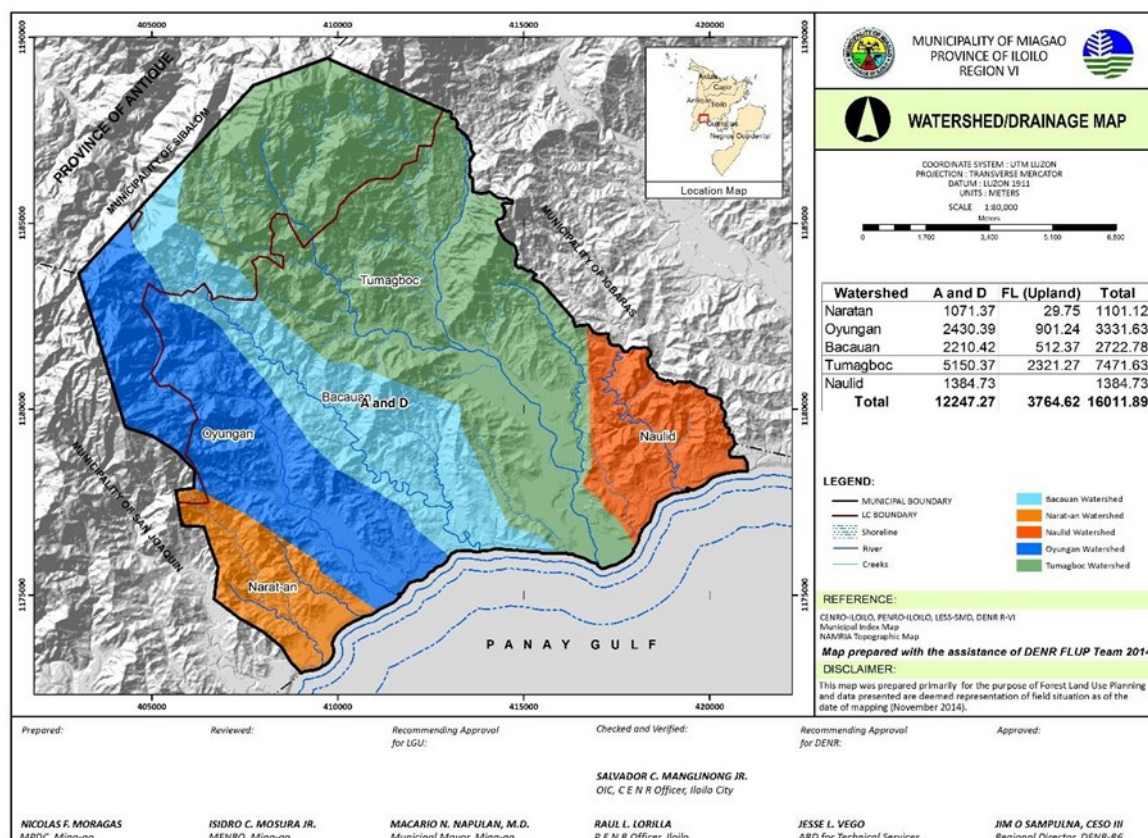


Figure 1- 18. Watershed Map of Miagao LGU

The water and marine policy of the LGU allows fisherfolks to fish within the municipal waters zone, which is the area within 15 kilometers from the LGU shoreline. The LGU's local ordinance allows small-scale commercial fishers to fish from 10 kilometers onwards of the municipal waters provided the operators secure a permit. The same applies for UPV in case they need to use the marine waters of the LGU for research and educational purposes; the institution must secure a permit from the LGU.

The LGU's municipal waters covers a total of 240 square kilometers and contained within the 22 barangays.

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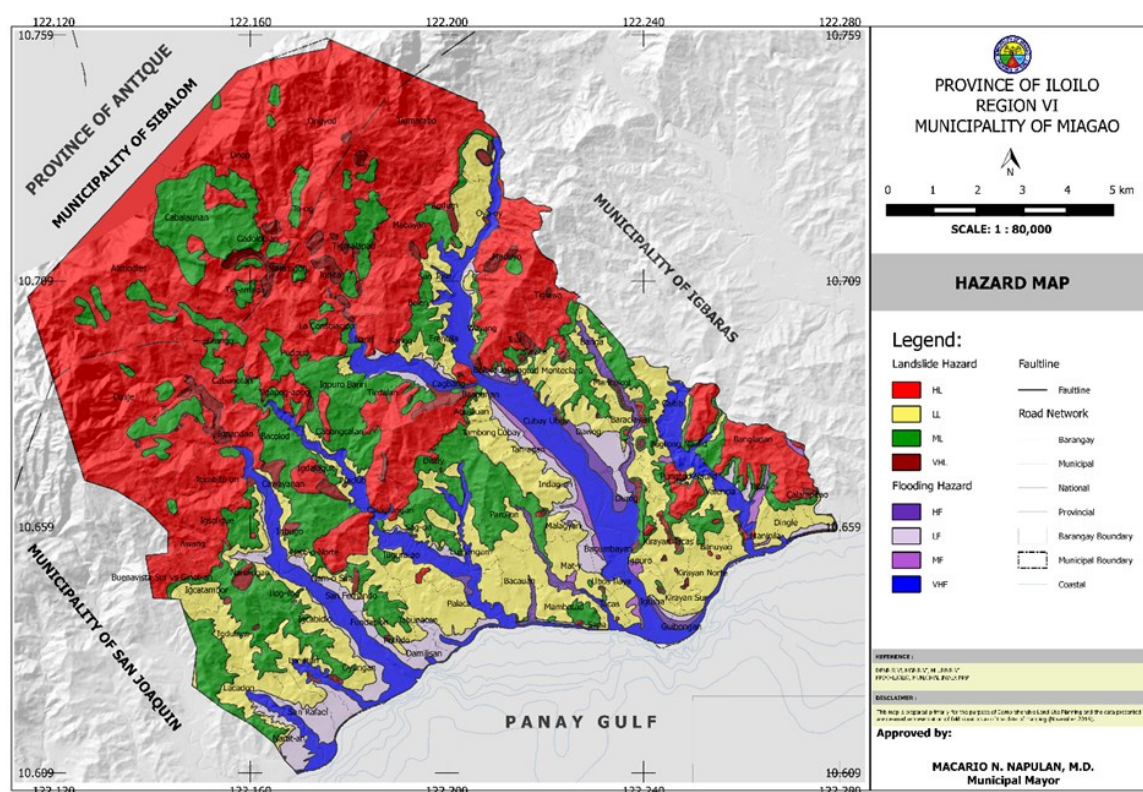


Figure 1– 21. LGU Miagao Hazards

The following is the list of hazards the LGU Miagao is exposed to:

Table 1– 9. LGU Miagao Risk Profile Summary

Hazard	Area/s affected	Risk detail and other information
Typhoon	Coastal barangays	No record of typhoon-related casualty
Storm surge	Baybay Norte, Sapa, Mambatad, Palaca, Guibongan, Lanutan, Naulid, and Kirayan Norte	High level risk: 72% of the total households (769 HH)
	Oyungan, Maringyan, Damilisan, Maninila, Banuyao and Bacauan	Medium level risk: 20% of the total households (215 HH)
	Calampitao, Dingle, Gines, Baybay Sur, Tabunacan, San Rafael, Narat-an and Kirayan Sur	Low level risk
Landslide	32 barangays	Highly and very highly susceptible to landslide affecting: 2,717 HH 13,558 population <ul style="list-style-type: none"> Numerous social service facilities (day care centers, barangay health stations, basketball court, multi-purpose halls including schools)

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Hazard	Area/s affected	Risk detail and other information
	3,760.62 forest area	<ul style="list-style-type: none"> Affecting natural attraction and potential tourism sites like lake, waterfalls, rice terraces and caves
	15 barangays within West Panay Fault Line	
Flood	Urban areas particularly barangays Poblacion, Baybay Norte, Ubos Ilawod, Ubos Ilaya, Igtuba	<p>High susceptibility of the following:</p> <ul style="list-style-type: none"> Nonato Extension facing the Tum-agbok River Local Government owned land areas occupied by the Livestock Auction Market, MRF, Slaughterhouse, Fish Landing Station Settlement areas of the informal settlers Roman Catholic Cemetery Miagao East Central Elementary School Pumping station of Miagao Water District National roads Agricultural lands

Source: LGU Miagao DRRMP 2019-2030

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CHAPTER 2: Existing Conditions of the Miagao Campus

2.1 Physical features and environmental conditions

2.1.1 Physical Characteristics

This section discusses the physical characteristics of UPV Miagao Campus, including its land area, barangays covered. The campus' connectivity to the locality and the region, including the nearby airports, ports, bus terminals is also discussed.

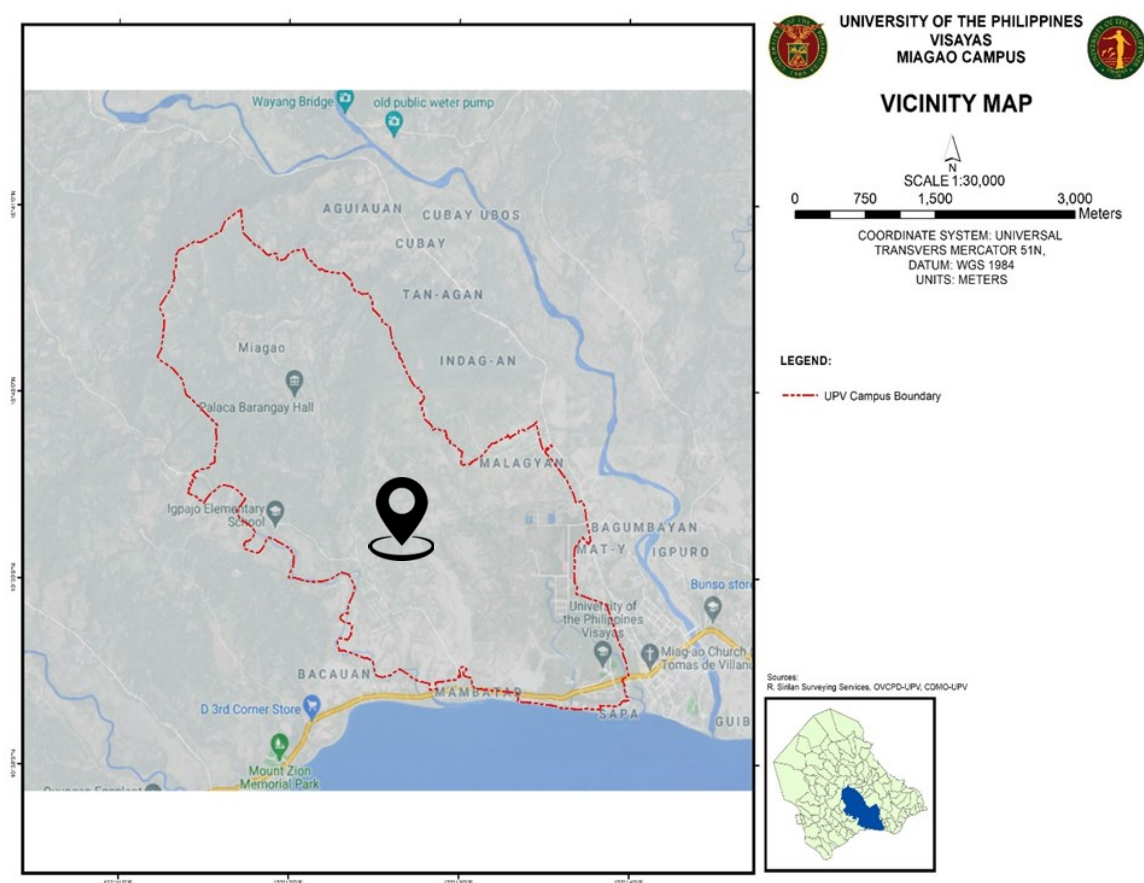


Figure 2- 1. Vicinity map

The campus is situated at 10.6417° North longitude and 122.2310° East latitude. It is about 22 kilometers from the provincial capital of Iloilo City and located on the southern part of the municipality of Miagao, bounded by the Iloilo Strait on the south, and by the following barangays: Bagumbayan, Igpuro, Poblacion, and Durog on the east; Tugura-ao and Calagtangan on the west, and Bugtong Lumangan and Indag-an on the north. Thirteen barangays comprise the campus. UPV is 600 mtrs. near a UNESCO World Heritage Site - Miagao Church.

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Being adjacent to the town proper made it situated at the center of the area classified as the cluster of urban barangays. Two major thoroughfares pass at the university's vicinity: the Iloilo-Antique National Highway from the south, and the Igbugo - Irik-ikan National Highway from the east. The campus occupies roughly around 1,233 hectares or 7.8% of the total land area of Miagao¹.

The land where the UPV Miagao is situated is classified as Alienable and Disposable (see map below). It means that there are no declared protected areas or areas declared as NIPAS within the UPV Miagao jurisdiction.

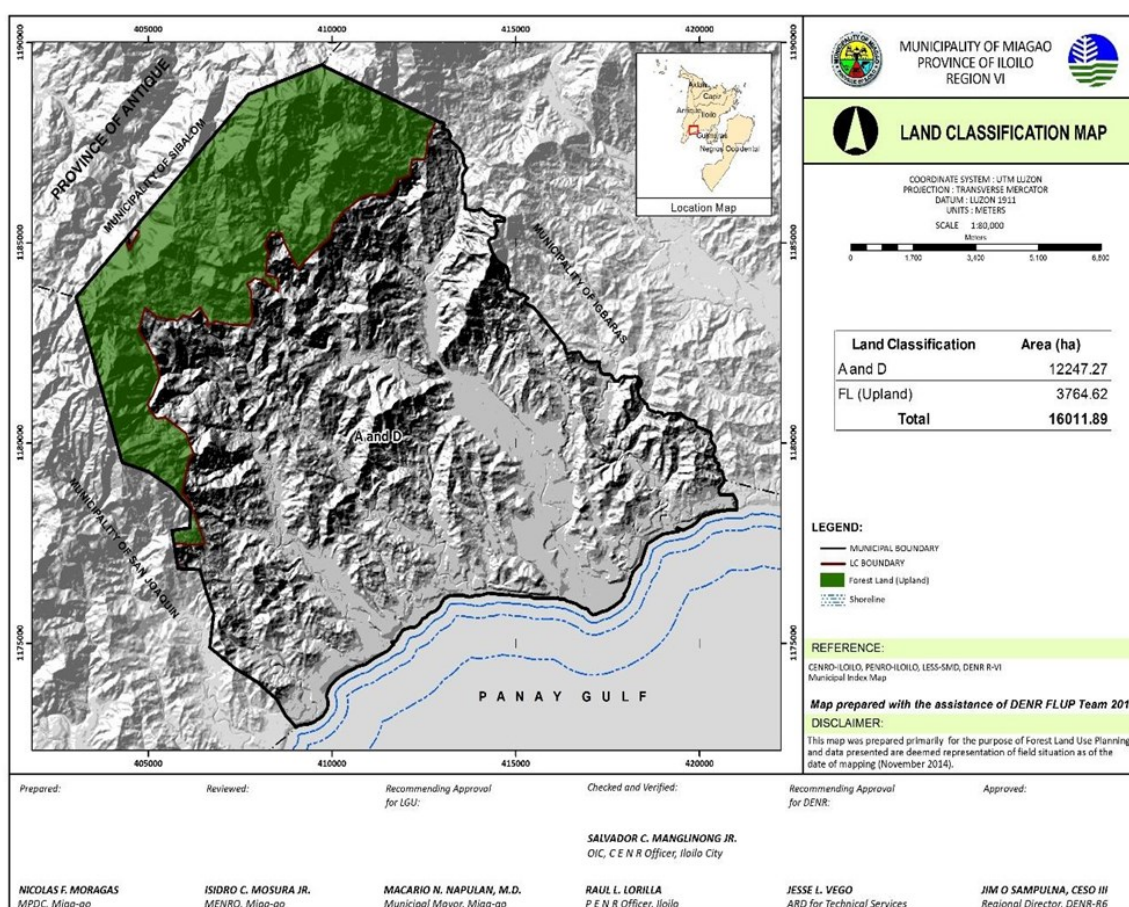


Figure 2- 2. Land Classification of Miagao LGU

¹CLUP 2015

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2.1.2 Biophysical Environment

The location of the UPV Miagao campus is a good refugia of biological resources that could serve as a wide range of habitats from the coastal area to the remaining forest cover. The Biological Assets Committee was created by the Chancellor to do an inventory of trees and bamboos on the second quarter of 2021. A total of 5,595 trees were inventoried from April – October 2021 covering a land area of 17.4 hectares. The report shows (Biological Assets Committee Report, 2021) that the most common species found inside the Miagao campus are mahogany, gmelina, coconut, acacia, and narra. These trees have been managed and maintained by the Site Development and Reforestation Project (SDRP) under the OVCPD since its implementation. The SDRP was created under the administration of Chancellor Francisco Nemenzo in 1990 to rehabilitate critical areas in UPV Miagao campus. The next administrations continuously held tree planting efforts and greening activities annually to improve the campus landscape. The inventory of bamboo poles started in September 2021 although there is a need to continue the inventory of resources inside the campus that bring economic benefits, such as mango and other fruit-bearing trees. Bamboo poles are being sold for 30Php with 25-40 ft length. Details of the findings can be found in the Tree and Bamboo Inventory in UPV Miagao campus report (2021) of the Biological Assets Committee. Apart from trees, there have been accounts of sightings of birds inside the campus. However, a thorough inventory has yet to be conducted.

The figures that follow show the tagged trees and bamboos done between April-October 2021 .

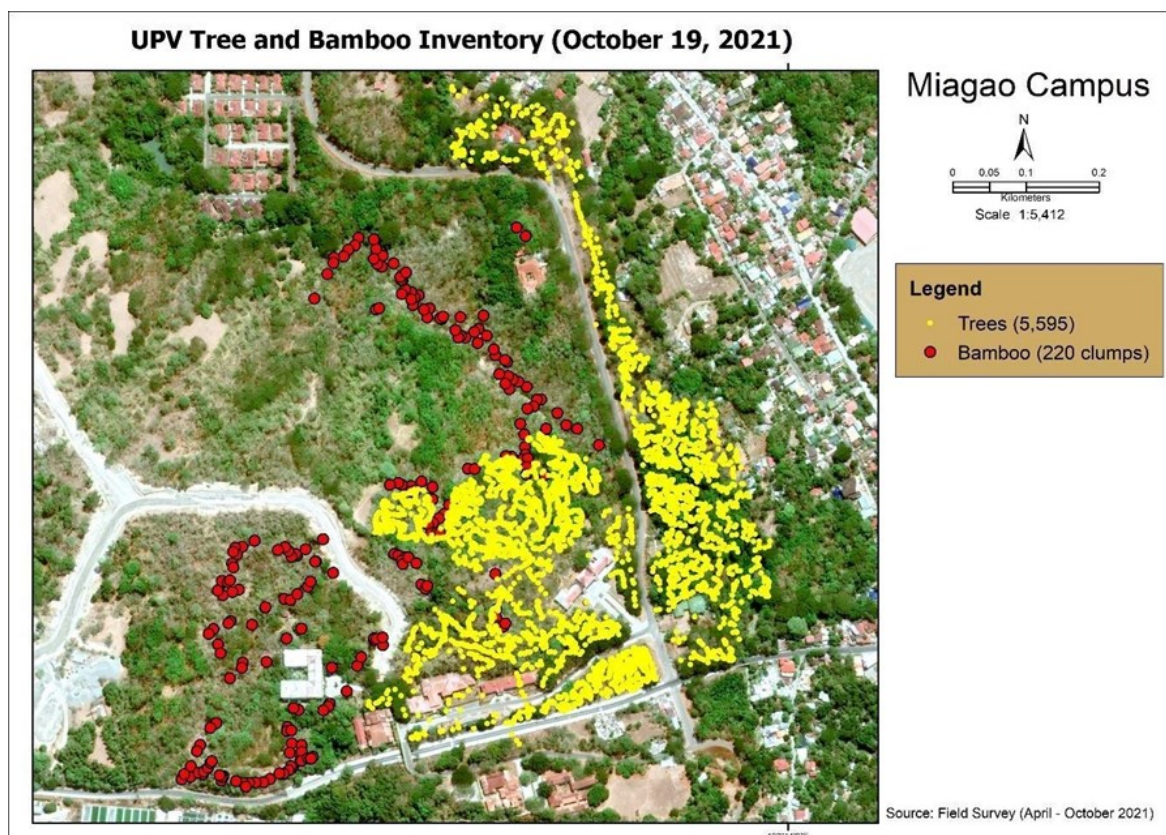


Figure 2- 3. Location of bamboos based on field survey inside the UPV Miagao campus (2021).

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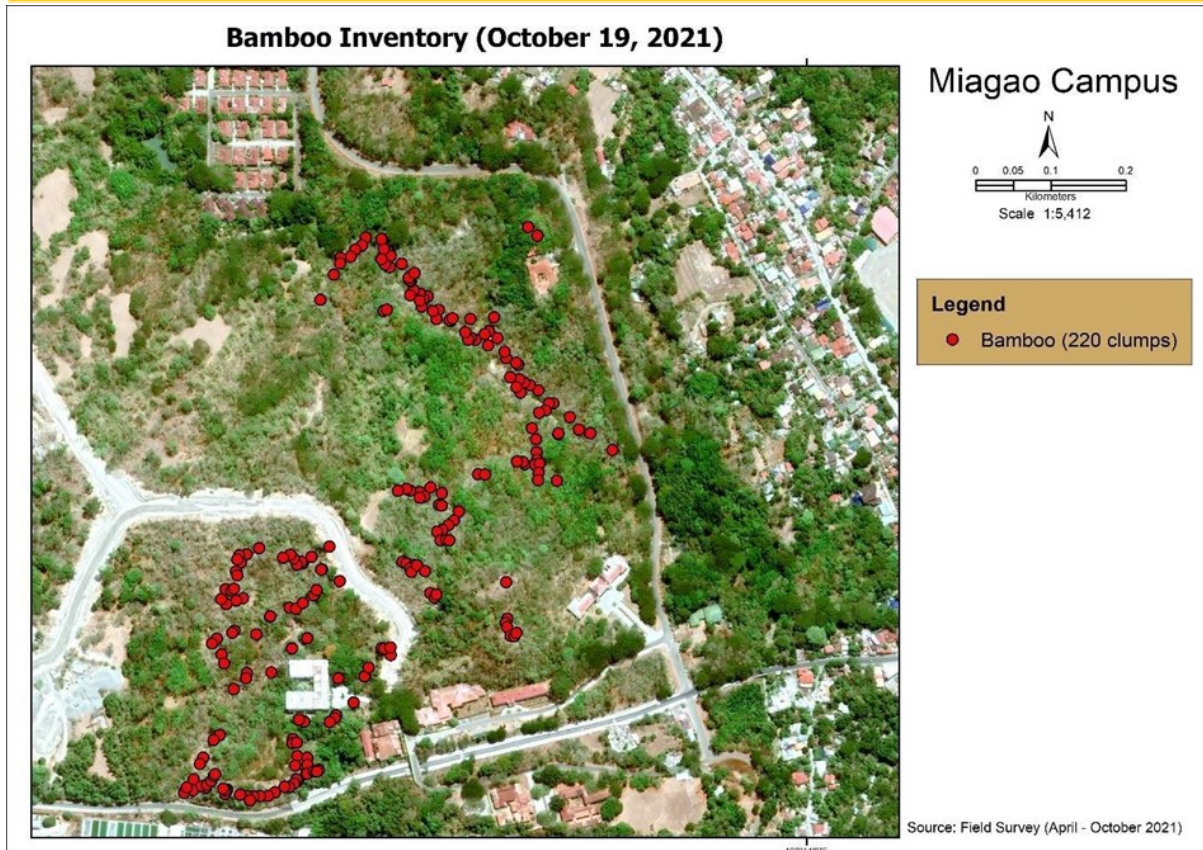


Figure 2-4. Location of bamboo and trees under inventory in UPV Miagao (2021) .

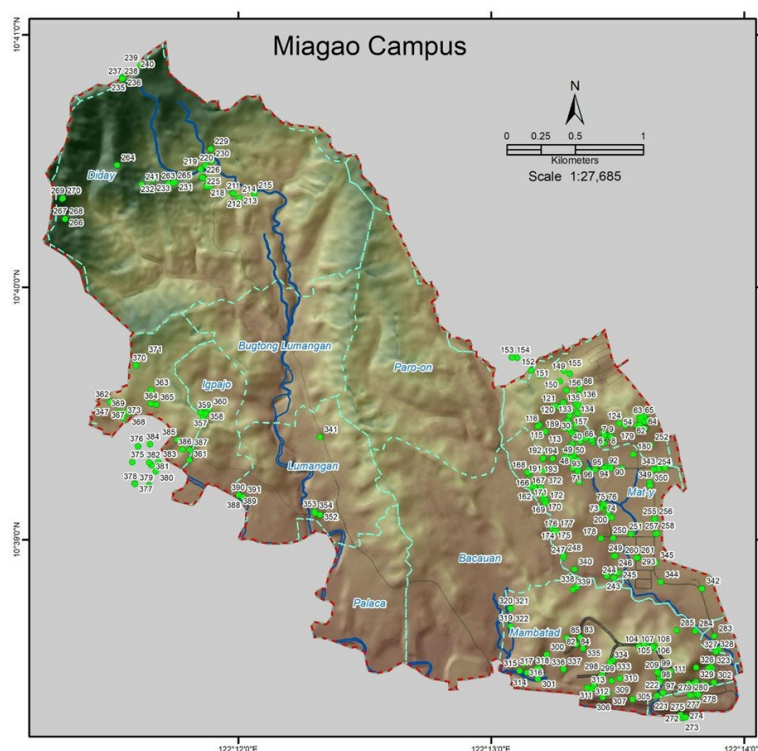


Figure 2-5. Flora Inventory as of November 2021

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Topography

UP Miagao is characterized with plain, gently sloping and rolling mountains. The topography of the university is gradually sloping with highest point of 100m, located at the northern portion. There are four prominent hilly portions: one is the site where the SOTECH building and other academic buildings will be built while the rest are on the northernmost part of the university, which are all hinterlands.

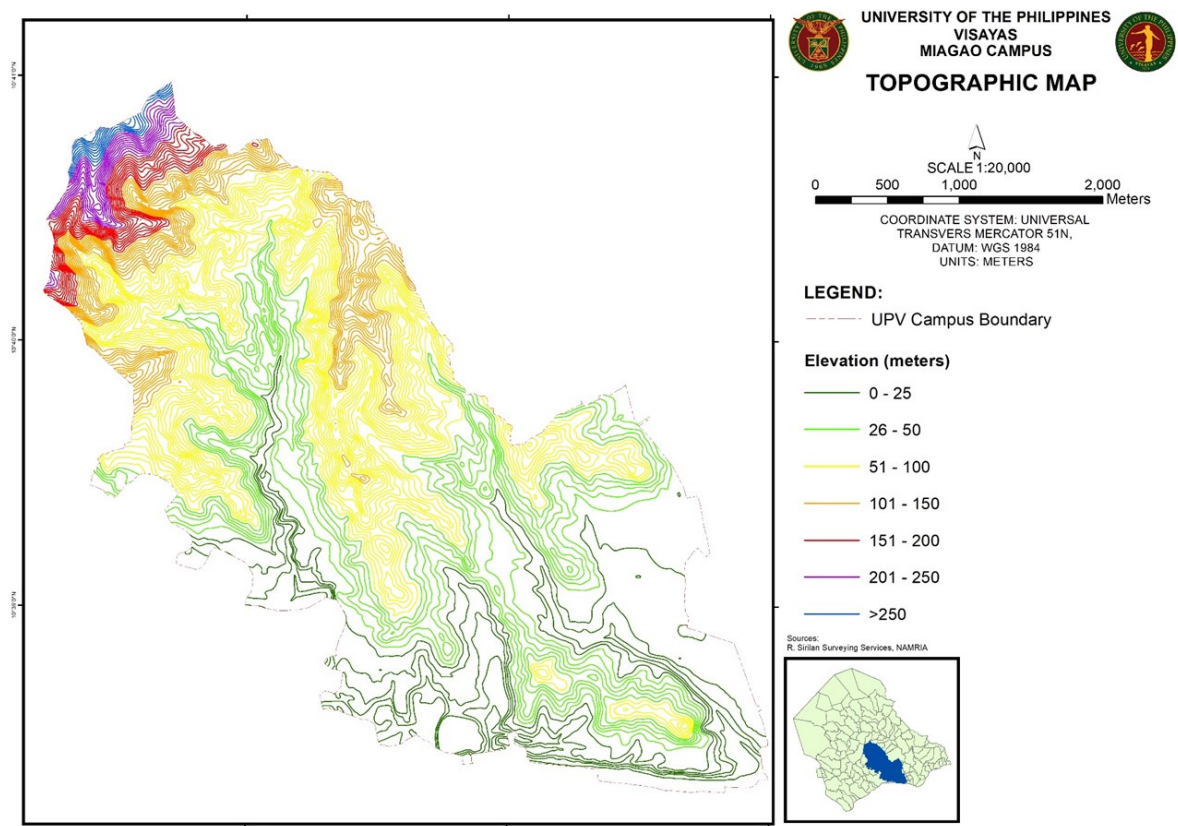


Figure 2-6. Topographic Map, Miagao Campus (UPV OVCPD, 2021)

Climate

Milagao is under Type 1 Climate. It has two pronounced seasons: dry from November to April, and wet during the rest of the year. Temperature ranges from 22.9 minimum to 32.2 maximum. Two prevailing winds in the municipality are the southwest monsoon (habagat) and the northeast monsoon (amihan).

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Hydrology

Inside the UPV Miagao are rivers, streams, and creeks. The creeks originate from the campus. On the other hand, the major streams, rivers, originate from the northern mountainous portion. To date, three streams are passing along the campus' westernmost boundary: Stream 1, which measures 11.64 km, and Stream 2, which is 2.163 km. Stream 3, which measures 1.96 km, is formed by the confluence of Streams 1 and 2. The easternmost portion of the campus is where Stream 5 is, measuring 2.32km, and Stream 6 measures 465 m. These two streams also join forming Stream 7 with a length of 1.67 km.

Streams 1, 2, and 3 are technically considered rivers and have water flowing for all seasons. The rest of the streams are technically creeks; these tend to dry up during the summer months.

One of the known important functions of these bodies of water is for flood control serving as natural stormwater drainage. The Tumagbok River, found outside the territory of UPV Miagao Campus, is a viable source of potable water for the UPV community.

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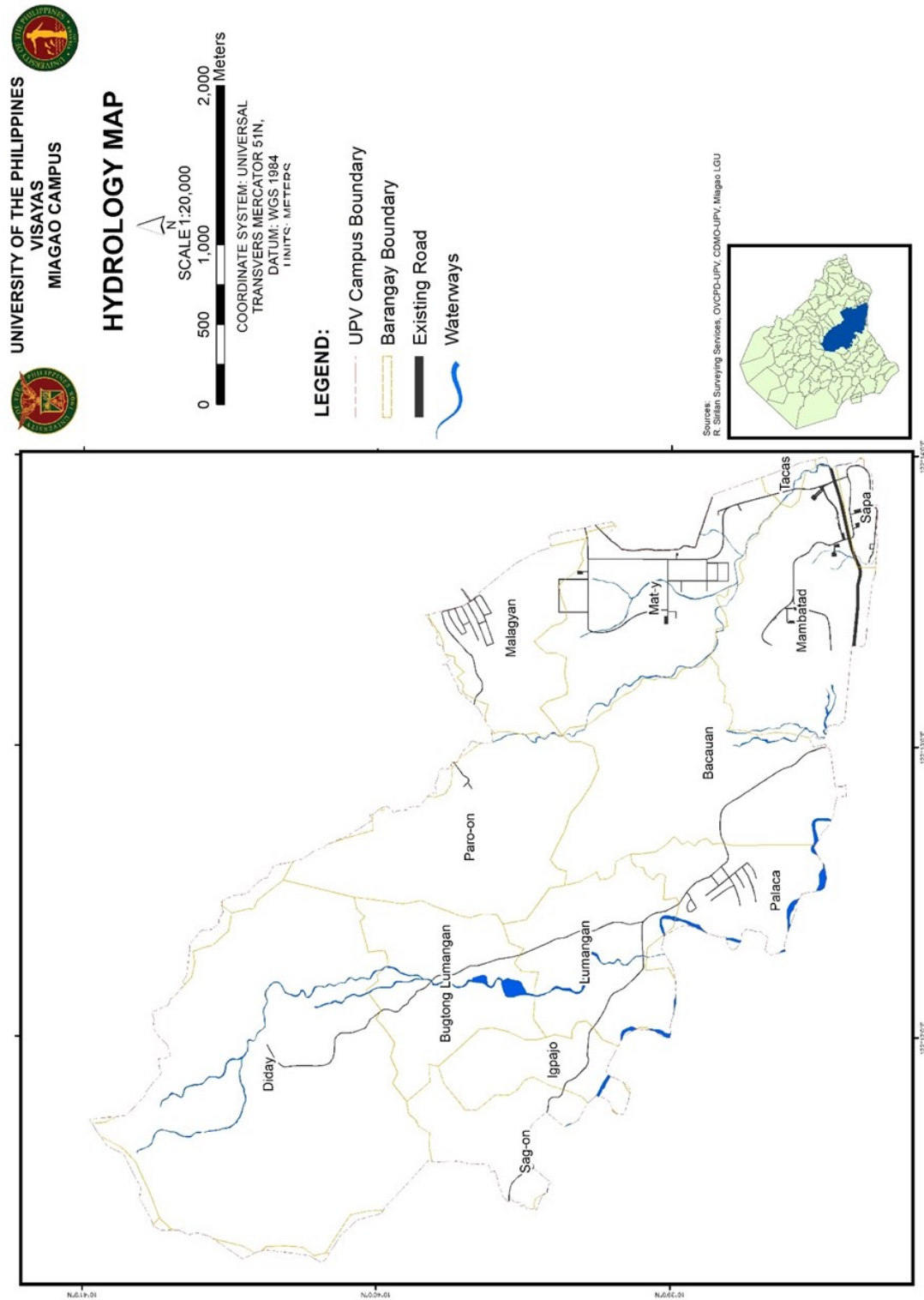


Figure 2-7. Hydrology Map, Miagao Campus

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Geotechnical/soil

UP Miagao is comprised mostly of Sta. Rita clay and Alimodian Soil. Sta. Rita series is classified as Typic Apiaquerts. The soil series developed from recent alluvial deposit of fine soil materials from the surrounding uplands. Drainage is generally poor because of topography and the heaviness and compactness of the surface soil and the subsoil. There are no stones in the solum. It has black to brown clay surface soil that extends down from 20 to 25cm with moderate coarse granular structure. Highly plastic and soft when wet; shrinks and cracks when dry. The subsoil is also clay with lighter shade than the surface soil. It could reach down to 70cm. The upper substratum that reaches down to 97cm is brown to light silt clay; slightly compact with good to medium granular structure. The deposition of silty clay is uniform. The lower substratum reaches down to the control section at 150 cm. and is light brown silt loam; soft and friable; good fine granular structure (Alicante et al, 1947). Rice is the principal crop raised on this soil. This is rotated with other crops, such as corn, mungo, and other legumes.

Alimodian soil series is classified as Typic Hapludalfs. The soil of this series is derived from the weathered products of shale and sandstone, with shale dominating. The relief is rolling to hilly and mountainous. The external drainage is good to excessive while internal drainage is fair. The surface soil is brown to reddish brown clay loam, good medium granular structure, slightly friable when moist and brittle when dry. Rounded gravels and stones are present on the surface. Depth is from 20 to 30cm. The subsoil is light brown clay, weak medium columnar structure, slightly brittle and slightly compact. The substratum is gray to grayish brown, highly weathered shale and sometimes weathered shale and sometimes weathered sandstone, weak coarse platy and slightly compact (Alicante et. Al, 1947). The vegetation primary consists of primary and secondary growth forest, cogonal and mango groves occupy hilly and mountain areas.

Metallic and non-metallic reserves from grains of sands are on the beach lines. Ceramic clay also exists in the campus. It is used for potteries and can be added in a mixture of sand and limestone to make Miagao Stone—a vernacular construction material in the municipality. In fact, the Miagao Church is primarily made of the mixture.

Table 2- 1. Land area per slope category

Slope Categories	Area (sq. mtrs.)	Percentage
0-3	884,356.16	7.24%
3.1 to 8	2,065,736.72	16.90%
8.1 to 18	3,488,874.68	28.55%
18.1 to 30	3,648,884.94	29.85%
>30	2,134,414.41	17.46%
TOTAL	12,222,266.91	100%

Source: OVCPD, 2021

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Table 2- 2. Land area per elevation class

Elevation Class	Area (sq. mtrs.)	Percentage
301-400	77,137.20	0.63%
201-300	469,265.41	3.84%
101-200	1,669,712.86	13.66%
51-100	3,337,972.24	27.31%
0-50	6,668,179.20	54.56%
TOTAL	12,222,266.91	100%

Source: OVCPD, 2021

Table 2- 3. Land area per soil type

Soil Type	Area (sq. mtrs.)	Percentage
Alimodian Clay Loam	9,229,828.51	75.52%
Sta. Rita Clay	2,992,438.40	24.48%
TOTAL	12,222,266.91	100%

Source: OVCPD, 2021

Potential natural catastrophes

The campus is classified to have low susceptibility to floods and landslides. Tsunami and storm surges have low probability of occurrence according to a PHILVOCS expert. While it may be established that the university has low susceptibility to natural catastrophes, the community is still at stake when high intensity rainfall occurs in the area. The main river near the university is culprit for soil erosion and landslides. Recent rainfall destroyed the bridge connecting the town and its other areas including UP Miagao.

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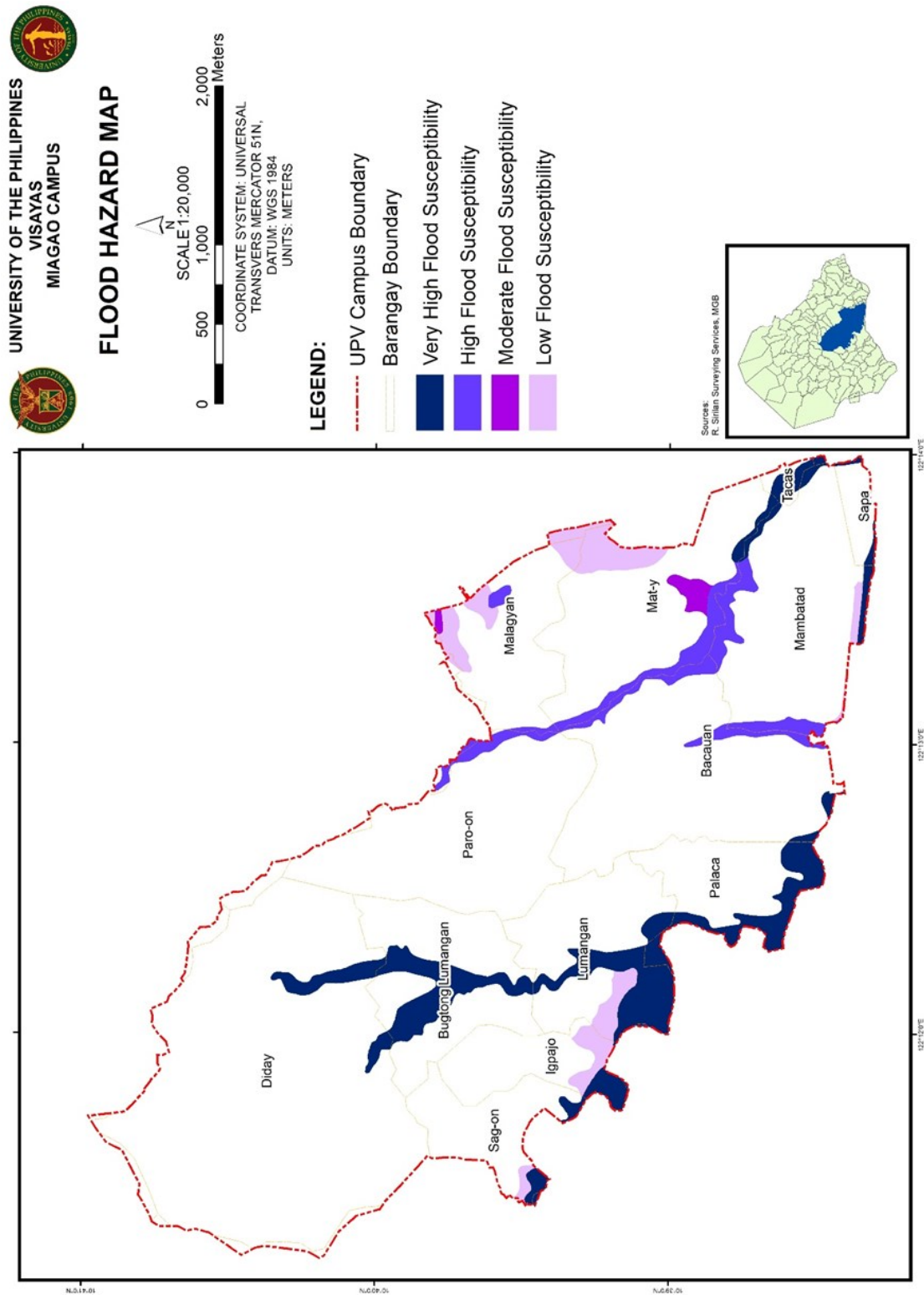


Figure 2-8. Flood Hazard Map, Miagao Campus

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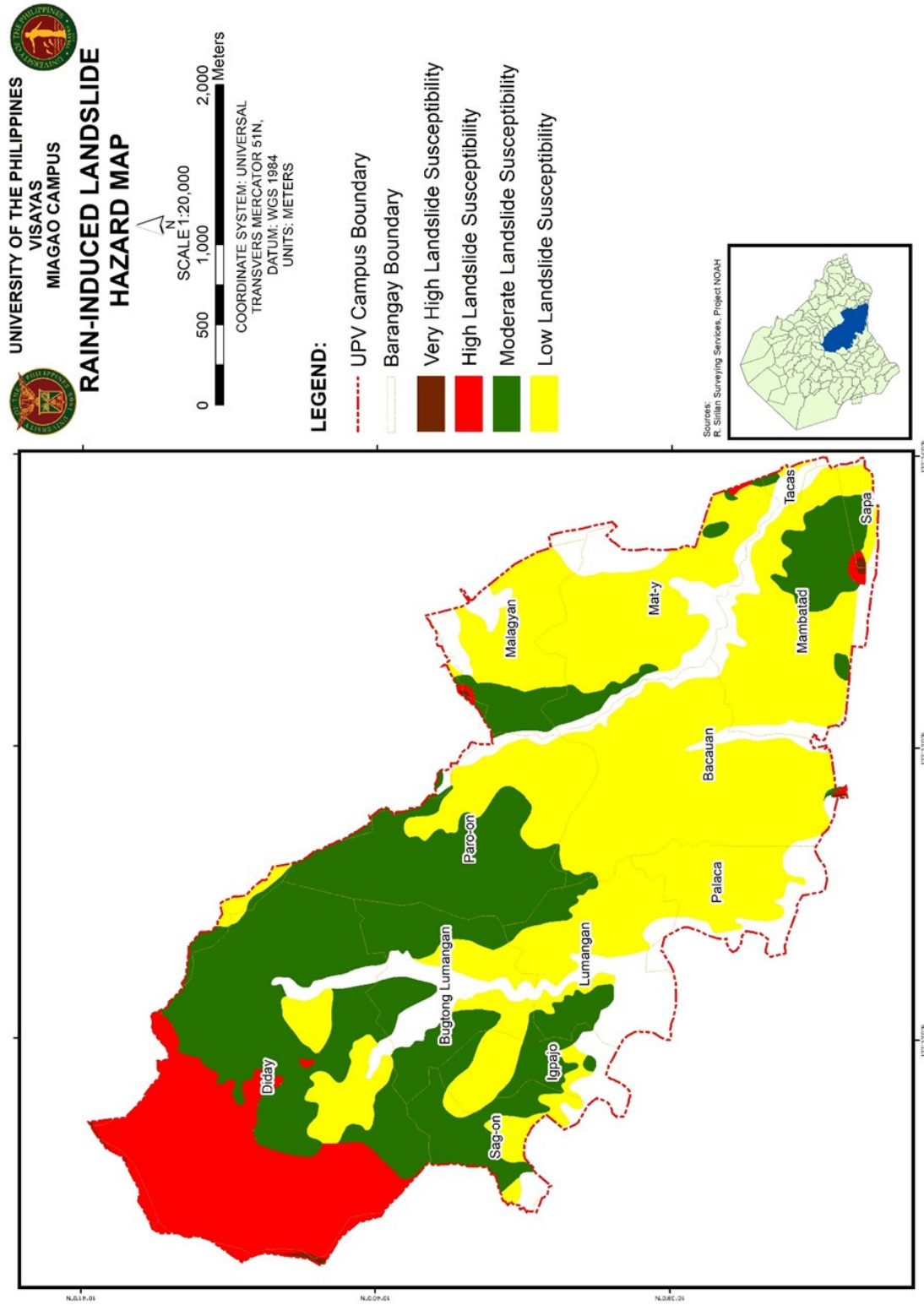


Figure 2-9. Rain-Induced Landslide Hazard Map, Magao Campus

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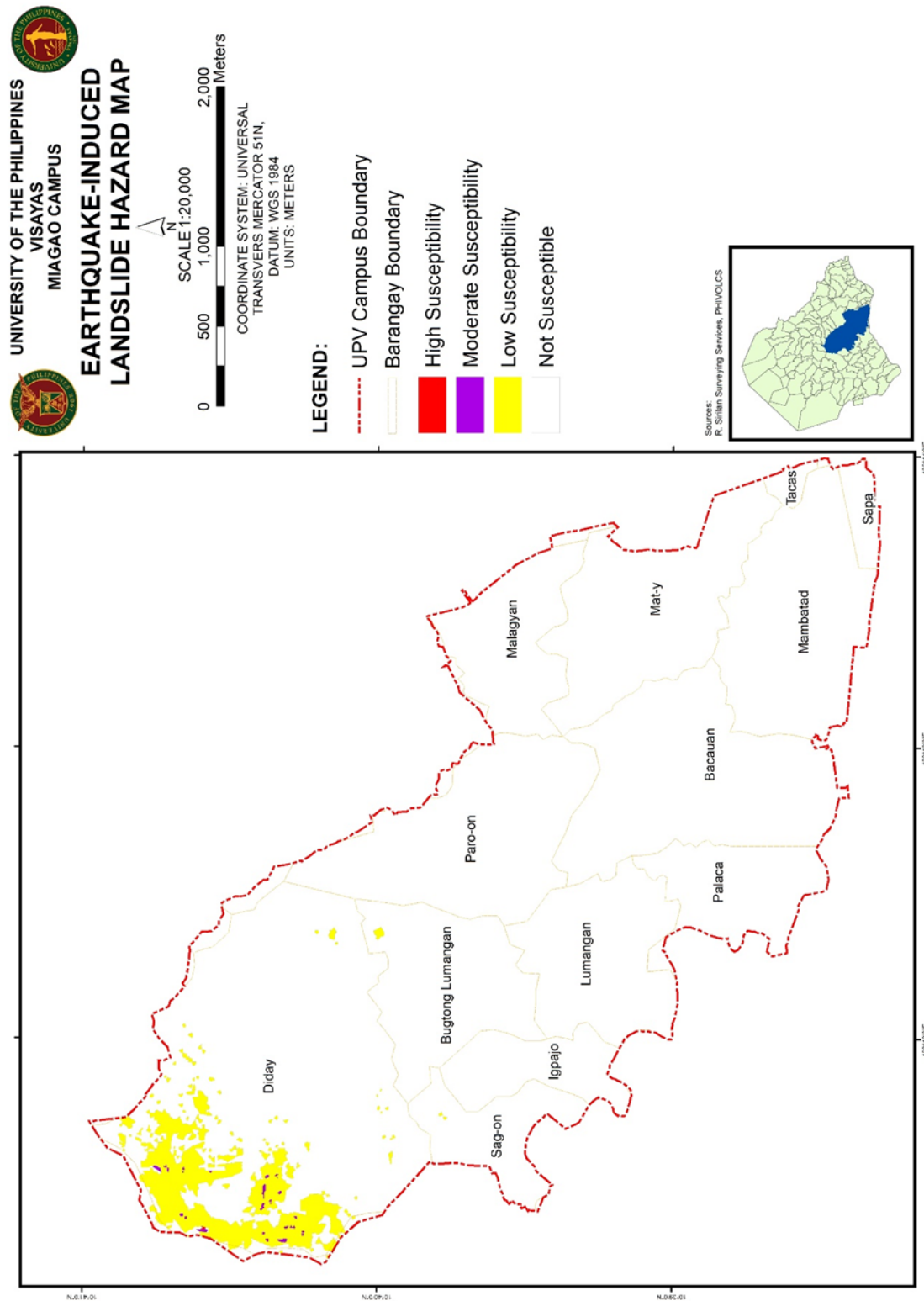


Figure 2-10. Earthquake-Induced Landslide Map, Miagao Campus

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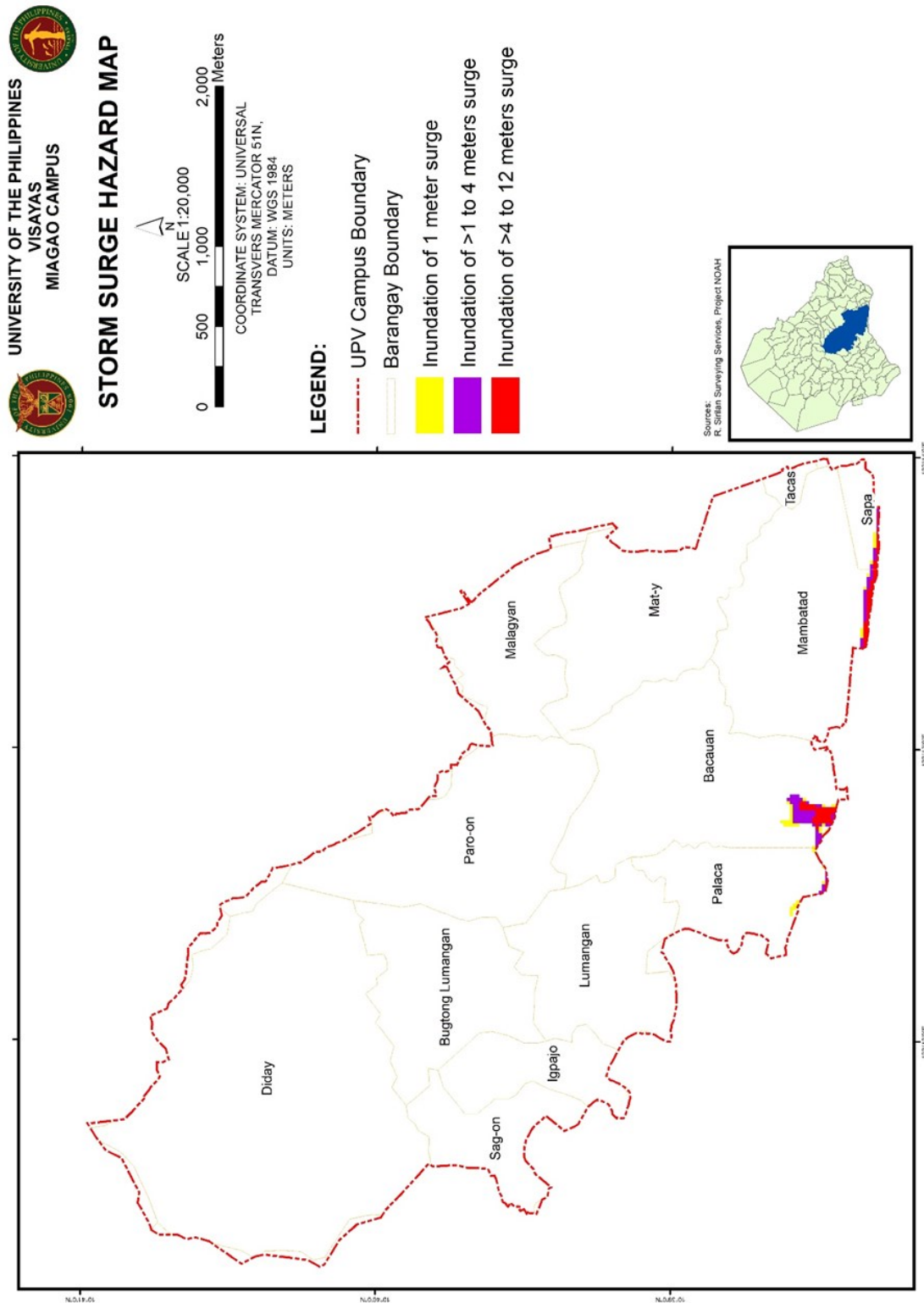


Figure 2-11. Storm Surge Hazard Map, Magao Campus

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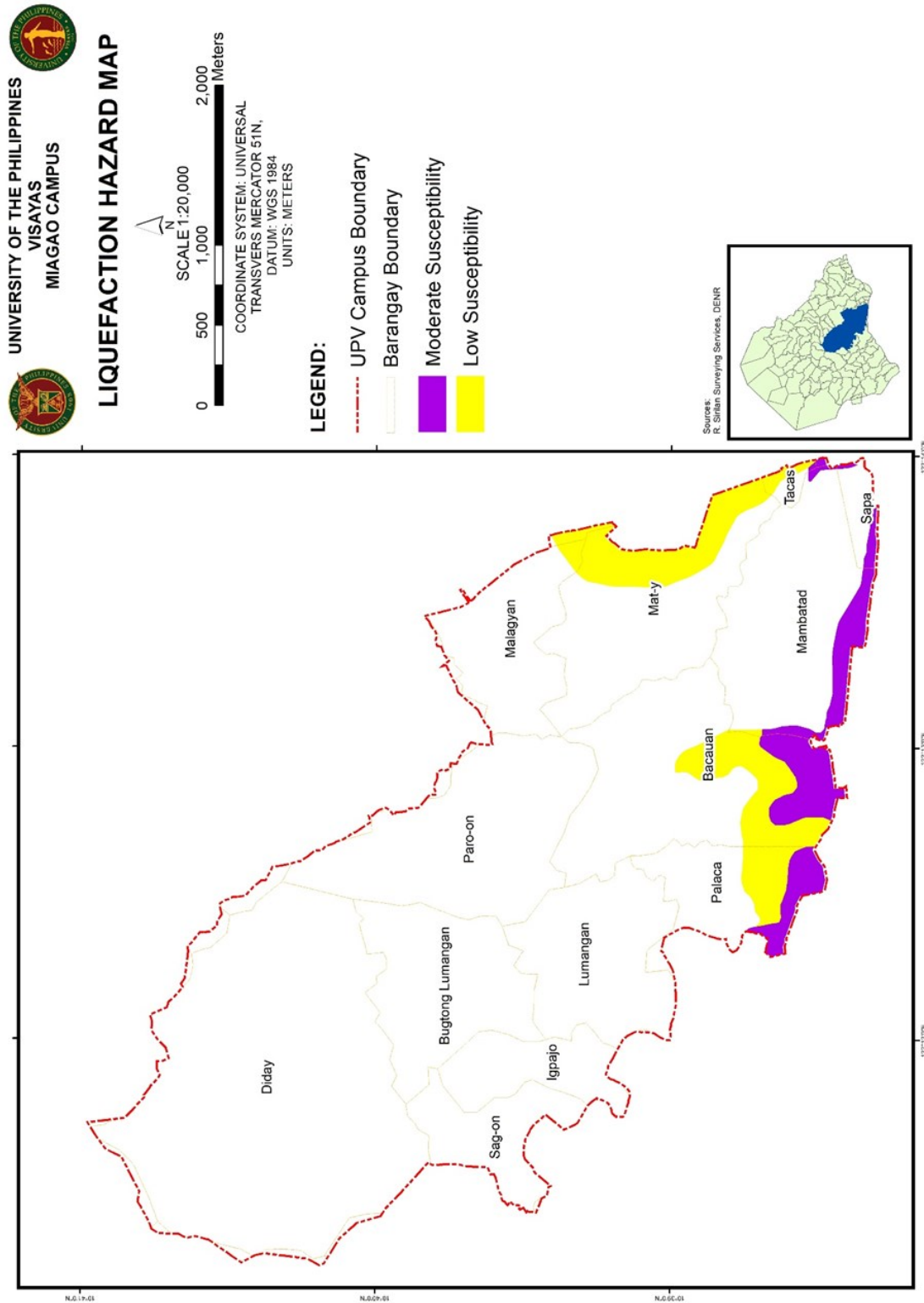
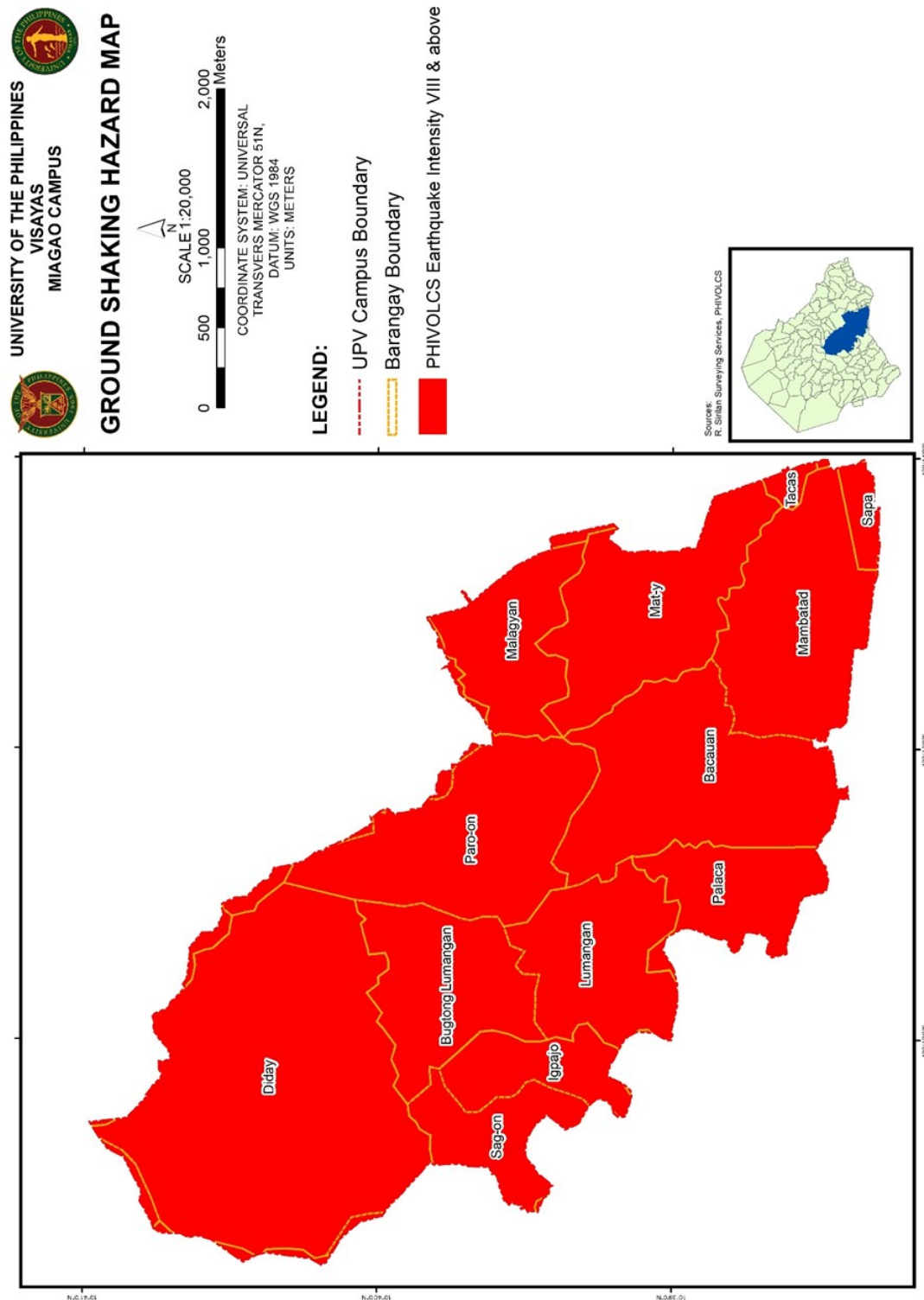


Figure 2-12. Liquefaction Hazard Map, Miagao Campus

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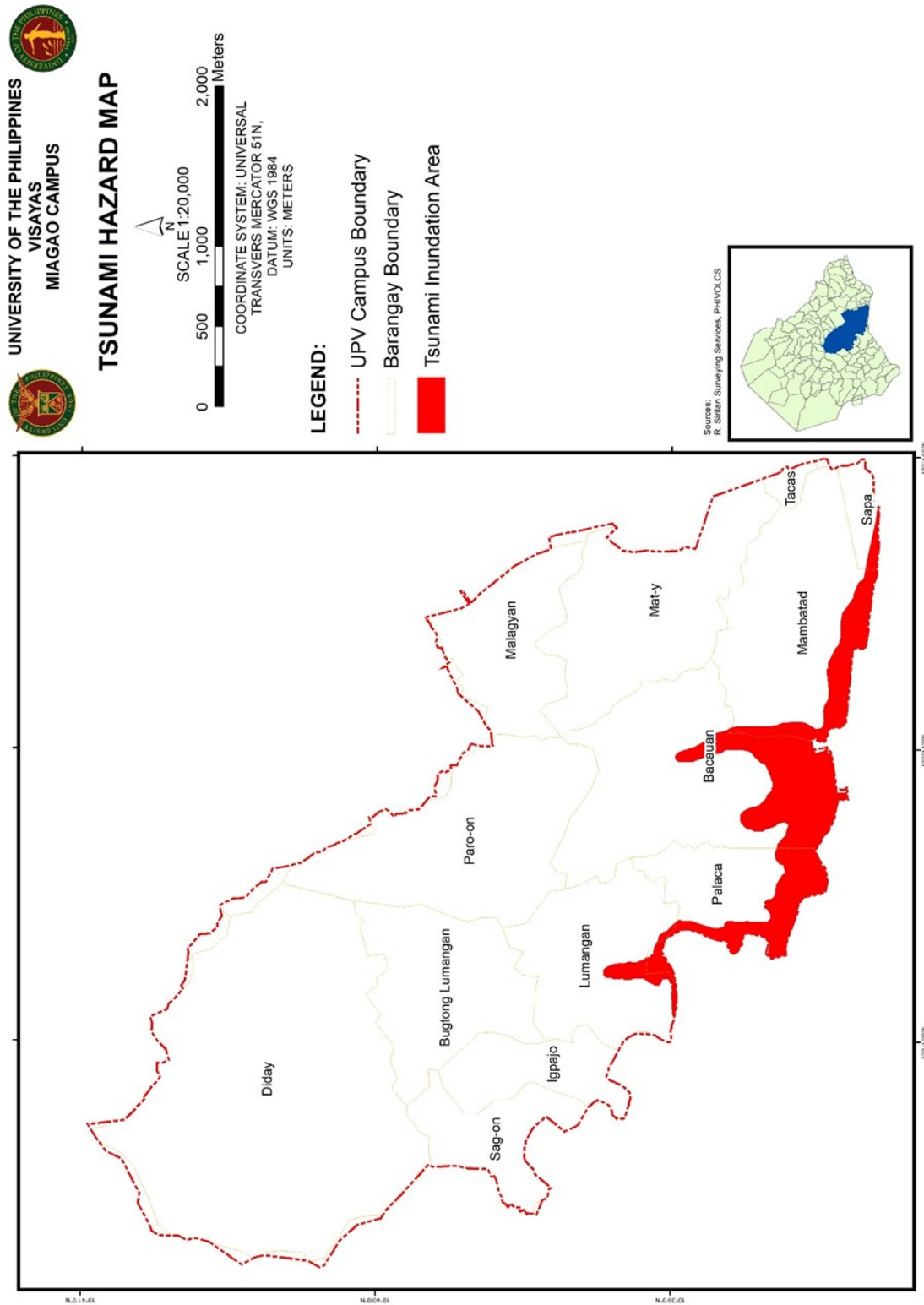


Figure 2-14. Tsunami Hazard map, Miagao campus

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Existing natural features

From the 2015 NAMRIA data, the UPV Miagao Campus land cover consists of annual crops, brushes or shrubs, and the built-up area. The built-up area is concentrated mostly on the lowlands while the annual crops are mostly found in the upper areas of the property

Man-made features

Another feature of the campus that plays a major role in the community is having a manmade pond to store water. The pond serves as a reservoir for the water filtration system. Sand filtration is used to remove suspended solids from water. The filtration medium consists of multiple layers of sand with a variety in size and specific gravity. The campus' Water Supply System then distributes water to the whole campus.

Sensory

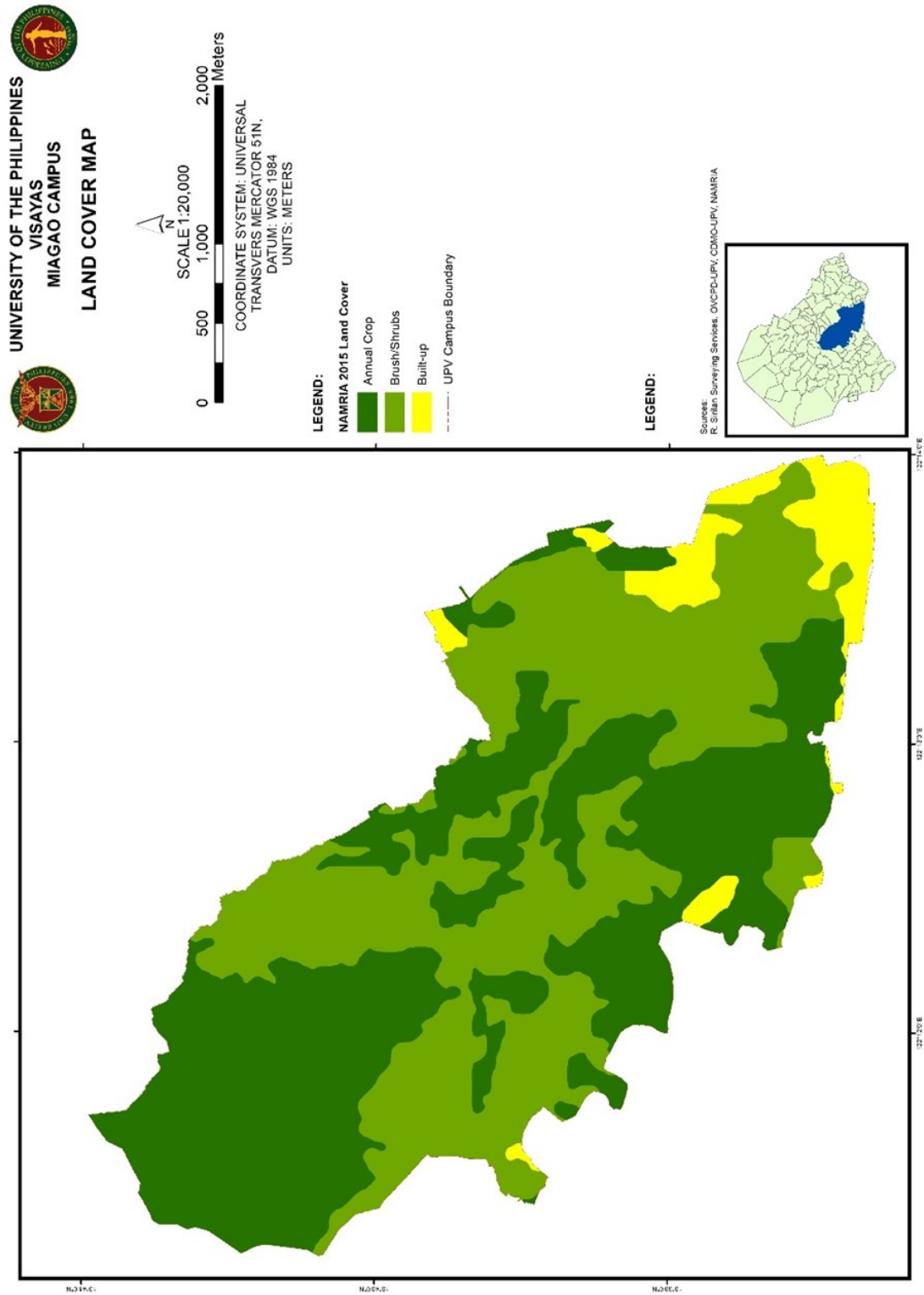
Developments along the southern side of the lot bounded by the Guimaras Strait will be benefitting from the views and atmospheric conditions afforded by this natural body of water. Partially unobstructed views to and from the strait, as well as the free circulating air, is characteristic of the agricultural and grasslands in the southwestern area. Obstruction is due mainly to the existing trees and other vegetation. The major traffic conditions along the national roads on the eastern and southern parts of the campus could be a potential source of noise and air pollution, especially to buildings and other facilities nearest the area. On roads within the campus, the trees lining the roads, which are characteristic of UP campuses, help in creating a particular ambiance that increases the comfort of the users and strengthens their connection with nature.

Uses of the coastal ecosystems

The coastal ecosystem in Miagao is used as a venue to conduct the following:

1. Instructional field ecology exercises, fishing activities, navigation, and other fisheries-related activities
2. Special problem/thesis and research on topics like nearshore fisheries, shallow water ecology, sandy shore community biodiversity and ecology; beach profiling to examine coastal processes;
3. Research activities related to aquaculture and capture fisheries

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2.2 Actual Land Use and Land Use Trends

2.2.1 Actual Land Uses

The Miagao Campus land use is predominantly protected natural open spaces, comprising about 41% of the total land area. The second most dominant land use is programmed open spaces at about 36% of the total land area. Allocation for science and technology parks, resource generation zone, and historical and tourism districts is evidently absent in the current land use. The campus core takes up a very minimal 0.34% of the total land area. The table below shows the categories and the corresponding area occupied per land use category, visually presented in the figure on actual land use on Miagao campus.

Table 2- 4. Area of Actual Land Uses for UPV Miagao

	LUDIP Category	Area (sqm)	Percent of Total
A	Campus Core	22,542.00	0.34%
B	Academic/Academic Support	242,472.00	3.61%
	ACAD-1	160,728.00	
	ACAD-2	81,744.00	
C	Science and Technology Park		0.00%
D	Resource Generation Zone		0.00%
E	Residential/Mixed-use Zone	383,305.00	5.71%
	R-1	60,462.00	
	R-2	83,008.00	
	R-3	239,835.00	
F	Community Services	50,663.00	0.75%
	COMM-1	11,151.00	
	COMM-2	39,512.00	
G	Historical and Tourism District		0.00%
H	Programmed Open Spaces	2,427,468.00	36.16%
I	Protected Natural Open Spaces	2,750,874.00	40.97%
J	Agricultural Zones	836,466.00	12.46%
	AGRI-1	836,466.00	
	AGRI-2	0.00	
	AGRI-3	0.00	
	TOTAL	6,713,790.00	100.00%

Source: OVCPD, 2021

Figure 2-16 shows the actual land use of Miagao Campus. Currently, there is no land use category in Miagao except for the actual land uses as per shown on the map above. This actual land use map is a result of the assessment of the current, actual uses of the Miagao Campus. At present, the biggest land use is allocated to Protected Natural Open Space and most of the built-up area is concentrated in the lowland portion of the property, near the major road networks of the municipality.

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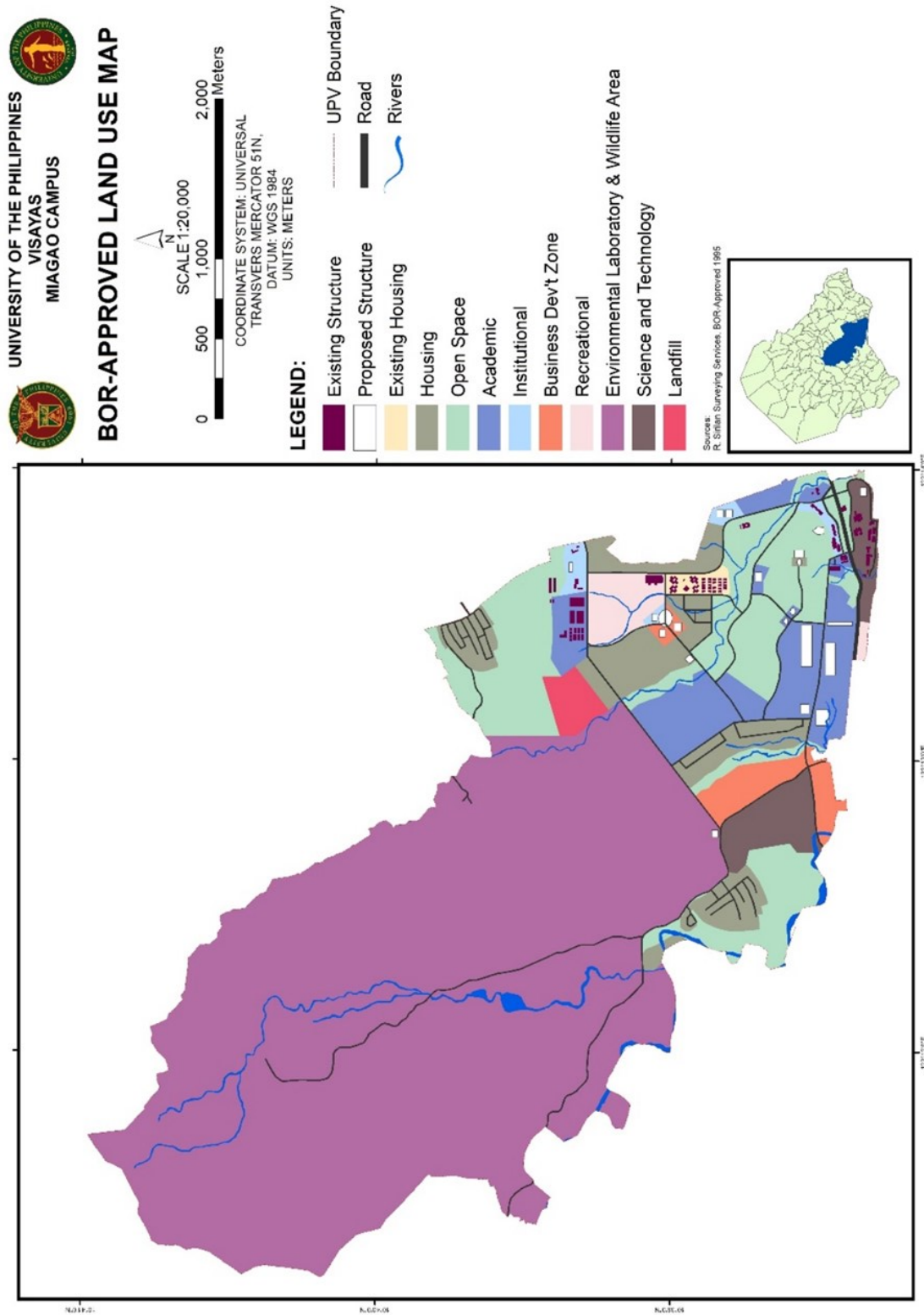


Figure 2-16. BOR-approved 1995 Campus Land Use Map

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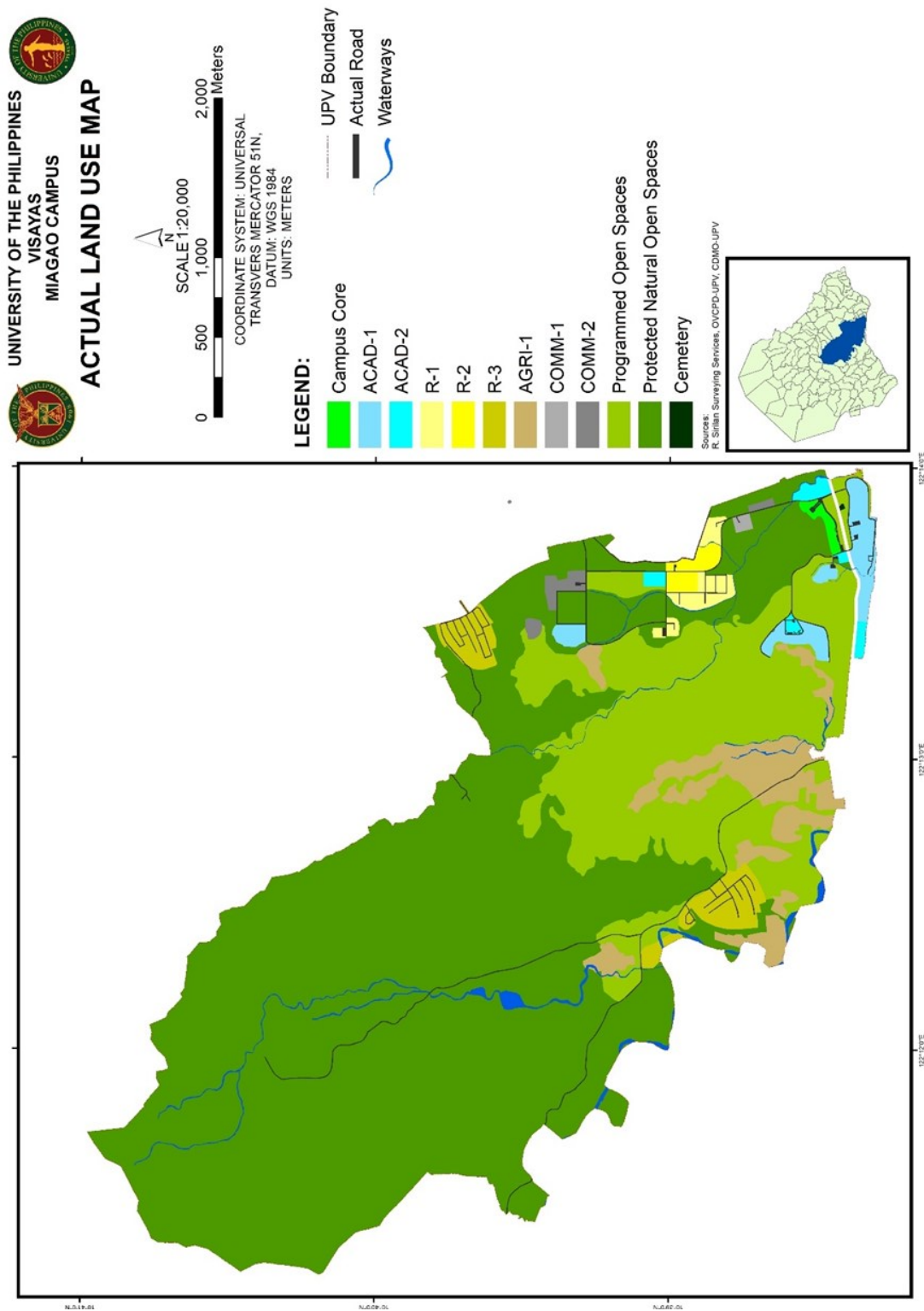


Figure 2-17. Actual Land Use Map

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Table 2.5 Current income generating projects and facilities in UPV Miagao campus

	Miagao
Current:	
Resource-based	Green Bamboo (Bamboo Enterprise Development Project)
	Diwata Shore Complex
	Green Maroon Venture (IGP)
	Bambusetum
Innovation Hub	Coastline 5023 FTBI

Services/Activities with the Wider Community

- Extension Services/Trainings conducted by different colleges and units
- Annual UPV- Miagao Friendship Day (except during pandemic)
- Participation per invite of the LGU

Shared Service Facilities with the LGU

- Water Distribution
- Some portions of the roads are used for wellness activities
- Sports facilities
- Health Services Unit/Infirmary
- UPV Community-based Bamboo Enterprise/Green Bamboo
- UPV Balay-Balay Child Minding Center
- Coastline 5023 Fisheries Technology Business Incubator
- Agri-Aqua Kitchen Makerspace @ Coastline 5023 FTBI

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2.2.2 Assessment of Land Requirement (Land Accounting)

The assessment was done using the results of the Sirilan survey and compared the land requirements from the other land use plans of the campus. Three land area assessments were compared from the following plans/maps:

- UPV Master Development Plan-Development Principles and Design Guidelines
- BOR Land Use Map (1995)
- Recreate OVCPD Map-2021
- Actual/Existing Land Utilization 2021

Table 2– 6. UPV MIAGAO CAMPUS, EXISTING LAND USE AREA

	LAND USE CLASSIFICATION (SOURCE: UPV Master Development Plan-Development Principles and Design Guidelines page 8-12)	BOR-approved (1995) LAND USE CLASSIFICATION SOURCE: BOR Land use Map (1995)	BOR-approved (1995) Land Area (SQM)	ACTUAL AREA/ EXISTING AREA (SQ.M.) Reference: Recreate OVCPD Map-2021(LUDIP Opening)	ACTUAL/ EXISTING LAND UTILIZATION (%)
A	Campus Core			23,244	0.19
B	Academic/Academic Support	Academic/ Academic Support	659,000	248,178	2.03
	ACAD-1			188,035	
	ACAD-2			60,143	
C	Science and Technology Park	Science and Technology Park	212,000		
D	Resource Generation Zone	Business Development Zone	260,000		
	Residential/Mixed-use Zone	Housing Area	370,000	381,344.869	3.12
	R-1			84,337	
E	R-2			58,946	
	R-3			238,061	
	Community Services			62,518.182	0.51
F	COMM-1			10,564	
	COMM-2			51,954	
		Landfill Reference: OVCPD Map-2021 (BOR Base Map 1995) Not included in the Table.	107,670		

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	LAND USE CLASSIFICATION (SOURCE: UPV Master Development Plan- Development Principles and Design Guidelines page 8-12)	BOR-approved (1995) LAND USE CLASSIFICATION SOURCE: BOR Land use Map (1995)	BOR-approved (1995) Land Area (SQM)	ACTUAL AREA/ EXISTING AREA (SQ.M.) Reference: Recreate OVCPD Map-2021(LUDIP Opening)	ACTUAL/ EXISTING LAND UTILIZATION (%)
G	Historical and Tourism District				
H	Programmed Open Spaces	Easements, Parks, & Open Areas	657,000	2,562,985	20.97
I	Protected Natural Open Spaces	Environmental Laboratory and Wildlife Area <i>Reference: OVCPD Map-2021 (BOR Base Map 1995) Not included in the Table</i>	9,309,597	7,619,072	62.34
	Agricultural Zones			814,269	6.66
J	AGRI-1				
	AGRI-2				
	AGRI-3				
K	COMMERCIAL	COMMERCIAL	30,000		
L	INSTITUTIONAL	INSTITUTIONAL	98,000		
M	Road - Fenced Area	Roads	374,000	241,816	1.98
N	Road - Outside Fenced Area				
O	Sports/Recreation/Arts	Sports/Recreation/ Arts	145,000		
P	Cemetery (Source: Sirilan Survey)			1,034	0.01
Q	Waterways			267,807	2.19
	TOTAL		12,222,267	12,222,267	100

File Source: Miagao-Land-Accounting-23-11-2021.xlsx, worksheet: SUMMARY MIAGAO CAMPUS

Data Source: design Team-SIRILAN Surveying Office (CADD Boundary-Parcellary Survey-Base Map) & SARP; As of: November 16, 2021

Notes:

BOR Land sizes value is reflected in the report in analysis in 1995 which was conducted by PB Ortigas, JR. & Associates (A Report on the Proposed Land Plan-UPV Miagao) (Land Use Site Analysis Table)

The total Area from BOR 1995 LAND USE PLAN is only 2,805,000sq.m., Environmental Laboratory and Wildlife Area= 9,309,597sq.m. and Landfill Area= 107,670sq.m. was not included in the total area of UPV Miagao which is 12,222,267sq.m.

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2.3 Population Projection, Classroom Requirement, and Housing Requirement

2.3.1 Forecasts based on Growth Rates

The table below shows the number of faculty members, REPS and admin staff, central administration officials and personnel, and students for the Academic Year 2011 – 2012 to AY 2020 – 2021, as well as their 10-year forecasted values for AY 2021 – 2022 to AY 2030 – 2031 based on determined stable growth rates. For faculty members, the bases of the forecasted values are the 3.78% and 3.50% average growth rate for male and female, respectively, in the last five academic years. For REPS and administrative staff, the bases of the forecasts are the 0.10% and 7.43% average growth rates of male and female, respectively, in the past 5 academic years (AY 2016 – 2017 to AY 2020 – 2021) was used while for the central administration officials and personnel, the average growth rates of 3.18% and 2.53% for male and female, respectively, in the past 10 academic years was used.

Table 2– 7. Table 1. Actual (AY 2011-2012 to AY 2020-2021) and Forecasted (AY 2021-2022 to 2030-2031) Faculty, REPS, Staff, and Central Administration Populations in UPV Miagao Campus with CM Faculty, REPS, and Staff

Academic Year	Total Faculty Members			Total REPS and Admins			Central Administration		
	Male	Fe-male	Total	Male	Fe-male	Total	Male	Fe-male	Total
AY 2011-2012	90	123	213	61	53	114	96	135	231
AY 2012-2013	95	134	229	61	54	115	94	137	231
AY 2013-2014	103	135	238	57	51	108	94	137	231
AY 2014-2015	109	130	239	56	50	106	94	131	225
AY 2015-2016	103	124	227	54	51	105	92	134	226
AY 2016-2017	97	126	223	57	57	114	98	133	231
AY 2017-2018	97	126	223	56	57	113	101	136	237
AY 2018-2019	104	137	241	59	69	128	113	158	271
AY 2019-2020	115	142	257	56	72	128	115	159	274
AY 2020-2021	123	147	270	54	72	126	126	167	293
Forecasts									
AY 2021-2022	128	152	280	54	77	131	130	171	301
AY 2022-2023	133	157	290	54	83	137	134	175	309
AY 2023-2024	138	162	300	54	89	143	138	179	317
AY 2024-2025	143	168	311	54	96	150	142	184	326
AY 2025-2026	148	174	322	54	103	157	147	189	336
AY 2026-2027	154	180	334	54	111	165	152	194	346
AY 2027-2028	160	186	346	54	119	173	157	199	356
AY 2028-2029	166	193	359	54	128	182	162	204	366
AY 2029-2030	172	200	372	54	138	192	167	209	376
AY 2030-2031	179	207	386	54	148	202	172	214	386

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For the population of students, Table 2 below shows the actual and projected number of students in the Miagao Campus together with the student population from the College of Management. The forecasted values are based on the average growth rate of 9.13% and 6.04% for male and female students before the K-12 curriculum implementation, i.e. from AY 2011 – 2012 to AY 2015 – 2016.

Table 2– 8. Actual (AY 2011-2012 to AY 2020-2021) and Forecasted (AY 2021-2022 to 2030-2031) Student Populations in UPV Miagao Campus with CM students

Academic Year	Miagao Colleges/School + CM		
	Male	Female	Total
AY 2011-2012	715	1963	2678
AY 2012-2013	732	2184	2916
AY 2013-2014	857	2276	3133
AY 2014-2015	911	2370	3281
AY 2015-2016	1009	2478	3487
AY 2016-2017	844	1937	2781
AY 2017-2018	657	1421	2078
AY 2018-2019	700	1471	2171
AY 2019-2020	712	1510	2222
AY 2020-2021	847	1904	2751
Forecasts			
AY 2021-2022	924	2019	2943
AY 2022-2023	1008	2141	3149
AY 2023-2024	1100	2270	3370
AY 2024-2025	1200	2407	3607
AY 2025-2026	1310	2552	3862
AY 2026-2027	1430	2706	4136
AY 2027-2028	1561	2869	4430
AY 2028-2029	1703	3042	4745
AY 2029-2030	1858	3226	5084
AY 2030-2031	2028	3421	5449

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2.3.2 Additional Classroom Projection

Table 2– 9. Actual Enrolment* for AY 2015-2016, AY 2021-2022 and AY 2022-2023; Projected Enrolment for AY 2023-2024 and additional classrooms

College	AY 2015-2016	AY 2021-2022	AY 2022-2023	AY 2023 - 2024 Projection		Classrooms**
	Actual	Actual	Actual	Students	Excess	
CAS	1831	1541	1913	1913	82	3
CM	1119	741	1019	1019	1019	30
CFOS	424	374	405	405	0	0
SOTECH	333	284	354	354	21	1
Total	3707	2940	3691	3691	1222	34

*Based on enrolment data from OUR as seen in the CRSIS

**Classroom size is 9mx7m and classroom-student ratio is 1:35 for certain courses. Student number per classroom is decreased depending on the nature of courses.

- The table above shows that a total of 3,707 students were enrolled in different undergraduate and graduate programs offered by CAS, CM, CFOS, and SOTECH during AY 2015 – 2016, the last academic year that all programs have students in all year levels, i.e., before the effect of the implementation of the K-12 program. In this academic year, all classrooms are in their full capacity and problems in scheduling of classes and lack of classrooms were already happening.
- During AY 2021 – 2022, the first batch of K-12 graduates were in their fourth year in the university and a total of 2,940 students were enrolled in these programs. Take note that this total is lower than that of AY 2015 – 2016.
- However, there are increases in the enrolment for AY 2022 – 2023 in all colleges and school especially from CAS and CM. A total of 3,691 students enrolled in different programs from these colleges/school.
- Assuming that CAS maintains its current enrolment of 1,913 students in AY 2023 – 2024 and a full face-to-face learning mode is implemented, additional 3 classrooms should be made available to cater the additional 82 students from the AY 2015-2016 reference. Each classroom is assumed to have a full capacity of 35 students.
- Assuming SOTECH also maintains its current enrolment of 354 in AY 2023 – 2024, one additional classroom should be made available to cater the additional 21 students as seen in Table 1. This is assuming that the available classrooms in the new SOTECH building is the same with their old building.
- For CFOS, if we assume that the current enrolment will be the same for AY 2023 – 2024, no additional classrooms will be needed because their current enrolment is still lower than the AY 2015 – 2016 enrolment.
- Assuming CM will transfer to Miagao, all its 1019 current students should be housed to 30 classrooms. This makes the total number of additional classrooms equal to 34. However, the old SOTECH building which has 10 existing classrooms, will be used temporarily by CM. This decreased the needed classrooms to 24.

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The Miagao campus has 7 dormitories for students, faculty, staff, and visitors. The table below shows the sex-segregated data of the users of the various dormitories from 2022-2022. During the height of the pandemic (AY 2020-2021), majority of the dormitories were closed to users and have just opened for second semester of AY 2020-2021. To date, all dorms have not yet become fully functional but will do so in the second semester of AY 2021-2022.

Table 2– 10. Number of Admitted Dormers in Residential Dormitories in Miagao Campus from AY 2011-2012 to AY 2022-2023

Academic Year	Balay Apitong		Balay Gumame-la		Bala Kan-laon		Balay Lampi-rong		Balay Madyaas		Balay Miagos I ^a		Balay Miagos II ^a	
	F	M	F	M	F	M	F	M	F	M	F	M	F	M
AY 2011-2012														
First Semester	35	20	68	52	50	114	70	46	102	70	-	-	-	-
Second Semester	34	14	68	52	52	114	63	43	102	70	-	-	-	-
AY 2012-2013														
First Semester	45	15	72	45	54	116	68	50	102	70	-	-	-	-
Second Semester	41	14	72	44	56	116	68	50	102	70	-	-	-	-
AY 2013-2014														
First Semester	45	15	68	48	53	114	68	44	102	70	-	-	-	-
Second Semester	48	19	68	48	54	115	68	44	102	70	-	-	-	-
AY 2014-2015														
First Semester	42	24	70	50	56	116	67	47	102	70	-	-	-	-
Second Semester	46	14	70	50	56	116	67	47	102	70	-	-	-	-
AY 2015-2016														
First Semester	51	18	68	54	56	115	68	47	102	70	-	-	-	-
Second Semester	47	17	69	54	55	115	68	46	102	70	-	-	-	-

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2.3.3 Housing Project Sites Identified

No.	Project Title	Site/ Location	Number of Units (building)	Land Area (HA)	Implementing SUC	Status of LUDIP	Dormitory / Employees' Housing	Budgetary Requirements	Remarks
1	INTERNATIONAL DORMITORY	Miagao Campus, Miagao, Iloilo	3 units, (90 Rooms, 10 PWD rooms) per building, 600 Occupants	From 0.52 ha <i>International Dormitory of 4..2 ha</i>	UPV	UP-BOR Approved on its 1374 th meeting on September 29, 2022	Student Dormitory	381 M	1 building with 5 floors per bldg.
2	STUDENT DORMITORY	Miagao Campus, Miagao, Iloilo	2 units, 60 Rooms, 144 Occupants	From 0.2 ha to a <i>total proposed land for Miagos Dormitory of 1.35 ha</i>	University of the Philippines Visayas	UP-BOR Approved on its 1374 th meeting on September 29, 2022	Student Dormitory	180 M	2 floors Assumption; at least 25% of the total student population is housed on-campus

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No.	Project Title	Site/ Location	Number of Units (building)	Land Area (HA)	Implementing SUC	Status of LUDIP	Dormitory / Employees' Housing	Budgetary Requirements	Remarks
3	STAFF & FACULTY HOUSING	Miagao Campus, Miagao, Iloilo	1 unit, 29 Rooms, 56 Occupants	From 0.14 ha to a <i>proposed land area of 0.76 ha</i>	University of the Philippines Visayas	UP-BOR Approved on its 1374 th meeting on September 29, 2022	Employee Housing	68 M	3 floors, bachelor's pad
4	BAMBOO HOUSING	Miagao Campus, Miagao, Iloilo	5 units with family per unit	From 0.0041 ha to a proposed land area for Bamboo Village of 2.7 ha	University of the Philippines Visayas	UP-BOR Approved on its 1374 th meeting on September 29, 2022	Employee Housing	6.5 M	Single detached

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2.4 Inventory of Landholdings

The increase in the total land area, from 1,222.2 hectares to 1,260.9 hectares was noted after verifying the technical descriptions of the lots located in Barangays Bugtong Lumangan, Igpaho, Sag-on, and Diday with a difference of 39.2381 hectares over what was previously reported. Moreover, a decrease in the total land area of Brgy. Sapa was also noted with a difference of (0.2782) hectares.² The current agreed planned area is 1,222.2 hectares.

2.4.1 Status of UPV Miagao Land Properties

Table 2– 11. Status of UPV Miagao Land Properties by Paid & Unpaid Lots (as of November 2021, 574.8453 hectares are fully paid)

Property Description	Area (ha.)	Total Area (ha.)
Miagao Campus		
A. Paid Lots		
Covered with:		
Presidential Proclamation No. 306 & Special Patent No. 3631	280.8147	508.0675
Presidential Proclamation No. 866 and with pending Special Patent application with LMB	227.2528	
Original Certificate of Titles: E-1977, F-20019 & O-3747 (Transfer of titles still to be processed. Lots covered by	12.8733	66.7778
Deed of Absolute Sale	53.9045	
TOTAL PAID LOTS		574.8453
B. Unpaid Lots		
Lots to be Purchased (Packet Lots and other Lots outside packet lots)		
Area within the paid lots	274. 6764 (277.1421)	
Area without a single lot purchased: Brgy. Sag-on - - - - - 73.0791 hectares Brgy. Diday- - - - - 335.8934 hectares	373.7003 (408.9725)	
TOTAL UNPAID AREA		647.3767 (686.1146)
TOTAL AREA for UPV Miagao Campus		1,222.222 (1260.9599)

Source: OVCPD-SARP, 2021; Figures in parentheses were the results in one survey document (1,260.9) done by Sirilan surveying firm, the same surveying firm that conducted the first survey (1,222.2 has.)

² Source: OVCPD, 16 June 2021

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Table 2- 12. Characteristics and Description of UPV Miagao Property

CHARACTERISTICS	<i>DETAILS</i>
Total Area (in hectares)	1,222 hectares
Total No. of Lots	2,019 lots
Size of Parcels	Area ranges from sq. meters to hectares per parcel
Shape of Parcels	Rectangular and multi-sided lots
Ownership Status	Deed of Sale as proof of ownership and Special Patent No. assignment for OCT issuance; tax declarations for some portions were also secured from LGU Miagao Assessor
No. of Barangays Covered	13 barangays
Relocation Centers	2
Number of Informal Settlers	at least 170 households as of 2018

Source: Description of UP Visayas- Miagao and Iloilo City Properties, 10 June 2021. Powerpoint Presentation, slides 4-7

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2.5. Facilities and Structures

There are at least 31 facilities and structures identified with a combined total area occupied of 56,821.14 square meters. The biggest facility is a covered court occupying 9.90% of the total built-up area. The smallest office is the Pagbutlak office occupying about 0.02% of the built-up area.

Table 2- 13. Facilities in UP Miagao Campus

	Buildings/Facilities	Area (sq.m.)
1	Freshwater Aquaculture Station	854.53
2	Physical Plant Office	1,163.50
3	Covered Court	4,464.00
	Department of Physical Education	300.00
4	Balay Madya-as	1,050.70
5	Balay Kanlaon	1,050.70
6	Balay Miagos	1,926.00
7	Common Dining Hall	620.00
8	Balay Gumamela	436.35
9	Balay Apitong	1,017.00
10	Balay Lampirong	436.35
11	Staff Houses	7,126.00
12	Executive House	603.53
13	Infirmery Building	802.03
14	UPV Security Service Force Office	105.30
15	Administration Building	2,810.13
	Auxiliary Services Office	36.00
	Budget Office	71.50
	Cash Office	103.58
	Commission on Audit	35.60
	PAHINUNGOD	76.10
	Human Resource Development Office	116.50
	Information and Publications Office	35.50
	New Admin Conference Room	45.50
	Office of the Chancellor	125.00
	Office of the University Registrar	182.00
	Office of the Vice Chancellor for Academic Affairs	36.00

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	Buildings/Facilities	Area (sq.m.)
	Office of the Vice Chancellor for Administration	72.00
	Office of the Vice Chacellor for Planning and Development	108.00
	Office of the Vice Chancellor for Research and Extension	140.00
	Site Acquisition and Resettlement Project	52.50
	Supply and Property Services Office	28.35
16	School of Technology	1,155.65
	Office of the Dean	20.00
	Office of the College Secretary	68.00
17	Chancellor's Park	500.00
18	Villadolid Hall (Old Administration Building)	1,845.86
	Accounting Office	153.45
	Payroll	35.00
	Bookkeeping (Student Loan Board)	56.70
19	College of Fisheries and Ocean Sciences	
	Office of the Dean	220.00
	Office of the College Secretary	57.50
	Institute of Aquaculture	50.00
	Institute of Fish Processing Technology	50.00
	Institute of Fisheries Policy and Development Studies	50.00
	Institute of Marine Fisheries and Oceanology	2,370.05
	Computerized Registration and Student Information System	25.00
	Data and Information Systems Program	48.50
	NSTP Office	30.00
	UPV Employee Cooperative	38.60
	UPV Foundation Incorporated	63.40
	UP Provident Fund	25.00
20	University Library	1,387.50
	UPV Museum of Natural Sciences	906.69
21	Landbank of the Philippines	87.00
22	CAS Cooperative Center	10.00
23	CAS Park	50

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	Buildings/Facilities	Area (sq.m.)
24	CAS Student Council	20
25	Tomas Fonacier Building (CAS)	7,632.60
	Office of the Dean	125.00
	Office of the College Secretary	104.00
	Department of Chemistry	64.00
	Division of Biology Sciences	128.00
	Division of Humanities	160.00
	Division of Physical Sciences and Mathematics	33.00
	Division of Social Sciences	64.00
	Interactive Learning Program	25.00
	Interactive Audio Visual Room	160.00
	Interactive Classroom	113.00
26	College Union Building	2,582.48
	Anti-Sexual Harassment Office	54.00
	Cafeteria	543.00
	Office of the University Student Council	52.00
	Office of the Student Affairs	151.00
	Office of the Student Financial Assistance	127.50
	Pagbutlak Office	12
	Teaching and Learning Resource Center	157.54
	UPV Cooperative Grocery Store	80.00
	ROTC Office	150.00
27	Bowling Alley	160.55
28	Pidlaoan Hall	1,014.09
	Audio-Visual Hall	533.60
	CFOS Student Council Office	20.00
	Pidlaoan Classrooms (AV Rooms)	192.06
	GRASFA Office	20
29	Umali Hall (CFOS Faculty Center)	500.57
	Conference Room	78.25
	Agriculture and Fisheries Research and Development Information System	56.40
	Fisheries Geographic Information System (GIS) Computer Laboratory	41.60
30	Hatchery	5,000.00
31	Oceanarium	1,433.75
	Total	56,821.14

Source: UPV-CDMO, 2021

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Table List of buildings and utilities according to foot print, floor area, age, and conditional assessment

Seq.	Campus Site	Building Name	Use	Footprints (sq.m.)	Floor Area (sq.m.)	Footprint/ Floor Area	Age as of December 2022	Condition Assessment as of December
1	Milag-ao	Audio Visual	Academic	1,410.00	1,410.00	1.00	40	4
2	Milag-ao	CFOS Bldg. (Villadolid Hall)	Admin. Of- fice	930.77	1,817.00	0.51	40	4
3	Milagao	CFOS Garage	Service	140.00	140.00	1.00	9	4
4	Milag-ao	Cluster Apartment 1	Housing	225.00	450.00	0.50	40	3
5	Milag-ao	Cluster Apartment 2	Housing	225.00	450.00	0.50	40	3
6	Milag-ao	Cluster Apartment 3	Housing	225.00	450.00	0.50	40	3
7	Milag-ao	Cluster Apartment 4	Housing	225.00	450.00	0.50	40	3
8	Milag-ao	College of Arts & Sciences	Academic/ Research	2,808.21	8,640.00	0.33	24	4
9	Milag-ao	College Union Building	Admin./ Service	1,621.90	2,912.00	0.56	40	4
10	Milag-ao	Common Dining Hall	Commercial	841.00	841.00	1.00	40	4
11	Milag-ao	Covered Court	Multi- Purpose	2,067.00	2,067.00	1.00	25	4
12	Milag-ao	Executive House	Housing	653.00	653.00	1.00	40	4
13	Milag-ao	Faculty Center	Admin. Of- fice	1,546.00	1,963.00	0.79	40	4
14	Milag-ao	FAS	Academic/ Research	876.00	876.00	1.00	31	4
15	Milag-ao	Hall 1 (Balay Lampirong) Hall 1	Dormitory	1,051.36	1,512.67	0.70	40	4
16	Milag-ao	Girls Dorm 1.5A (Balay Gumamela)	Dormitory	1,051.36	1,512.67	0.70	40	4

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Table List of buildings and utilities according to foot print, floor area, age, and conditional assessment

17	Miag-ao	Graduate Hall (Balay Apitong)	Dormitory	1,443.00	1,443.00	1.00	40	4
18	Miag-ao	Boys Dorm 2.1 (Balay Madya-as)	Dormitory	1,108.00	2,088.00	0.53	40	4
19	Miag-ao	Hall 2 (Balay Kanlaon)	Dormitory	1,108.00	2,088.00	0.53	40	4
20	Miag-ao	Infirmary	Admin./ Service	1,103.00	1,103.00	1.00	40	4
21	Miag-ao	Library/ Museum	Admin./ Service	2,028.00	2,028.00	1.00	40	4
22	Miag-ao	Multi-Purpose Building, Diwata Shore	Multi-Purpose	563.00	563.00	1.00	9	4
23	Miag-ao	Multi-purpose Hall	Multi-Purpose	144.00	144.00	1.00	30	4
24	Miag-ao	Multi-purpose Hatchery	Research	375.00	375.00	1.00	33	4
25	Miag-ao	New Administration Building	Admin. Of- fice	1,382.24	2,810.00	0.49	24	4
26	Miag-ao	Physical Plant	Admin. Of- fice	978.00	978.00	1.00	40	4
27	Miag-ao	Sotech Annex/CM Miagao	Acad. & Admin.	415.00	415.00	1.00	22	4
28	Miag-ao	Sotech Building/CM Miagao	Academic	481.31	911.72	0.53	23	4
29	Miag-ao	Staff Cottage No. 1	Housing	187.00	187.00	1.00	40	4
30	Miag-ao	Staff Cottage No. 10	Housing	187.00	187.00	1.00	40	4
31	Miag-ao	Staff Cottage No. 11	Housing	187.00	187.00	1.00	40	4
32	Miag-ao	Staff Cottage No. 14	Housing	187.00	187.00	1.00	40	4

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Table List of buildings and utilities according to foot print, floor area, age, and conditional assessment

33	Miag-ao	Staff Cottage No. 15	Housing	187.00	187.00	1.00	40	4
34	Miag-ao	Staff Cottage No. 16	Housing	187.00	187.00	1.00	40	4
35	Miag-ao	Staff Cottage No. 17	Housing	187.00	187.00	1.00	40	4
36	Miag-ao	Staff Cottage No. 18	Housing	187.00	187.00	1.00	40	4
37	Miag-ao	Staff Cottage No. 19	Housing	187.00	187.00	1.00	40	4
38	Miag-ao	Staff Cottage No. 2	Housing	187.00	187.00	1.00	40	4
39	Miag-ao	Staff Cottage No. 20	Housing	187.00	187.00	1.00	40	4
40	Miag-ao	Staff Cottage No. 21	Housing	187.00	187.00	1.00	40	4
41	Miag-ao	Staff Cottage No. 22	Housing	187.00	187.00	1.00	40	4
42	Miag-ao	Staff Cottage No. 23	Housing	187.00	187.00	1.00	40	4
43	Miag-ao	Staff Cottage No. 24	Housing	187.00	187.00	1.00	40	4
44	Miag-ao	Staff Cottage No. 25	Housing	187.00	187.00	1.00	40	4
45	Miag-ao	Staff Cottage No. 26	Housing	187.00	187.00	1.00	40	4
46	Miag-ao	Staff Cottage No. 27	Housing	187.00	187.00	1.00	40	4
47	Miag-ao	Staff Cottage No. 28	Housing	187.00	187.00	1.00	40	4
48	Miag-ao	Staff Cottage No. 3	Housing	187.00	187.00	1.00	40	4

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49	Mlag-ao	Staff Cottage No. 30	Housing	187.00	187.00	1.00	40	4
50	Mlag-ao	Staff Cottage No. 31	Housing	187.00	187.00	1.00	40	4
51	Mlag-ao	Staff Cottage No. 32	Housing	187.00	187.00	1.00	40	4
52	Mlag-ao	Staff Cottage No. 33	Housing	187.00	187.00	1.00	40	4
53	Mlag-ao	Staff Cottage No. 34	Housing	187.00	187.00	1.00	40	4
54	Mlag-ao	Staff Cottage No. 35	Housing	187.00	187.00	1.00	40	4
55	Mlag-ao	Staff Cottage No. 36	Housing	187.00	187.00	1.00	40	4
56	Mlag-ao	Staff Cottage No. 4	Housing	187.00	187.00	1.00	40	4
57	Mlag-ao	Staff Cottage No. 5	Housing	187.00	187.00	1.00	40	4
58	Mlag-ao	Staff Cottage No. 6	Housing	187.00	187.00	1.00	40	4
59	Mlag-ao	Staff Cottage No. 7	Housing	187.00	187.00	1.00	40	4
60	Mlag-ao	Wet & Dry Lab Complex	Academic/ Research	876.00	876.00	1.00	33	4
61	Mlag-ao	Wet & Dry Laboratory 1	Academic/ Research	1,694.00	2,311.84	0.73	40	4
62	Mlag-ao	Wet & Dry Laboratory 2	Academic/ Research	875.00	875.00	1.00	40	4
63	Mlag-ao	Wet & Dry Laboratory 3	Academic/ Research	1,232.00	1,232.00	1.00	40	4
64	Mlag-ao	Wet & Dry Laboratory 4	Academic/ Research	657.00	657.00	1.00	40	4
65	Mlag-ao	Wet & Dry Laboratory 5	Academic/ Research	509.00	509.00	1.00	40	4
66	Mlag-ao	Wet & Dry Laboratory 5A	Academic/ Research	500.00	500.00	1.00	40	4
67	Mlag-ao	ZOO SHED 102 (CAS)	Academic/ Research	33.00	33.00	1.00	19	3
68	Mlag-ao	Power House At NIMBB (Bldg. 2) Inclusive of Generator	Service	21.00	21.00	1.00	11	3
69	Mlagao	UPV Oceanarium/Multi-Purpose Building, Diwata Aquascape	Multi-Purpose	426.00	426.00	1.00	10	4
70	Mlagao	2-Storey Student Dormitory/Balay Miagos - 1	Service	461.00	934	0.49	8	4
71	Mlagao	Security Service and Fire Station Office	Service	177.3	177.3	1.00	7	4
72	Mlagao	Balay-balay Child Minding Center	Academic	84.9	84.9	1.00	6	4

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Table List of buildings and utilities according to foot print, floor area, age, and conditional assessment

73	Miagao	School of Technology Building (Phase I, II & III)	Academic	2,710.10	8082	0.34	1		4
74	Miagao	Faculty and Staff Housing	Housing	590.00	1770	0.33	4		4
75	Miagao	2-Storey Student Dormitory/ Balay Miagos - 2 (International Dormitory)	Service	990.00	1982	0.50	3		4
76	Miagao	Regional Research Center (Phase 1,2 & 3)	Research	1,959.98	6071	0.32	1		5
77	Miagao	4-units Classroom for the Col- lege of Management	Academic	344.00	344	1.00	1		5
78	Miagao	UPV New Main Library Building Phase 1	Academic	2,288.00	3688	0.62	2		5
79	Miagao	SOTECH Power House	Service	45.88	45.88	1.00	1		5
80	Miagao	Bamboo Housing 1	Housing	45.85	45.85	1.00	2		4
81		Bamboo Housing 2		45.85	45.85	1.00	2		4
82		Bamboo Housing 3		45.85	45.85	1.00	2		4
83		Bamboo Housing 4		45.85	45.85	1.00	2		4
84		Bamboo Housing 5		45.85	45.85	1.00	2		4
85		Bamboo Housing 6		45.85	45.85	1.00	2		4
86		Bamboo Housing 7		45.85	45.85	1.00	2		4

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Table List of buildings and utilities according to foot print, floor area, age, and conditional assessment

UPV WATER SYSTEM				
1	Miagao	Collector Well	34	3
2		Rapid Sand Filter/Treatment Plant	34	3
3		Settling Basins	30	2
4		Distribution Lines	34	3
UPV WASTE WATER TREATMENT FACILITY				
1	Miagao Campus	Facultative Pond	34	2
2		Maturation Pond	34	2
3		Sewage Pipes	34	2
4		Man holes	34	2
Power Infrastructure Component				
	Miagao Campus	Diesel Generators		4
		Distribution Lines		3
		transformers		3

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Table 2-14. List of Buildings in UPV according to actual use, total number of rooms and utilization capacity

Se- quence No.	Building Name	Actual Use							Total No. of Roo ms	Utilized Ca- pacity
		Class- room	Labora- tory	Office/ Confer- ence Room	Re- search	Utili- ty Roo m	Com- fort Room	Bed- rooms		
MIAGAO CAMPUS										
1	Audio Visual	6		4		4	4		18	100%
2	CFOS Bldg. (Villadolid Hall)			20		5	6		31	100%
3	Cluster Apartment 1						8	16	24	100%
4	Cluster Apartment 2						8	16	24	100%
5	Cluster Apartment 3						8	16	24	100%
6	Cluster Apartment 4						8	8	16	100%
7	College of Arts & Sciences	26	21	24	1	11	16		99	Overcapacity by 30%
8	College Union Building	9		12		4	9		34	100%
9	Common Dining Hall					1		4	5	100%
10	Covered Court	3		1		2	7		13	100%
11	Executive House						5	5	10	100%
12	Faculty Center	3	2	75	10	3	12		105	100%
13	FAS		6	1		6	2		15	100%
14	Balay Lampirong			1		2	7	34	44	100%
15	Balay Gumamela					5	11	36	52	100%
16	Balay Apitong					5	11	36	52	100%

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17	Balay Madya-as			1		10	8	46	65	100%
18	Balay Kanlaon			1		10	8	46	65	100%
19	Infirmary		4	3		3	10	8 Medi-cal Rooms	28	100%
20	Library/ Museum	3	1	6		7	6		23	100%
21	Multi-purpose Hall				1		2		3	100%
22	Multi-purpose Hatchery		3				2		5	100%
23	New Administration Building			20			5		25	100%
24	Physical Plant		2				2		4	100%
25	Sotech Building/CM Miagao	6	3	3		3	4		19	100%
26	Staff Cottage No. 1						3	3	6	100%
27	Staff Cottage No. 10						3	3	6	100%
28	Staff Cottage No. 11						3	3	6	100%
29	Staff Cottage No. 14						3	3	6	100%
30	Staff Cottage No. 15						3	3	6	100%
31	Staff Cottage No. 16						3	3	6	100%
32	Staff Cottage No. 17						3	3	6	100%
33	Staff Cottage No. 18						3	3	6	100%
34	Staff Cottage No. 19						3	3	6	100%
35	Staff Cottage No. 2						3	3	6	100%
36	Staff Cottage No. 20						3	3	6	100%
37	Staff Cottage No. 21						3	3	6	100%
38	Staff Cottage No. 22						3	3	6	100%
39	Staff Cottage No. 23						3	3	6	100%
40	Staff Cottage No. 24						3	3	6	100%
41	Staff Cottage No. 25						3	3	6	100%
42	Staff Cottage No. 26						3	3	6	100%
43	Staff Cottage No. 27						3	3	6	100%
44	Staff Cottage No. 28						3	3	6	100%
45	Staff Cottage No. 3						3	3	6	100%
46	Staff Cottage No. 30						3	3	6	100%
47	Staff Cottage No. 31						3	3	6	100%
48	Staff Cottage No. 32						3	3	6	100%
49	Staff Cottage No. 33						3	3	6	100%

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50	Staff Cottage No. 34						3	3	6	100%
51	Staff Cottage No. 35						3	3	6	100%
52	Staff Cottage No. 36						3	3	6	100%
53	Staff Cottage No. 4						3	3	6	100%
54	Staff Cottage No. 5						3	3	6	100%
55	Staff Cottage No. 6						3	3	6	100%
56	Staff Cottage No. 7						3	3	6	100%
57	Wet & Dry Lab Complex		2	1		1	1		5	100%
58	Wet & Dry Laboratory 1	3	4	8	3	4	12		34	100%
59	Wet & Dry Laboratory 2		8			6	3		17	100%
60	Wet & Dry Laboratory 3		13	2	1	5	4		25	100%
61	Wet & Dry Laboratory 4	4	2	2		3	2		13	100%
62	Wet & Dry Laboratory 5		4			7	2		13	100%
63	Wet & Dry Laboratory 5A		4	1		5	2		12	100%
64	UPV Oceanarium/Multi-Purpose Building, Diwata Aquascape			1 AVR		1	2		4	100%
65	Security Service and Fire Station Office			1			1		2	100%
66	Balay-balay Child Minding Center	1					1		2	100%
67	School of Technology Building (Phase I, II & III)	10	10	5		2	8		35	100%
68	Faculty and Staff Housing					2		58	60	100%
69	Balay Miagos					4	4	20	28	100%
70	International Dormitory					10	26	60	96	100%
71	Regional Research Center (Phase 1, 2 & 3)		1	7	7	4	11		30	100%
72	4-units Classroom for the College of Management	4					2		6	100%
Total		78	90	199	23	135	343	494	1,371	

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Table 2– DORM

Dormitories	Total capacity per sem	AY 2011-2012				AY 2012-2013				AY 2013-2014			
		1st sem		2nd sem		1st sem		2nd sem		1st sem		2nd sem	
		F	M	F	M	F	M	F	M	F	M	F	M
Balay Apitong	68	35	20	34	14	45	15	41	14	45	15	48	19
Balay Gumamela	116	68	52	68	52	72	45	72	44	68	48	68	48
Balay Kanlaon	172	50	114	52	114	54	116	56	116	53	114	54	115
Balay Lampirong	116	70	46	63	43	68	50	68	50	68	44	68	44
Balay Madyaas	172	102	70	102	70	102	70	102	70	102	70	102	70
Balay Miagos*	108	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
International Dorm*	140	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<i>Iloilo City campus:</i>													
Balay Ilonggo	77	45	21	46	23	29	37	28	37	57	25	51	23

Source: OSA

Dormitories	Total capacity per sem	AY 2014-2015				AY 2015-2016				AY 2016-2017			
		1st sem		2nd Sem		1st sem		2nd sem		1st sem		2nd sem	
		F	M	F	M	F	M	F	M	F	M	F	M
Balay Apitong	68	42	24	46	14	51	18	47	17	47	23	48	21
Balay Gumamela	116	70	50	70	50	68	54	69	54	76	44	76	44
Balay Kanlaon	172	56	116	56	116	56	115	55	115	116	56	116	56
Balay Lampirong	116	67	47	67	47	68	47	68	46	68	48	68	40
Balay Madyaas	172	102	70	102	70	102	70	102	70	105	67	100	68
Balay Miagos*	108	NA	NA	NA	NA	NA	NA	NA	NA	27	7	52	25
International Dorm*	140	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<i>Iloilo City campus:</i>													
Balay Ilonggo	77	59	25	59	25	56	26	55	25	55	22	54	21

Source: OSA

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Dormitories	Total capacity per sem	AY 2017-2018				AY 2018-2019				AY 2019-2020			
		1st sem		2nd sem		1st sem		2nd sem		1st sem		2nd Sem	
		F	M	F	M	F	M	F	M	F	M	F	M
Balay Apitong	68	30	21	26	22	32	25	31	26	38	25	34	25
Balay Gumamela	116	71	40	71	42	72	44	72	44	72	44	71	44
Balay Kanlaon	172	97	55	98	49	119	49	116	53	89	49	120	39
Balay Lampirong	116	54	43	69	47	69	47	66	48	69	46	66	48
Balay Madyaas	172	97	50	101	48	85	48	85	48	88	50	47**	28**
Balay Miagos* International Dorm*	108	48	16	58	19	59	34	57	31	49	42	62	41
	140	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<i>Iloilo City campus:</i>													
Balay Ilonggo	77	56	21	57	20	53	28	49	26	49	26	57	23

Source: OSA

Dormitories	Total capacity per sem	AY 2020-2021				AY 2021-2022				AY 2022-2023			
		1st sem***		2nd sem		1st sem		2nd sem****		1st sem		2nd sem	
		F	M	F	M	F	M	F	M	F	M	F	M
Balay Apitong	68	10	8	NA	NA	NA	NA	NA	NA	26	15	-	-
Balay Gumamela	116	NA	NA	NA	NA	NA	NA	NA	NA	61	17	-	-
Balay Kanlaon	172	NA	NA	NA	NA	NA	NA	28	7	48	28	-	-
Balay Lampirong	116	NA	NA	NA	NA	NA	NA	30	8	47	26	-	-
Balay Madyaas	172	NA	NA	NA	NA	NA	NA	25	12	64	34	-	-
Balay Miagos* International Dorm*	108	NA	NA	NA	NA	NA	NA	N/A	N/A	30	13	-	-
	140	NA	NA	NA	NA	NA	NA	N/A	N/A	16	7	-	-
<i>Iloilo City campus:</i>													
Balay Ilonggo	77	NA	NA	NA	NA	NA	NA	N/A	N/A	27	12	-	-

Source: OSA

Note:

* Balay Miagaos started its operation First Semester of AY 2016-2017 while the International dorm this FS, AY 2022-2023

** Balay Madyaas was scheduled for rehabilitation, hence, admitted only 75 students

*** Balay Apitong accommodated the remaining locally stranded individuals (LSIs) students during pandemic, FS 2020-2021

**** Three dorms were opened to accommodate students enrolled in a limited face-to-face classes from March-June 2022

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Table 2- 15. Health Services Unit of UPV Miagao Campus, Area Occupied and Number of Personnel

Facility	Area (sq.m.)	Number of Beds	Number of Personnel	Kinds of Treatment Catered
UPV Health Services Unit	802.03	Not Applicable	21	Medical and Dental Consultation and Treatment
UPV Health Service Unit Diagnostic Center		Not Applicable		Level 1 Licensed X-ray Facility
UPV Health Service Unit Diagnostic Center		Not Applicable		2nd Level Clinical Laboratory

Source: HSU, 2021

Table 2- 16. Dormitory Occupancy AY 2011-2015, Miagao Campus (cont'd...)

Dormitories	FS 2011	SS 2011	FS 2012	SS 2012	FS 2013	SS 2013	FS 2014	SS 2014	FS 2015	SS 2015
Balay Apitong	55	48	60	55	60	67	66	60	69	64
Balay Gumamela	120	120	117	116	116	116	120	120	122	123
Balay Kanla-on	164	166	170	172	167	169	172	172	171	170
Balay Lampirong	116	106	118	118	112	112	114	114	115	114
Balay Madyaas	172	172	172	172	172	172	172	75	172	172
Balay Miagos	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
International Dorm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Source: RSU, 2021

Currently, there are seven (7) student dormitories on the Miagao campus. Prior to the pandemic, the bed capacity per room is 4 beds. The existing dorms are two storeys. Based on the assumptions that at least 25% of the student population should be accommodated on campus, the increase in the student population for the next ten years, and the reduction of occupants per room from 4 to 3 students, it is projected that the Miagao campus needs 2 additional dorms.

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Table 2- 17. Dormitory Occupancy AY 2016-2020, Miagao Campus (concluded)

Dormitories	FS 2016	SS 2016	FS 2017	SS 2017	FS 2018	SS 2018	FS 2019	SS 2019	FS 2020	SS 2020
Balay Apitong	70	69	51	48	57	57	63	59	18	NA
Balay Gumamela	120	120	111	113	116	116	116	115	NA	NA
Balay Kanlaon	172	172	152	147	168	169	138	159	NA	NA
Balay Lampirong	116	108	97	116	116	114	115	114	NA	NA
Balay Madyaas	172	168	147	149	133	133	138	75	NA	NA
Balay Miagos	34	77	64	77	93	88	91	103	NA	NA
International Dorm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Source: RSU, 2021

Notes:

- *Balay Gumamela Total Capacity is 120 from FS 2016-2017 up to SS 2016-2017 and 116 on other years*
- *Balay Madyaas was scheduled for rehabilitation in the 2nd semester of AY 2019-2020, hence, admitted only 75 students*
- *Balay Apitong Total Capacity were 70 & 69 in AY 2016-2017, hence, the Stockroom was temporarily converted into Regular Room to serve dormers who were in need.*
- *Only Balay Apitong accommodated the remaining LSI's on the FS 2020-2021*
- *NA - No data available; newly opened dormitories*

An additional 7 student dormitories are needed by 2030. Each building is 2 storeys and at least 25% of the total student population is assumed to be accommodated by the university per school year.

Table 2- 18. Staff & Faculty Housing Occupants, Miagao Campus, 2011-2020

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Occupants	101	92	90	89	83	101	102	104	98	94

Source: ASO, 2021

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Power Consumption

Power Consumption The table that follows shows the consumption of each building and office in kilowatt hours from 2018 to 2022. There was a noticeable decrease in power consumption in 2022 and 2021, the periods when very strict health restrictions were implemented. In 2022, power consumption has started to rise with in-person transactions in offices and limited face-to-face classes in certain academic levels allowed to take place again.

Table List of Annual Power Consumption in Kw.Hr. on each of Building and Facility

Buildings & Offices	2018	2019	2020	2021	2022
Audio Visual	39,026.00	36,835.60	17,980.00	22,097.04	26,760.00
Boys Dorm 2.1	27,360.00	26,200.00	9,954.00	2,240.00	8,040.00
Boys Dorm 2.2	40,120.00	42,440.00	19,360.00	5,880.00	11,360.00
Villadolid Hall	19,167.00	116,897.00	84,824.00	78,040.00	68,840.00
Collector Well	97,560.00	185,460.00	128,000.00	100,020.00	80,520.00
College of Arts & Sciences	193,980.62	141,805.00	3,116.00	66,520.00	63,660.00
MILC	9,840.00	8,560.00	3,160.00	650.00	580.00
CUB / OSA*	63,560.80	74,018.12	30,058.11	24,451.68	25,079.24
Covered Court	4,720.00	5,920.00	3,560.00	2,080.00	2,520.00
DISP/Server Room	43,751.00	39,745.00	32,413.00	24,276.00	23,040.00
Executive House	1,174.00	3,328.00	3,365.00	5,114.00	4,071.00
Faculty (Research) Center	27,394.00	26,370.00	22,120.00	19,736.40	28,720.00
FAS Bldg. *	35,426.00	55,880.00	46,735.72	48,640.00	38,080.00
Girls Dorm 1.0	16,080.00	13,265.00	12,318.00	953.00	1,981.00
Girls Dorm 1.5 A	31,513.00	29,725.00	15,897.00	2,166.00	8,494.00
Girls Dorm 1.5 B	27,259.00	25,328.00	10,071.00	799.00	4,649.00
Infirmary	34,683.92	37,530.65	27,814.05	41,307.92	37,160.58

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	Buildings & Of- fices	2018	2019	2020	2021	2022
18	Library *	38,197.98	40,168.32	19,970.16	37,257.77	36,156.11
19	LRC	20,773.00	19,559.79	12,490.19	26,149.05	32,601.09
20	Hatchery & Biol- ogy Lab.*	28,366.79	134,340.03	119,230.61	136,430.46	123,643.05
21	New Administra- tion Bldg. *	11,580.28	306,181.98	257,799.97	309,555.74	279,236.09
22	Physical Plant	16,560.00	16,320.00	13,720.00	9,480.00	11,360.00
23	Reforestation	841.00	240.00	204.00	201.00	255.00
24	SOTECH Build- ing	32,440.00	21,560.00	5,960.00	5,160.00	7,800.00
25	Wet & Dry Lab. Complex *	485.10	540.90	395.70	453.45	425.10
26	Wet & Dry La- boratory 1 *	16,811.77	10,975.94	8,281.13	8,112.38	10,420.43
27	Wet & Dry La- boratory 2 *	11,379.63	12,769.66	7,548.68	7,619.17	9,105.17
28	Wet & Dry La- boratory 3 *	26,566.40	30,028.30	18,665.05	18,989.44	21,969.06
29	Wet & Dry La- boratory 4 *	17,209.50	18,685.70	11,777.70	11,925.10	13,722.50
30	Wet & Dry La- boratory 5 *	26,793.65	29,049.77	18,718.70	18,476.13	21,404.06
31	Wet & Dry La- boratory 5A *	64,256.25	69,655.84	42,267.25	41,871.22	51,100.68
32	Zoo Shed 102 *	751.76	838.64	513.90	402.71	423.49
33	Ocean Weather Laboratory	313.00	428.00	-	-	-
34	Rapid Sand Fil- ter	87,144.00	51,528.00	59,592.00	116,388.00	101,494.00
35	Street Lightings *	14,294.00	14,187.00	8,372.70	5,989.00	5,616.00
36	Power House II *	1,372.03	919.97	1,144.58	975.81	1,127.57

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	Buildings & Offices	2018	2019	2020	2021	2022
37	Box 1 & Guard Houses *	3,387.00	4,213.80	3,013.00	6,220.45	5,952.63
38	Former Bowling Alley	4,600.00	7,720.00	2,240.00	2,880.00	520.00
39	Museum	11,396.39	12,858.69	7,613.22	5,360.46	1,721.00
40	CDH Transient Rm.	1,283.00	-	-	-	-
41	Dr. J. Amar/IA Project	9,015.00	13,756.00	19,550.00	10,228.00	8,298.00
42	Balay Miagos	4,920.00	19,480.00	17,174.00	15,660.00	15,060.00
43	Balay Balay	1,341.00	2,674.00	207.00	89.00	39.00
42	RRC	-	328.00	3,102.88	20,910.84	34,420.00
43	New SOTECH Bldg.	-	2,442.00	22,037.55	20,611.58	12,820.00
44	SSF	-	-	2,876.86	6,916.95	7,303.00
45	Losses (transmission, x-mer etc.)*	29,654.14	20,936.82	17,960.67	23,965.28	24,388.17
	Total	1,694,348.01	1,731,694.52	1,243,173.38	1,313,250.03	1,271,936.01

MASTER DEVELOPMENT PLAN
2021-2030
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UPV MIAGAO ACTUAL FACILITIES MAP

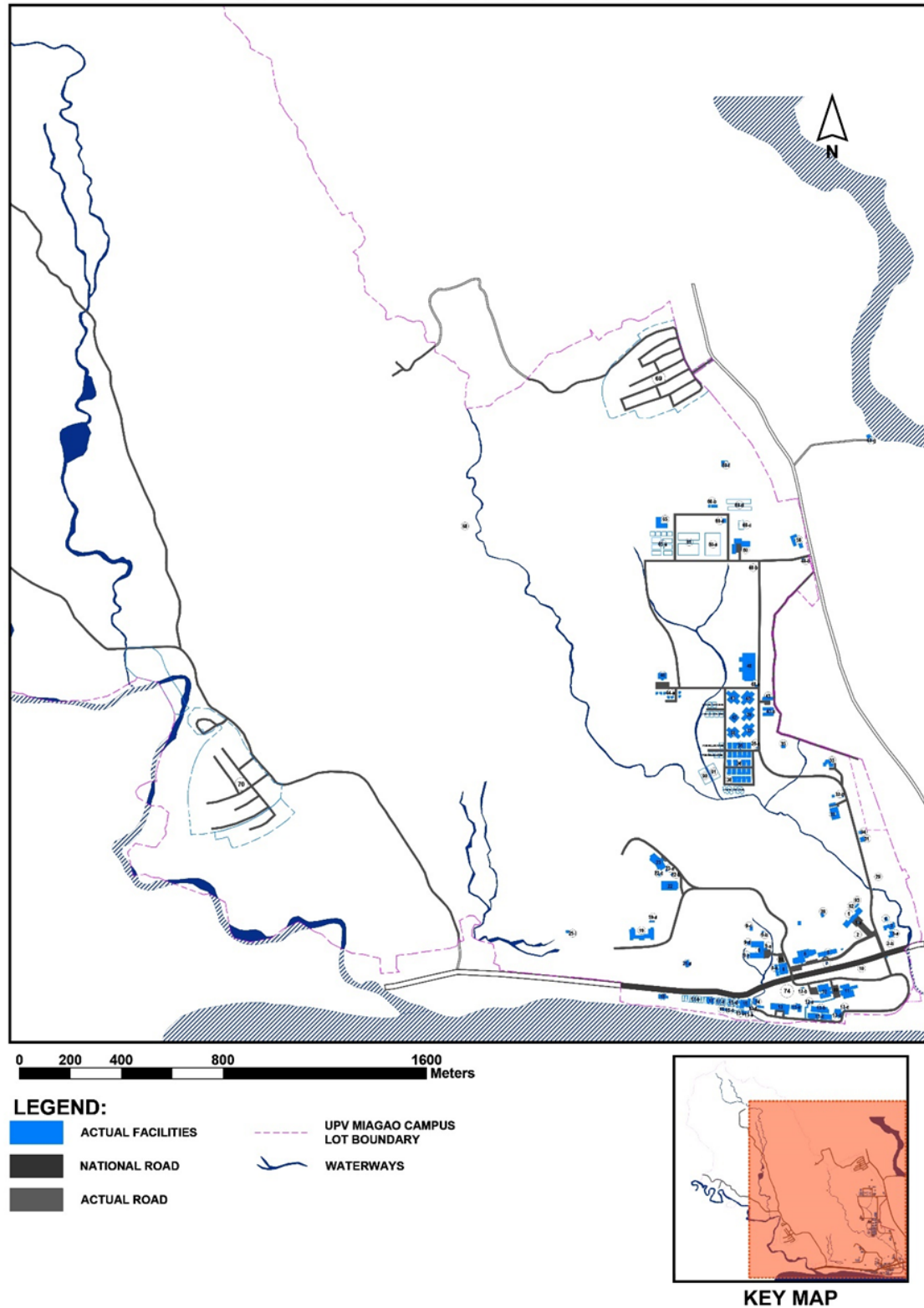


Figure 2- 19. Actual Facilities Map, Miagao

MASTER DEVELOPMENT PLAN 2021-2030 MIAGAO CAMPUS

UPV MIAGAO ACTUAL FACILITIES MAP

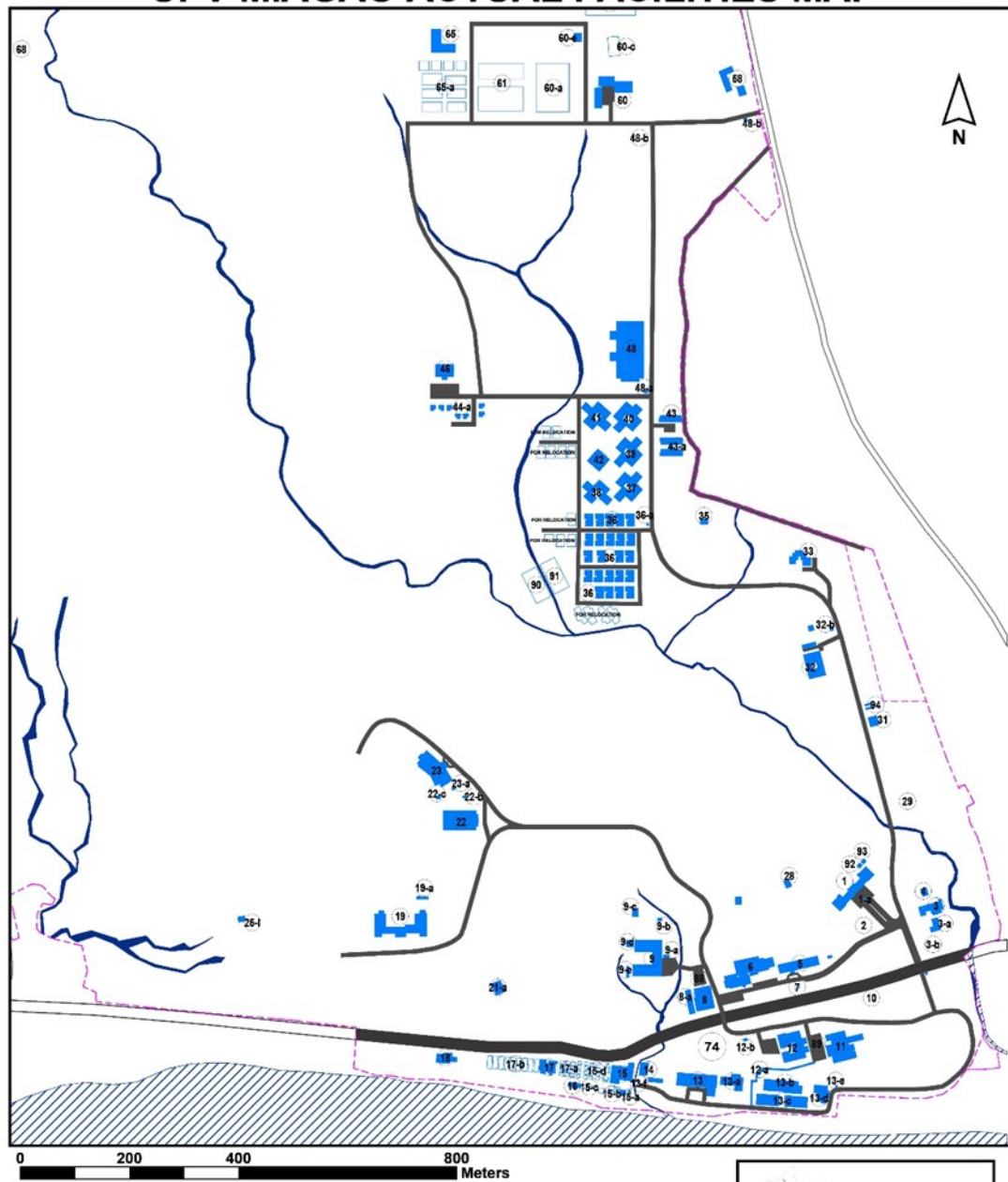
LEGEND:

ACTUAL ACTUAL

1 ADMINISTRATION BUILDING	13 UPV-CFOS WET LABORATORIES BUILDING 1	22-c SEWAGE TREATMENT PLANT	48-b GUARD HOUSE
1-a OBLATION	13-a UPV-CFOS WET LABORATORIES BUILDING 2	23 REGIONAL RESEARCH CENTER	58 ACADEMIC CLASSROOM ANNEX
2 CHANCELLOR'S PARK	13-b UPV-CFOS WET LABORATORIES BUILDING 3	23-a POWERHOUSE	60 PHYSICAL PLANT OFFICE
3 COLLEGE OF MANAGEMENT (SCHOOL OF TECHNOLOGY BUILDING)	13-c UPV-CFOS WET LABORATORIES BUILDING 4	28 CELL SITE	60-b ELEVATED WATER TANK
3-a COLLEGE OF MANAGEMENT BUILDING	13-d UPV-CFOS WET LABORATORIES BUILDING 5	29 ARBORETUM	60-c ILECO 1 SUB-STATION
3-b GUARD HOUSE	13-e SECURITY BOX	31 SECURITY SERVICE & FIRE STATION	60-d SETTLING TANK
4 REFORESTATION PROGRAM BLDG	13-f TRANSFORMER PAD	32 INFIRMARY	60-e RAPID SAND FILTER
4-a PLANT NURSERY	14 MULTI-PURPOSE BUILDING	32-b GUARD HOUSE	60-f RESERVOIR 101
5 VILLADOLID HALL	15 HATCHERY	33 EXECUTIVE HOUSE - 1	60-g COLLECTOR WELL
6 OLD UNIVERSITY LIBRARY & MUSEUM	15-a GUARD HOUSE	35 BALAY-BALAY (CHILD MINDING CENTER)	64 WETLAND / BUFFER ZONE
7 DIWATA STATUE	15-b PONDS	36 UP STAFF HOUSING	65 FRESH WATER AQUACULTURE STATION
8 COLLEGE UNION BUILDING	15-c WASTE SEDIMENTATION POND	36-a WAITING SHED	65-a FISH PONDS
8-a BOWLING ALLEY/OFFICES	15-d WASTE SEDIMENTATION POND	37 BALAY LAMPIRONG	68 MUSCOVADO SUGARMILL HERITAGE SITE
9 TOMAS FONACIER BUILDING (CAS)	16 FISHERIES TECHNOLOGY BUSINESS INCUBATOR BLDG	38 BALAY APITONG	69 SITIO 2
9-a CAS COOPERATIVE CENTER/ COOP STORE	17 GREEN MUSSEL HATCHERY PROJECT & ALGAE CULTURE	39 BALAY GUMAMELA	70 SITIO 1
9-b STUDY NOOK (CAS PARK)	17-a GREEN MUSSEL HATCHERY & ALGAE POND	40 BALAY KANLAON	88 CUB PARKING AREA
9-c ANATOMY LAB	17-b MULTI-SPECIES HATCHERY POND	41 BALAY MADYA-AS	89 CFOS PARKING AREA
9-d MARINE BIO-LAB ANNEX	18 DIWATA AQUASCAPE	42 COMMON DINING HALL	90 MATURATION POND
9-e CHEMISTRY JARDINIERE	19 SCHOOL OF TECHNOLOGY BUILDING	43 BALAY MIAGOS - 1	91 FACULTATIVE POND
10 CEMETERY	19-a TRANSFORMER PAD, GEN SET ROOM, CHEM WASTE STORAGE, SHOP ROOM	43-a BALAY MIAGOS - 2	92 POWERHOUSE
11 UMALI HALL (CFOS FACULTY CENTER)	21-a CELL SITE	44-a BAMBOO HOUSING	93 FILE STORAGE
12 PIDLAQAN HALL (CFOS AUDIO VISUAL HALL AND CLASSROOMS)	22 MAIN LIBRARY	46 STAFF & FACULTY HOUSING	94 FILE STORAGE
12-a HUNDRED STEPS	22-b TRANSFORMER PAD	48 COVERED COURT	
12-b POWER HOUSE II		48-a GUARD HOUSE	

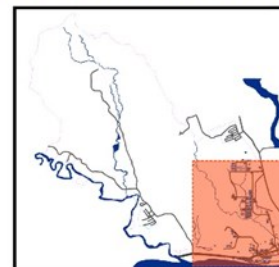
MASTER DEVELOPMENT PLAN 2021-2030 MIAGAO CAMPUS

UPV MIAGAO ACTUAL FACILITIES MAP



LEGEND:

- | | |
|--|--|
| ACTUAL FACILITIES | UPV MIAGAO CAMPUS LOT BOUNDARY |
| NATIONAL ROAD | WATERWAYS |
| ACTUAL ROAD | |



KEY MAP

Figure 2– 20. Actual Facilities Map, Miagao – Campus Core

MASTER DEVELOPMENT PLAN 2021-2030 MIAGAO CAMPUS

UPV MIAGAO ACTUAL FACILITIES MAP

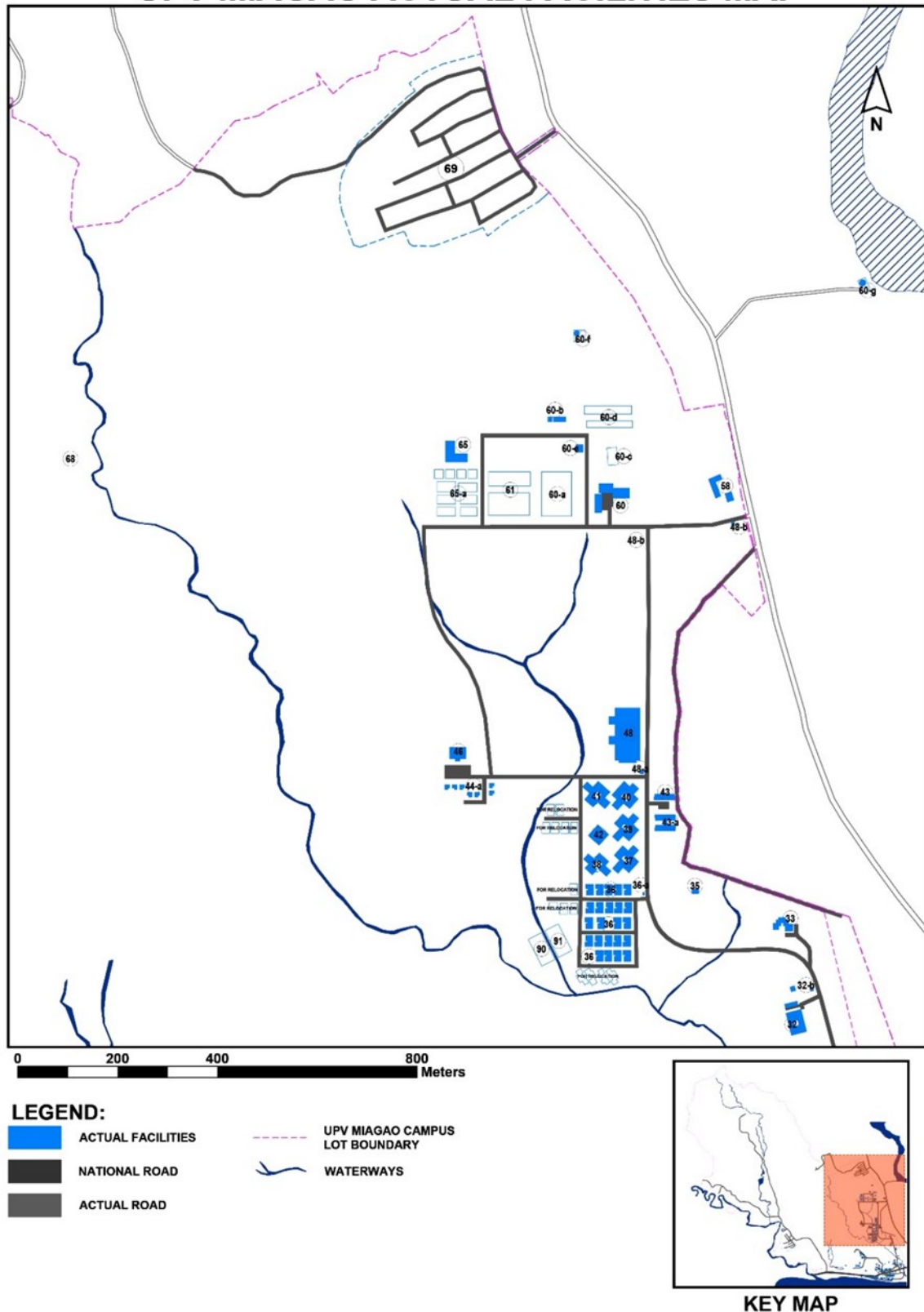


Figure 2– 21. Actual Facilities Map, Miagao – North section of the Campus Core

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UPV MIAGAO ACTUAL FACILITIES MAP

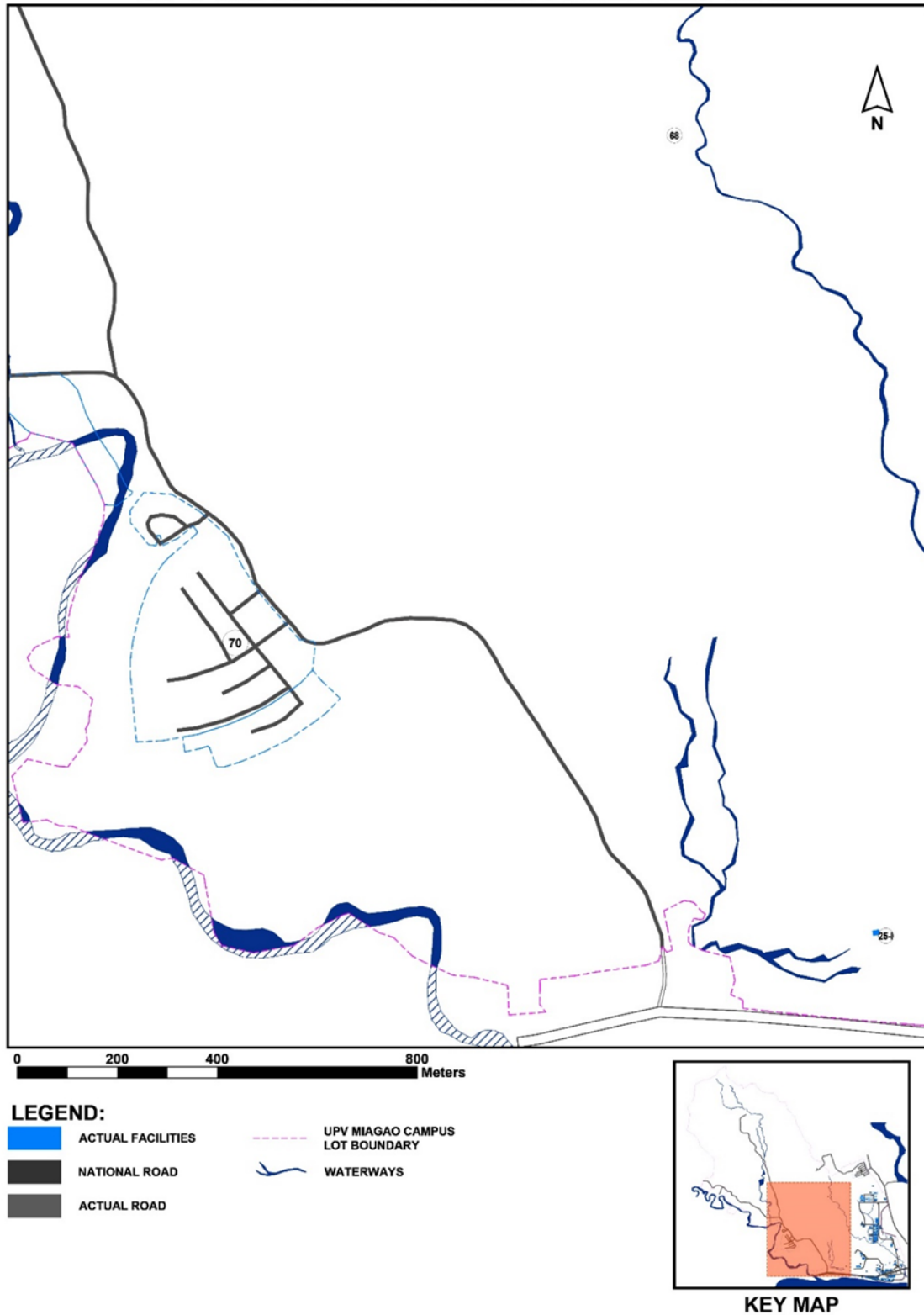


Figure 2– 22 Actual Facilities Map, Miagao – West section of the Campus Core

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2.6 Campus Facilities Risk Assessment

There are six hazards to which the existing facilities in UPV Miagao Campus are exposed to flood, tropical cyclone, earthquake, landslide, tsunami, and storm surge. These hazards were identified mainly on secondary data and maps of Miagao. There are four categories of hazard susceptibility adapted to assess the facilities' degree of susceptibility: Very high, medium, low, and 'not susceptible'.

Susceptibility here refers to the facilities' proneness to certain hazards. Susceptibility is determined by several contributory factors. The methods employed for assessing UPV Miagao Campus susceptibility is discussed in detail in Chapter 3.

Table 2- 19. Facilities Susceptibility to Hazards

Existing structure/area	HAZARD SUSCEPTIBILITY					
	Flood	Tropical cyclone	Earthquake	Landslide	Tsunami	Storm surge
School of Technology/ Old	VERY HIGH	No data	not susceptible	LOW	INUNDATION AREA	not susceptible
College of Management (Old SOTECH)	VERY HIGH	No data	not susceptible	LOW	INUNDATION AREA	not susceptible
Chancellor's Park	not susceptible	No data	not susceptible	LOW	not susceptible	not susceptible
College of Fisheries and Ocean Sciences	not susceptible	No data	not susceptible	MODERATE	not susceptible	not susceptible
CAS Park	not susceptible	No data	not susceptible	MODERATE	not susceptible	not susceptible
Tomas Fonacier Building (CAS)	not susceptible	No data	not susceptible	MODERATE	not susceptible	not susceptible
Pidlaoan Hall	not susceptible	No data	not susceptible	MODERATE	not susceptible	not susceptible
Freshwater Aquaculture Station	not susceptible	No data	not susceptible	LOW	not susceptible	not susceptible
University Library/Old	not susceptible	No data	not susceptible	MODERATE	not susceptible	not susceptible
CAS Student Council	not susceptible	No data	not susceptible	MODERATE	not susceptible	not susceptible
Zoo Shed	not susceptible	No data	not susceptible		not susceptible	not susceptible
Marine Bio-Lab Annex	not susceptible	No data	not susceptible	MODERATE	not susceptible	not susceptible
College Union Building	not susceptible	No data	not susceptible	MODERATE	not susceptible	not susceptible
Umali Hall (CFOS Faculty Center)	not susceptible	No data	not susceptible	MODERATE	not susceptible	not susceptible
Hatchery	not susceptible	No data	not susceptible	VERY HIGH	not susceptible	1 METER SURGE
Oceanarium	not susceptible	No data	not susceptible	not susceptible	INUNDATION AREA	not susceptible

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Existing structure/ area	HAZARD SUSCEPTIBILITY					
	Flood	Tropical cyclone	Earth- quake	Landslide	Tsunami	Storm surge
RRC	not suscep- tible	No data	not suscepti- ble	LOW	not suscepti- ble	not suscepti- ble
Wet and Dry Complex (.....)	not suscep- tible	No data	not suscepti- ble	LOW & MOD- ERATE	not suscepti- ble	not suscepti- ble
Reforestation Program Office (Nursery)	VERY HIGH	No data	not suscepti- ble	LOW	INUNDATION AREA	not suscepti- ble
Cemetery	not suscep- tible	No data	not suscepti- ble	MODERATE	not suscepti- ble	not suscepti- ble
Infirmary Building	not suscep- tible	No data	not suscepti- ble	LOW	not suscepti- ble	not suscepti- ble
Administration Building	not suscep- tible	No data	not suscepti- ble	LOW	not suscepti- ble	not suscepti- ble
Bowling Alley/Offices	not suscep- tible	No data	not suscepti- ble	MODERATE	not suscepti- ble	not suscepti- ble
Oblation	not suscep- tible	No data	not suscepti- ble	LOW	not suscepti- ble	not suscepti- ble
Diwata Statue	not suscep- tible	No data	not suscepti- ble	MODERATE	not suscepti- ble	not suscepti- ble
Physical Plant Office	not suscep- tible	No data	not suscepti- ble	LOW	not suscepti- ble	not suscepti- ble
UPV Security Service Force Office	not suscep- tible	No data	not suscepti- ble	LOW	not suscepti- ble	not suscepti- ble
Villadolid Hall (Old Ad- ministration Building)	not suscep- tible	No data	not suscepti- ble	MODERATE	not suscepti- ble	not suscepti- ble
Balay-balay (Child Minding Center)	not suscep- tible	No data	not suscepti- ble	LOW	not suscepti- ble	not suscepti- ble
Water Reservoir	not suscep- tible	No data	not suscepti- ble	LOW	not suscepti- ble	not suscepti- ble
Storage Basin	not suscep- tible	No data	not suscepti- ble	LOW	not suscepti- ble	not suscepti- ble
Rapid Sand Filter	not suscep- tible	No data	not suscepti- ble	LOW	not suscepti- ble	not suscepti- ble
ILECO Sub-Station	not suscep- tible	No data	not suscepti- ble	LOW	not suscepti- ble	not suscepti- ble
Collector Well	not suscep- tible	No data	not suscepti- ble	LOW	not suscepti- ble	not suscepti- ble
Cell Site	not suscep- tible	No data	not suscepti- ble	MODERATE	not suscepti- ble	not suscepti- ble
Security Service and Fire Station	not suscep- tible	No data	not suscepti- ble	LOW	not suscepti- ble	not suscepti- ble
Covered Court	not suscep- tible	No data	not suscepti- ble	LOW	not suscepti- ble	not suscepti- ble
Arboretum	VERY HIGH	No data	not suscepti- ble	N/A	not suscepti- ble	not suscepti- ble

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Existing structure/area	HAZARD SUSCEPTIBILITY					
	Flood	Tropical cyclone	Earthquake	Landslide	Tsunami	Storm surge
Muscovado sugar mill Heritage Site/Beach Forest	not susceptible	No data	not susceptible	LOW	not susceptible	not susceptible
Balay Madya-as	MODERATE	No data	not susceptible	LOW	not susceptible	not susceptible
Balay Kanlaon	not susceptible	No data	not susceptible	LOW	not susceptible	not susceptible
Balay Miagos	not susceptible	No data	not susceptible	LOW	not susceptible	not susceptible
Balay Gumamela	not susceptible	No data	not susceptible	LOW	not susceptible	not susceptible
Balay Apitong	not susceptible	No data	not susceptible	LOW	not susceptible	not susceptible
Balay Lampirong	not susceptible	No data	not susceptible	LOW	not susceptible	not susceptible
Staff Houses	not susceptible	No data	not susceptible	LOW	not susceptible	not susceptible
Executive House	not susceptible	No data	not susceptible	LOW	not susceptible	not susceptible
Faculty and Staff Housing	not susceptible	No data	not susceptible	LOW	not susceptible	not susceptible
Bamboo Village	not susceptible	No data	not susceptible	LOW	not susceptible	not susceptible
Relocation Center No. 1	not susceptible	No data	not susceptible	LOW	not susceptible	not susceptible
Relocation Center No. 2	not susceptible	No data	not susceptible	LOW	not susceptible	not susceptible
CAS Cooperative Center/ COOP Store	not susceptible	No data	not susceptible	MODERATE	not susceptible	not susceptible
Kaunlaran Learning Center (not a UP facility)	LOW	No data	not susceptible	not susceptible	not susceptible	not susceptible

Source: CDMO, 2021

2.7 Campus Connectivity Network

The 2015 Campus Masterplan indicates that the campus' primary access is the national road (Zulueta Avenue). There is minor access to the university, one on the eastern side that connects to Miagao's Quezon Street. Internally, there is the main road connecting the College of Fisheries and Ocean Sciences Complex, Administration Building, School of Technology, Infirmary, student dormitories, and faculty housing. In 2015, the existing UP Miagao Main Road ended at the northern extent of the open field, exiting Quezon Street.

The minor roads around the College of Fisheries and Ocean Sciences Wet Laboratories connect to the College Union Building, College of Arts and Sciences, and the University Library-Museum by means of a bridge. From the College Union Building, the College of Arts and Sciences is connected by another minor road ending in a cul-de-sac.

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ACTUAL UPV MIAGAO
ROAD & CIRCULATION NETWORK

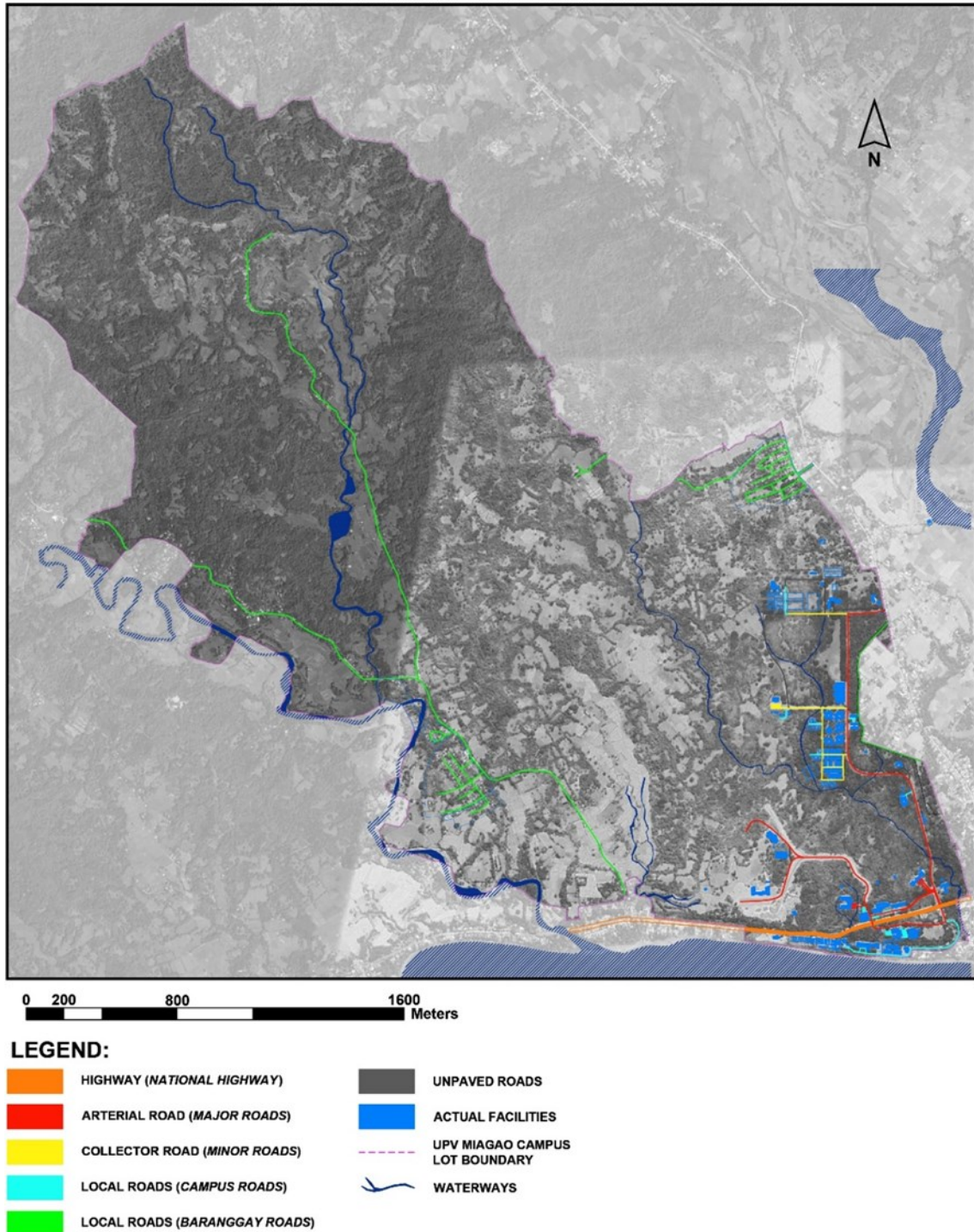


Figure 2- 23 Actual Campus Road and Circulation Network

MASTER DEVELOPMENT PLAN 2021-2030 MIAGAO CAMPUS

UPV MIAGAO ACTUAL ROAD NETWORK MAP

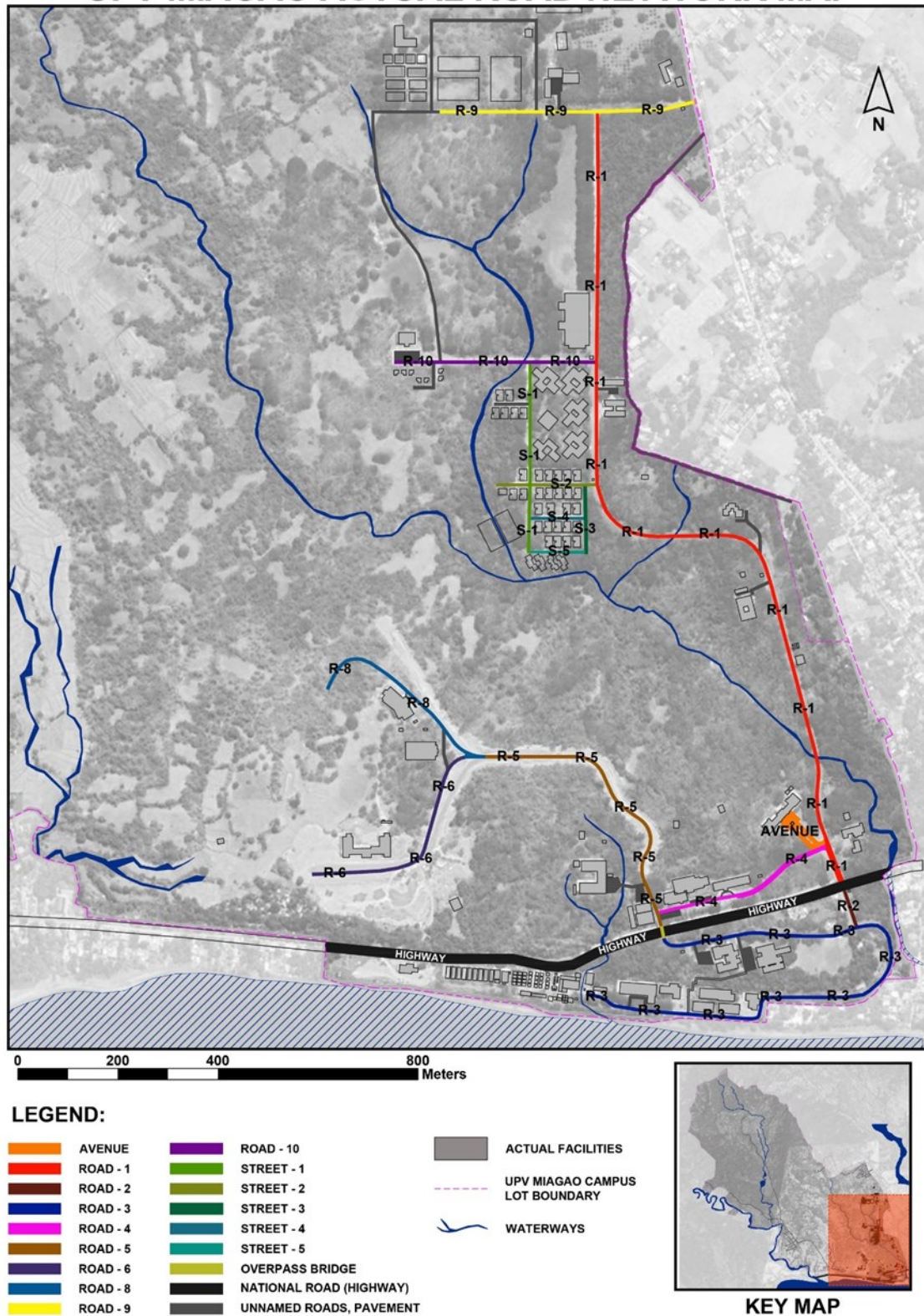


Figure 2- 24. Actual Road Network Map

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Table 2– 20. Inventory of Actual Roads, UPV Miagao Campus

Description	Road Name	Location	Year Constructed	Surface type/ material			Road Length (mtrs.)
				As-phalt	Gravel	Con-crete	
AVENUE	AVENUE	Administration Building to Road intersection of R-1				Δ	89.51
R-1	ROAD-1	Box 1 to to Road intersection of R-9	1983	Δ		Δ	1,686.58
R-2	ROAD-2	From crossing National Highway to Road intersection of R 3	2019	Δ		Δ	74.31
R-3	ROAD-3	From overpass bridge to Hatchery	2019	Δ		Δ	1,200.74
R-4	ROAD-4	From Road intersection of R-1 to Road intersection of R 5	1983-2015	Δ		Δ	367.05
R-5	ROAD-5	From overpass bridge to Road intersection of R-8	2019	Δ		Δ	600.32
R-5a	ROAD-5a	From Road intersection of R-5 to CAS	1983-2015			Δ	76.56
R-6	ROAD-6	From Road intersection of R-8 to School of Technology Building	2019			Δ	448.93
R-7	ROAD-7*						
R-8	ROAD-8	From Road intersection of R-5 & R -6 to RRC	2019			Δ	422.34
R-9	ROAD-9	From Box 2 to FAS	1983	Δ		Δ	514.52
R-10	ROAD-10	From Road intersection of R-1 to Staff & Faculty Housing	2018			Δ	401.29
S-1	STREET-1	From Road intersection of R-10 to Street intersection of S-2	1983	Δ		Δ	378.09
S-2	STREET-2	From Road intersection of R-1 to Street intersection of S-2	1983	Δ		Δ	198.31
S-3	STREET-3	From Street intersection of S-2 to Street intersection of S-5	1983	Δ		Δ	134.18
S-4	STREET-4	From Street intersection of S-1 to Street intersection of S-3	1983	Δ		Δ	106.50

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S-5	STREET-5	From Street intersection of S-1 to Street intersection of S-3	1983	Δ		Δ	109.12
R-11	Road-11*						533.65
Sitio -1	Sitio -1 Road	Brgy. Lumangan	1980			Δ	3,900.00
PR.	Provincial Road	From national road to brgy. Sag-on			Δ	Δ	
BRGY. RD.-A	Barangay Road	Provincial road (Lumangan) to Brgy. Diday			Δ	Δ	
Sitio-2	Sitio -2 Road	Brgy. Malagyan			Δ		1,500.00
BRGY. RD. -B	Barangay Road	Sitio 2 Road to Brgy. Paroon			Δ		

Source: CDMO, 2022

Note: *See proposed road map

The designated terminals for tricycles are located at the College Union Building and in the dormitory area. Tricycles exit either at Zulueta Avenue or Quezon Street. Referring to population growth, the 2015 Campus Master Plan report states that the demand for public transportation will increase by 2030.

Table 2– 21. Tricycle Terminals, UPV Miagao Campus, 2021

Name/location of terminal	Area occupied (sqm)	Year constructed	Physical condition	Owner/ operator	Type of terminal	Terminal facilities
CUB tricycle terminal	250	2015	Concreted	UP Visayas	Tricycle	Steel shed structure
Dorm tricycle terminal	100	2008	Soil paved	UP Visayas	Tricycle	Guardhouse

Source: CDMO, 2021

Based on the 2015 assessment of the Level of Service (LOS) of the roads within the UPV campus: The vehicle road capacity ratio can be categorized as LOS A since the volume of vehicles passing through the university reflects a minimal rate in line with the size of the campus area. This is in terms of the condition of free flow, but the university must set a speed limit in the area since the university is an academic zone (Land Use Plan for Miagao Campus, 2015).

The same report states that the sloping areas of UP Miagao are prone to accidents, especially during the wet season, when roads are slippery (Land Use Plan for Miagao Campus, 2015). In October 2015, a major crash happened around 6:00 PM when a large truck collided with a tricycle carrying UPV students who are on their way home.

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2.8 Waste Management

Solid and Liquid Waste Management

The Ecological Solid Waste Management Act mandates all local government units to implement a solid waste management program, to implement a solid waste management program, and provide facilities for the management of such at the barangay level. the LGU Miagao, where the UPV Miagao Campus is located has a 10-Year Ecological Solid Waste Management Plan 2014-2024 to comply with the law.

However not mandated by law, UPV has crafted its waste management policies beginning with the at-source reduction of generated waste. The current practice is that the university uses an open space as its dumpsite. According to a key informant from Campus Development and Maintenance Office (CDMO), there is a plan to put up a Materials Recovery Facility in every building to cater to the accumulated wastes.

Liquid waste management is also another concern. The university used to have a wastewater treatment facility, which ceased to be functional following the recurring problem with the sewer line. Currently, only the dorm and staff house have a treatment facility, and the wastewater goes straight to the creek, which should not be the case. To resolve this, a study is currently underway for a new facility. However, UPV Miagao has quite a terrain that proved extremely challenging in terms of finding the most suitable site for the building of a waste treatment facility. Included in the proposal is a water treatment facility for each of the buildings inside the campus.

Table 2– 22. Volume of solid waste generated-at source, percent collected, disposal methods and disposal site, Miagao Campus 2016-2020

Source	Volume Solid Wastes Generated					% Col- lected Annually	Disposal Method	Disposal Site
	2016	2017	2018	2019	2020			
Domestic (tons/year)	0.970	0.928	0.802	0.771	0.435	100%	collection and disposal at pick up points and hailed by dump truck	modified land fill
Infirmery/ Clin- ic* (kgs/year)	5.000	5.500	6.000	5.000	4.000	100%	encapsulation	modified land fill

Source: CDMO, 2021

Notes: Solid Waste from the infirmery is segregated from sharps, syringes, and glass, does not have bio-medical waste since only medical consultation is done in the clinic.

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Table 2- 23. Volume of wastewater generated-at source, percent collected, disposal methods, and disposal site, Miagao Campus 2016-2020

Source	Volume Water Wastes Generated (m ³ /day)					% connected to the central sewerage sys- tem (2016- 2020)	Disposal Method or Treatment Facility	Dispos- al Site
	2016	2017	2018	2019	2020			
Domestic	418.80	558.28	519.50	405.80	242.00	100%	Septic Tank/ Facultative and Matura- tion Pond/ STP	creek
Infirmery/ Clinic	9.78	7.92	10.00	11.52	4.90	100%	Septic tank	creek
Laborato- ries	7.62	8.8	7.3	6.58	3.42	100%	Septic tank	creek

Source: CDMO, 2021

2.9 Water Consumption

Tumagbok river is the source of drinking and domestic uses for the Miagao campus. Academic buildings have the highest consumption in cubic meter followed by dormitories and buildings with offices based on the 2019 data prior to the start of the pandemic.

Table 2– 24. Water Consumption per Building and Facility

No .	Building/Office	2017	2018	2019	2020	2021	2022	Total
1	Audio Visual	4,945	9,981	7,014	3,541	2,657	2,216	30,354
2	Balay Madyaas	10,201	6,967	5,463	3,366	2,295	1,631	29,923
3	Balay Kanlaon	8,411	6,698	6,010	6,505	3,099	2,945	33,668
4	Balay Apitong	2,097	2,342	2,008	1,906	254	328	8,935
5	Apitong(CDH)	-	-	177	-	-	-	177
6	Balay Gumamela	6,707	8,211	5,659	3,480	1,471	1,446	26,974

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No.	Building/Office	2017	2018	2019	2020	2021	2022	Total
7	Balay Lampirong	5,603	4,629	3,889	2,821	697	968	18,607
8	Balay Miagos	6,130	5,339	6,709	5,328	1,484	775	25,765
9	International Dorm	-	-	144	604	1,813	955	3,516
10	Bamboosa Housing	366					2,665	3,031
11	Faculty Staff Housing	-		1,345	2	1,806	540	3,693
12	CDH	1,142	1,146	230	833	463	2,665	6,479
13	CFOS Garage/ Diwata	470	532	65	179	19	3,203	4,468
14	CAS	36,131	29,685	24,629	23,887	6,524	7,812	128,668
15	CUB	18,082	19,899	11,393	11,378	10,406	862	72,020
16	Covered Court	230	306	2,967	1,654	811	116	6,084
17	Executive House	314	105	264	636	400	789	2,508
18	Faculty Center	5,928	4,477	6,234	5,942	5,725	4,841	33,147
19	FAS	19,615	20,462	11,616	13,378	15,569	10,713	91,353
20	Gender Bldg	-	27	124	75	169	62	457
21	Hatchery	19,923	22,083	14,541	15,700	41,664	37,787	151,698
22	Infirmery	4,982	2,248	7,044	3,593	3,848	3,760	25,475
23	Library/Museum	2,719	4,030	7,758	4,460	820	516	20,303
24	Multipurpose Hall	1,280	2,925	717	625	1,029	1,276	7,852
25	New Admin Building	6,039	3,566	2,213	1,546	3,742	2,326	19,432

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No.	Building/ Office	2017	2018	2019	2020	2021	2022	Total
26	OWL Building	236	128	-	60	-	-	424
27	Physical Plant Office	3,441	2,860	2,058	3,276	3,263	654	15,552
28	Power House	18	72	15	60	27	-	192
29	Reforestation Office	1,148	1,085	814	1,800	828	745	6,420
30	Reforestation Office II	827	476	83	167	-	-	1,553
31	RRC						3,080	3,080
32	School of Technology (Old)	10,831	5,051	3,619	4,022	5,287	3,819	32,629
33	School of Technology (New)						2,544	2,544
34	Sentry Box No.1	73	98	58	223	125	98	675
35	Shellfish Hatchery	804	1,199	1,804	608	1,392	1,330	7,137
36	SSF Building	150	139	593	330	225	372	1,809
37	Villadolid Hall	15,631	16,492	18,124	11,567	8,173	5,310	75,297
38	Wet & Dry Bldg. No. 1	3,185	235	839	80	3	2	4,344
39	Wet & Dry Bldg. No. 1 (Biotech)	-	-	140	116	94	85	435
40	Wet & Dry Bldg. No. 2	3,398	3,280	3,267	2,573	1,251	1,905	15,674
41	Wet & Dry Bldg. No. 3 - L	917	2,511	1,024	1,355	1,493	1,669	8,969
42	Wet & Dry Bldg. No. 3 - R	4,545	3,071	2,331	3,032	2,725	-	15,704
43	Wet & Dry Bldg. No. 4	677	1,496	1,328	1,561	39	838	5,939

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No.	Building/Office	2017	2018	2019	2020	2021	2022	Total
44	Wet & Dry Bldg. No. 4-01	2,935	13	39	15	104	-	3,106
45	Wet & Dry Bldg. No. 5	45	436	-	658	207	91	1,437
46	Wet & Dry Bldg. No. 5A	2,112	453	1,150	836	1,136	1,954	7,641
		212,288	194,753	165,499	143,778	133,137	115,693	965,148

2.10 Information, Communication, technology -Miagao Campus

At present, the city campus has a network bandwidth of 240 Mbps for the Miagao Campus due to the cost-cutting policy implemented by the UP system. Nonetheless, it is expected to return to the contracted bandwidth of 366 Mbps for the Iloilo City Campus by the last quarter of 2022. In terms of access points, the Miagao campus has 73 access points (ICT Report, October 2022).

The contracted bandwidth of 73 access points is being shared largely by the employees. The students share a portion of these access points. The UPV employees and students are assumed to have 1 or more internet-enabled devices connected to the University's network and have varying types and frequencies of application use.

In the past three years, the university campus has all classes held online due to strict health restrictions. It is expected that the network users will increase with the return to full face-to-face meetings starting next academic year. Below is the breakdown of the access points in different buildings and locations in the Iloilo City campus.

This proposal for the augmentation of the Fiber Optic Backbone Projects seeks to address the anticipated changes and increase of network access requirements. Additionally, it aims to tighten the network access security in both campuses for data protection and privacy of the university's stakeholders.

In general, this Augmentation of Fiber Optic Backbone Project Proposal suggests the procurement of additional ICT network hardware and security components. Particularly, it brings forward the need to increase the number of wifi access points, POE switches and firewall and authentication servers (ICT Report, October 2022).

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Table 2-25. Access Points per Building

Building/Location	Units
New Admin	3
Old SoTech	2
CFOS – Villadolid	1
Old Library	2
CUB	1
CAS	10
CFOS-AV	2
CFOS-FC	1
Wet and Dry 2	1
Wet and Dry 3	1
HSU	1
Student Dorm (5 Buildings)	11
International Dormitory	10
New Faculty Staff Houses	8
Staff House (Outdoor)	12
RRC	1
Balay Apitong	3
New SoTech	3
Total	73

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Table 2-26. Social Sector: Key Issues and Concerns

Sector: Social		
Subsectors	Issues	Key Implications
Education	<ul style="list-style-type: none"> Outdated/aging facilities³ lack of facilities conforming to international standards 	<ul style="list-style-type: none"> Negative impact on the quality of instruction Safety of students and faculty is compromised
	<ul style="list-style-type: none"> Lack of appropriate water sports facilities 	<ul style="list-style-type: none"> Students and faculty are compelled to use facilities outside the campus, which compromises their safety Travel time increases for students and faculty in going to sports facilities from the campus
	<ul style="list-style-type: none"> Insufficient offices for project-based engagements 	<ul style="list-style-type: none"> Project equipment cannot be secured Researchers are unable to interface with each other
	<ul style="list-style-type: none"> Some buildings, specifically the College Union Building, are not used for their intended purpose 	<ul style="list-style-type: none"> Some users have apprehensions to visit some offices that provide limited privacy (Ex. Clients must pass through several offices to get to Gender Office) Student organizations have no office space
Protective Services	<ul style="list-style-type: none"> Absence of fire utilities (fire hydrants, exits, ladders, stairs, and alarms) Unsecured, 'porous' boundaries of the campus (security) Absence of early warning system (for other hazards) and alarm systems (for earthquake) 	<ul style="list-style-type: none"> Endangerment of lives and properties
Health	<ul style="list-style-type: none"> Unsecured, porous boundaries of the campus (Health concern for the one-entry one-exit strategy) 	<ul style="list-style-type: none"> Compromised health and wellness of everyone
	<ul style="list-style-type: none"> Outdated health facilities of the UPV Miagao infirmary 	<ul style="list-style-type: none"> Limited health services offered
	<ul style="list-style-type: none"> Unregulated activities involving animals and presence of community residents within SOTECH property and other identified areas in the university 	<ul style="list-style-type: none"> Compromised health and wellness and security/safety

³Facilities do not include and are treated as separate entities from buildings

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Sector: Social		
Subsectors	Issues	Key Implications
	<ul style="list-style-type: none"> • Presence of grazing animals inside the university 	<ul style="list-style-type: none"> • Loitering animals can pose potential animal-and-human conflict • Traffic safety concern particularly when the grazing animals encroach on the carriageway
Waste Management	<ul style="list-style-type: none"> • Partial compliance to R.A. 9275 or Clean Water Act, PD 1067 or Water Code and RA 9003 • Leaching of dumpsites 	<ul style="list-style-type: none"> • Compromised public health and environment
Housing	<ul style="list-style-type: none"> • Lack of housing facility for faculty • Lack of housing facility for guests • Lack of parking in UPV housing 	<ul style="list-style-type: none"> • Constituents are renting outside the campus • Increased need for frequent and longer travel • Increased on-street parking
	<ul style="list-style-type: none"> • Proposed site for housing-relocation or socialized housing has not been verified 	<ul style="list-style-type: none"> • Occupants will continue to stay in sites without proper amenities • Site currently occupied by occupants cannot be maximized according to its best use

Table 2- 27. Environmental Sector: key issues and concerns

Sector: Environment		
Subsectors	Issues	Key Implications
Forest	<ul style="list-style-type: none"> • Low biodiversity • Low forest cover in watershed areas • Presence of invasive flora species • Inappropriate planting of species such as bamboo 	<ul style="list-style-type: none"> • Deforestation and intensification of upland agriculture • Reduced ecosystems services • Flooding • Seasonal drying up of rivers and creeks
Coastal Water	<ul style="list-style-type: none"> • Coastal erosion 	<ul style="list-style-type: none"> • Increased vulnerability of community and structures located along these areas
	<ul style="list-style-type: none"> • High susceptibility of wet and dry laboratories to storm surge 	<ul style="list-style-type: none"> • Damage to property • Flooding of the whole area

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Sector: Environment		
Subsectors	Issues	Key Implications
Surface Waters	<ul style="list-style-type: none"> Riparian 	<ul style="list-style-type: none"> Increased vulnerability of community and structures located along these areas
	<ul style="list-style-type: none"> Unmanaged storm water run-off in a built-up area of UPV 	<ul style="list-style-type: none"> Flooding
	<ul style="list-style-type: none"> Unregulated and unchecked quarrying 	<ul style="list-style-type: none"> High turbidity High-level siltation Low water quality Low water supply Note: Causes of low water supply (to be verified)
	<ul style="list-style-type: none"> Not fully compliant wastewater treatment facility in academic areas 	<ul style="list-style-type: none"> Potential contamination of ground and surface water
	<ul style="list-style-type: none"> No proper plan on waste disposal-discharges from ponds and buildings at the Wet and Dry Laboratories 	<ul style="list-style-type: none"> Contamination of the water sources

Table 2- 28. Economics Sector: Key issues and concerns

Sector: Economic		
Subsectors	Issues	Key Implications
Resource Generation	<ul style="list-style-type: none"> Untapped potentials for development 	<ul style="list-style-type: none"> Limited sources of funds for development (GAA dependency) Few opportunities for research, teaching, and public service
Community services 1 & 2	<ul style="list-style-type: none"> Underutilized university assets 	<ul style="list-style-type: none"> Inability to meet the university requirements for development

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Table 2- 29. Physical Sector: Key issues and concerns

Sector: Physical Sector		
Subsectors	Issues	Key Implications
Infrastructure (Buildings)	<ul style="list-style-type: none"> Increasing student population 	<ul style="list-style-type: none"> Crowding of classrooms and dorms Conversion of inappropriate spaces into academic use
	<ul style="list-style-type: none"> Insufficient residential units for faculty, REPS, and staff 	<ul style="list-style-type: none"> Backlog corresponding to the housing needs
	<ul style="list-style-type: none"> Poor building conditions (those used for non-academic and lecture purposes) 	<ul style="list-style-type: none"> Compromised safety of users High maintenance cost
	<ul style="list-style-type: none"> Some facilities are in hazard-prone areas 	<ul style="list-style-type: none"> Potential liability to lives and damage to properties
	<ul style="list-style-type: none"> Insufficient parking spaces in academic and housing areas 	<ul style="list-style-type: none"> Increase the number of on-street parking Increased tendency of parking in undesignated areas Safety concern to other road users
Roads	<ul style="list-style-type: none"> Insufficient parking spaces in academic and housing areas 	<ul style="list-style-type: none"> Increase the number of on-street parking Increased tendency of parking in undesignated areas Safety concern to other road users
	<ul style="list-style-type: none"> Poorly lit roads in some parts of the campus 	<ul style="list-style-type: none"> Safety of faculty, staff, and students is compromised
	<ul style="list-style-type: none"> Roads are non-compliant to new standards (complete with signages and safety facilities) 	<ul style="list-style-type: none"> Safety of road users is compromised Poor wayfinding of users
	<ul style="list-style-type: none"> Low elevation and lack of water catchment basin 	<ul style="list-style-type: none"> Roads are prone to flooding
Transportation	Safety <ul style="list-style-type: none"> Absence of safe loading and unloading areas inside UPV Accessibility Absence of in-campus route for better linkages and connectivity Reliability Limited modes of transport; mostly tricycles and bicycles Connectivity Poor road network (limited connection and circulation) 	<ul style="list-style-type: none"> Safety of pedestrians and passengers is compromised Limited choices of transport modes for users Efficiency of faculty, staff, and students is compromised

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Sector: Physical Sector		
Subsectors	Issues	Key Implications
Drainage from re-research laboratories	<ul style="list-style-type: none"> Partial compliance to the Toxic and Hazardous Waste Act 	<ul style="list-style-type: none"> Environmental and health hazard
Power	<ul style="list-style-type: none"> Unstable power supply (upsurge) 	<ul style="list-style-type: none"> Damage to equipment due to power surges Additional costs due to continuous maintenance and replacement of damaged equipment
	<ul style="list-style-type: none"> Current infrastructure is unable to meet the projected demands 	<ul style="list-style-type: none"> Perceived decrease in productivity and efficiency of faculty, staff, and students
ICT	<ul style="list-style-type: none"> Intermittent/unstable and low bandwidth internet connectivity (verify with admin) 	<ul style="list-style-type: none"> Interrupted work performance and efficiency of employees, faculty, and staff
Water infrastructure	<ul style="list-style-type: none"> Outdated water distribution facilities and piping system 	<ul style="list-style-type: none"> Pipes are prone to breaking/pipe burst Compromised water quality and health

Table 2 – 30. Institutional Sector: key issues and concerns

Sector: Institutional		
Subsectors	Issues	Key Implications
Governance	<ul style="list-style-type: none"> Human resource is unable to meet the increasing demands of the university in terms of skills, competence, capability 	<ul style="list-style-type: none"> The human resource of the university may be unable to adapt to the changing conditions

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Table 2 – 31. Land Properties: key issues and concerns

Sector: Institutional		
Location	Issues	Key Implications
Miagao Campus	<ul style="list-style-type: none"> There are unpaid pockets of lots in-between the paid lots There are occupants and structures (e.g. schools) within UPV properties. There are records (source to be verified) that indicate that the total land area is 1,260.9 has. Land titling process is not yet done with the Land Registration Authority and Land Management Bureau On-going expropriation cases The cemetery inside the campus has three claimants: the LGU, a private land-owner, and UPV Clarification in the MOA on the university's roles and the rights of the occupants and renters Three are roads inside the campus that cannot be maintained by the university, e.g. the roads at the relocation sites. 	<ul style="list-style-type: none"> Development is fragmented because of areas that are paid and unpaid The university cannot fully utilize the land according to its best use The university cannot assert its claim to the land because there is conflicting data on its total land area. The university cannot assert its ownership or rights over the property because there is no land title yet For properties that are contested, there is no development in the area until the case is solved. Maintain the 'status quo' in the area. Safety of residents are compromised due to properly maintained roads inside the campus
Properties under Ra 4514 in Luzon, Visayas, and Mindanao	<ul style="list-style-type: none"> Land titling process has not yet started One LGU requested proof of ownership 	<ul style="list-style-type: none"> The university cannot assert its rights to these land grants.
Taklong island, Guimaras	<ul style="list-style-type: none"> Renewal of MOA/appropriate instrumentalities if required based on e-NIPAS and current PA bill guidelines in tenurial use rights on lots donated to UPV prior to NIPAS Repair/maintenance of lab facilities 	<ul style="list-style-type: none"> Development and types of activities are influenced by the provisions in e-NIPAS and by the Protected Area bill when passed into a law
Iloilo City properties	<ul style="list-style-type: none"> Conflicting provisions in the Deed of Donation on allowable and non-allowable uses of land properties Non-UPV occupants reside/live and structures not owned by the university are found in the properties outside the fenced area Some occupants have tax declarations 	<ul style="list-style-type: none"> Properties cannot be fully maximized for their best use

Sources: Secondary data & maps, legal cases filed in the court, Land Titling, and Consolidation Committee meeting

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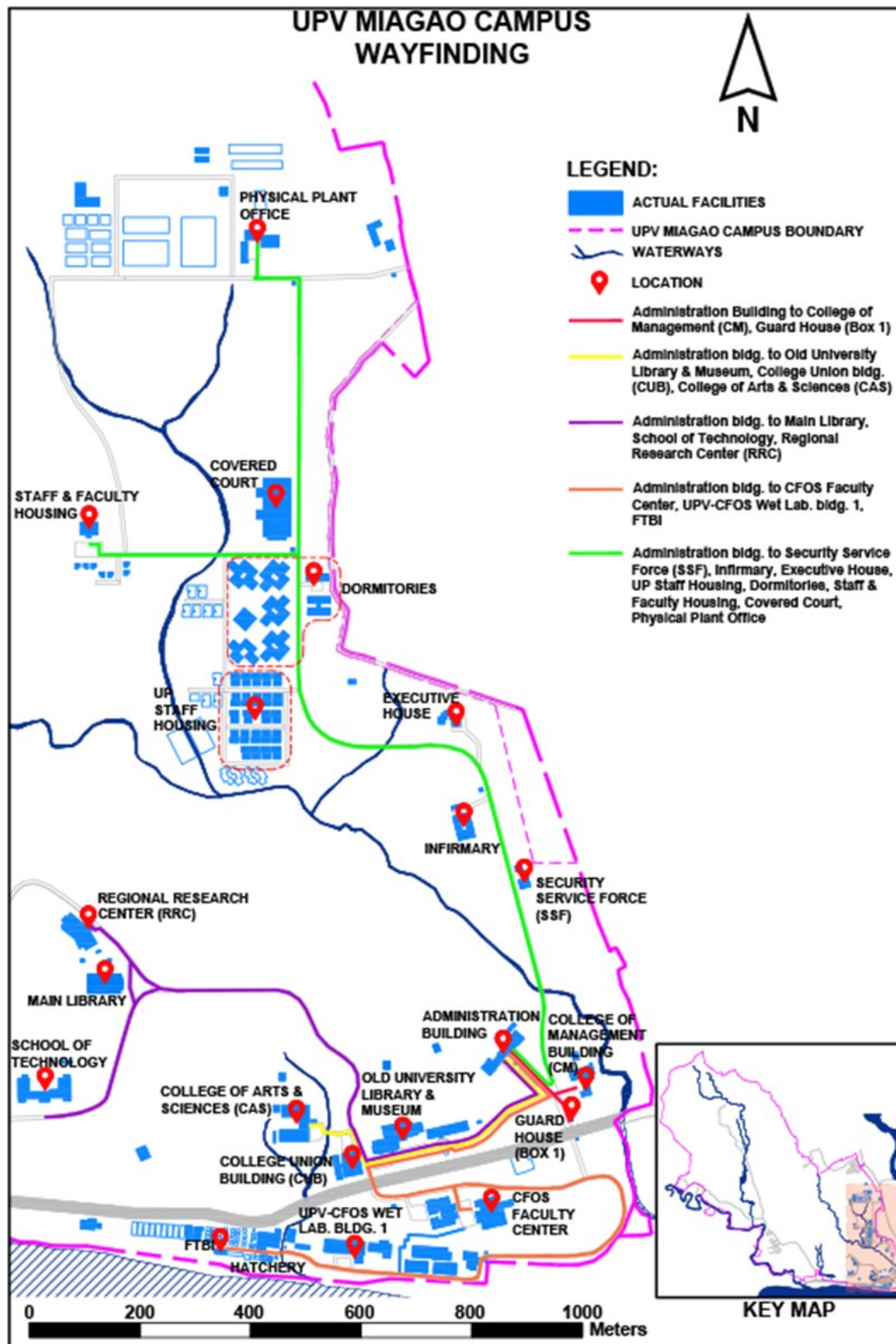


Figure 2- 25. Way Finding Map

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ACTUAL UPV MIAGAO POWER LINE SYSTEM MAP

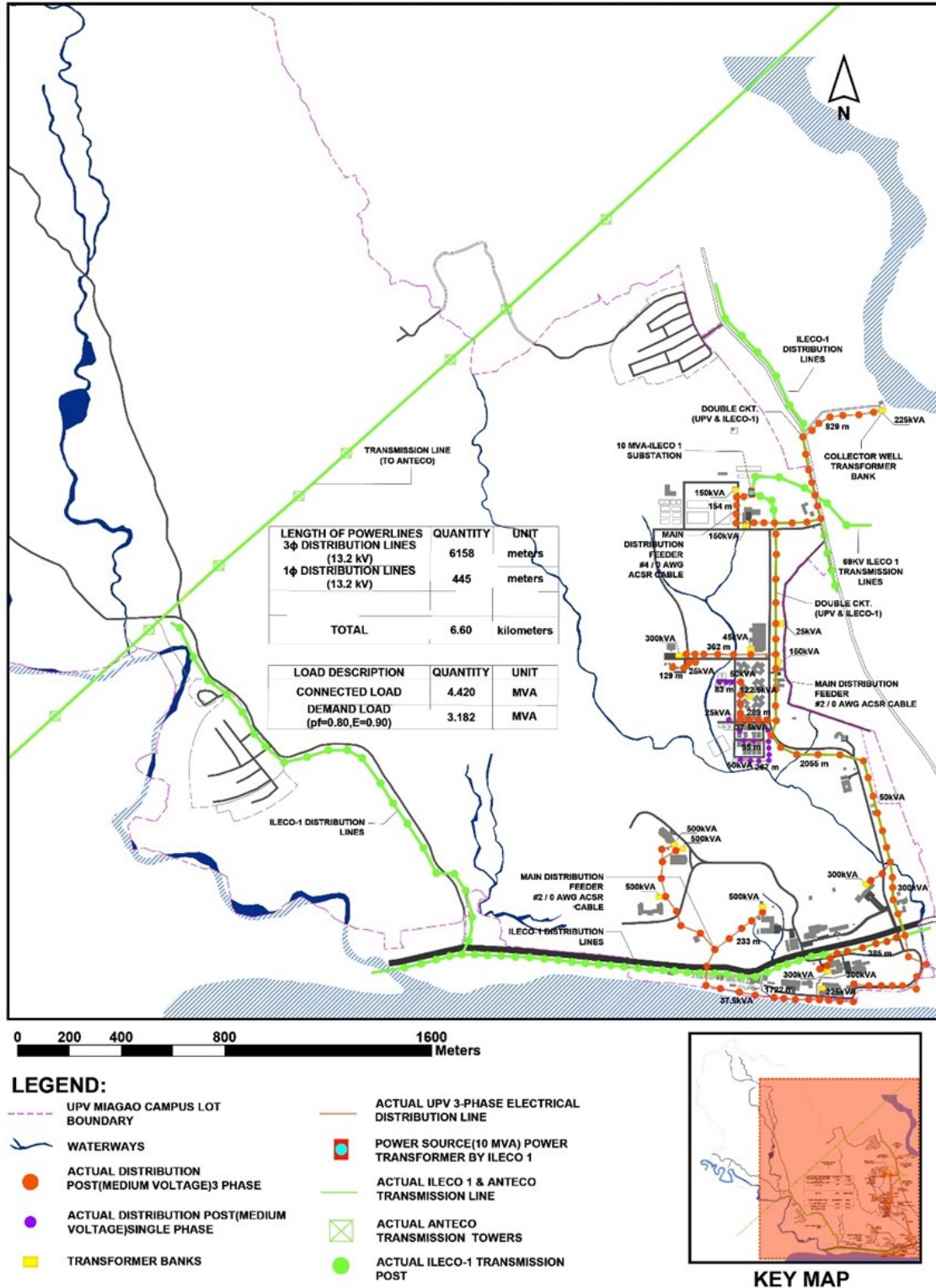


Figure 2- 26. Actual UPV Miagao Powerline System Map

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ACTUAL UPV MIAGAO WATERLINE SYSTEM MAP

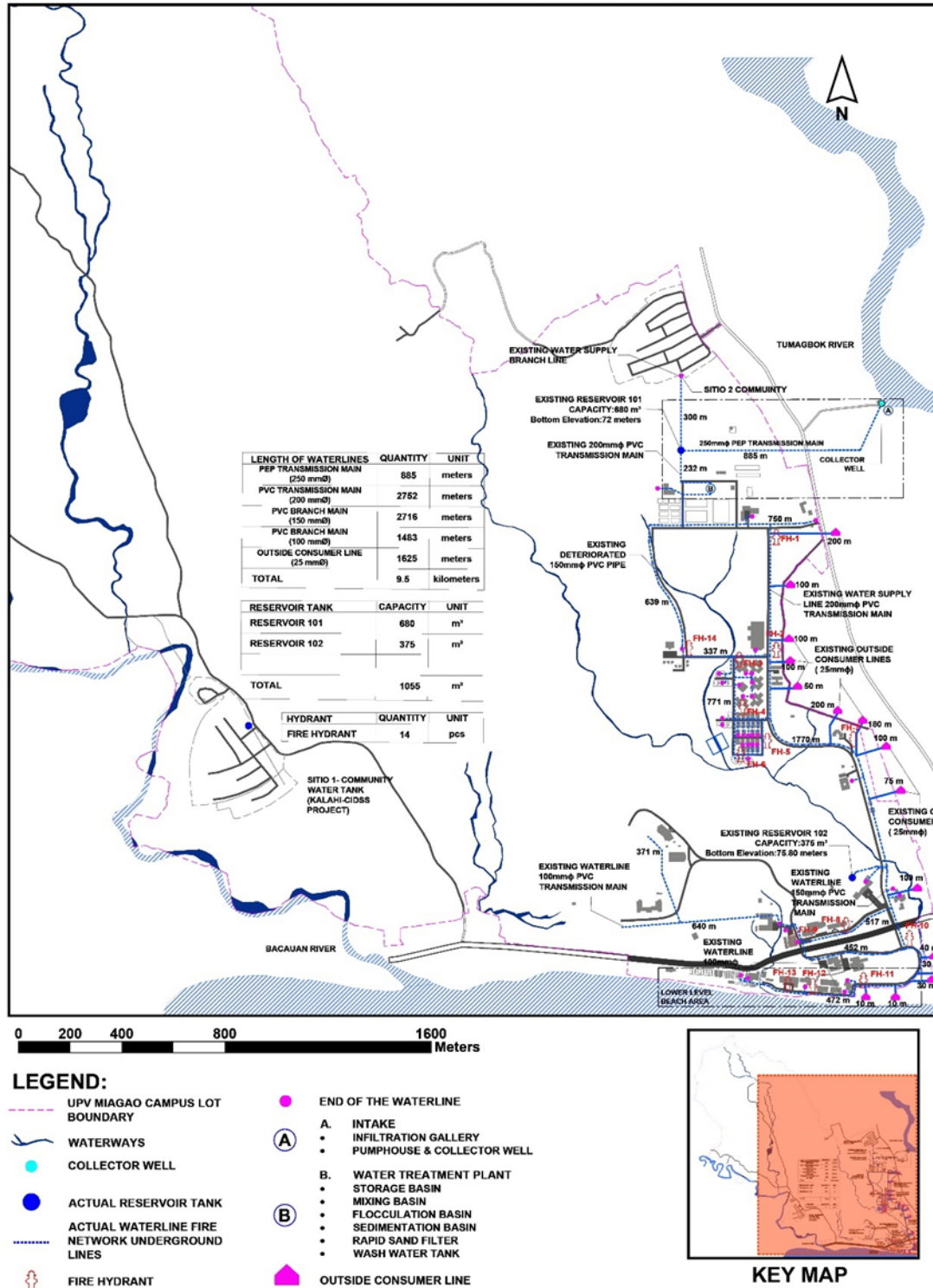


Figure 2- 27. Actual UPV Miagao Waterline System Map

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ACTUAL UPV MIAGAO WASTE WATER DISPOSAL SYSTEM MAP

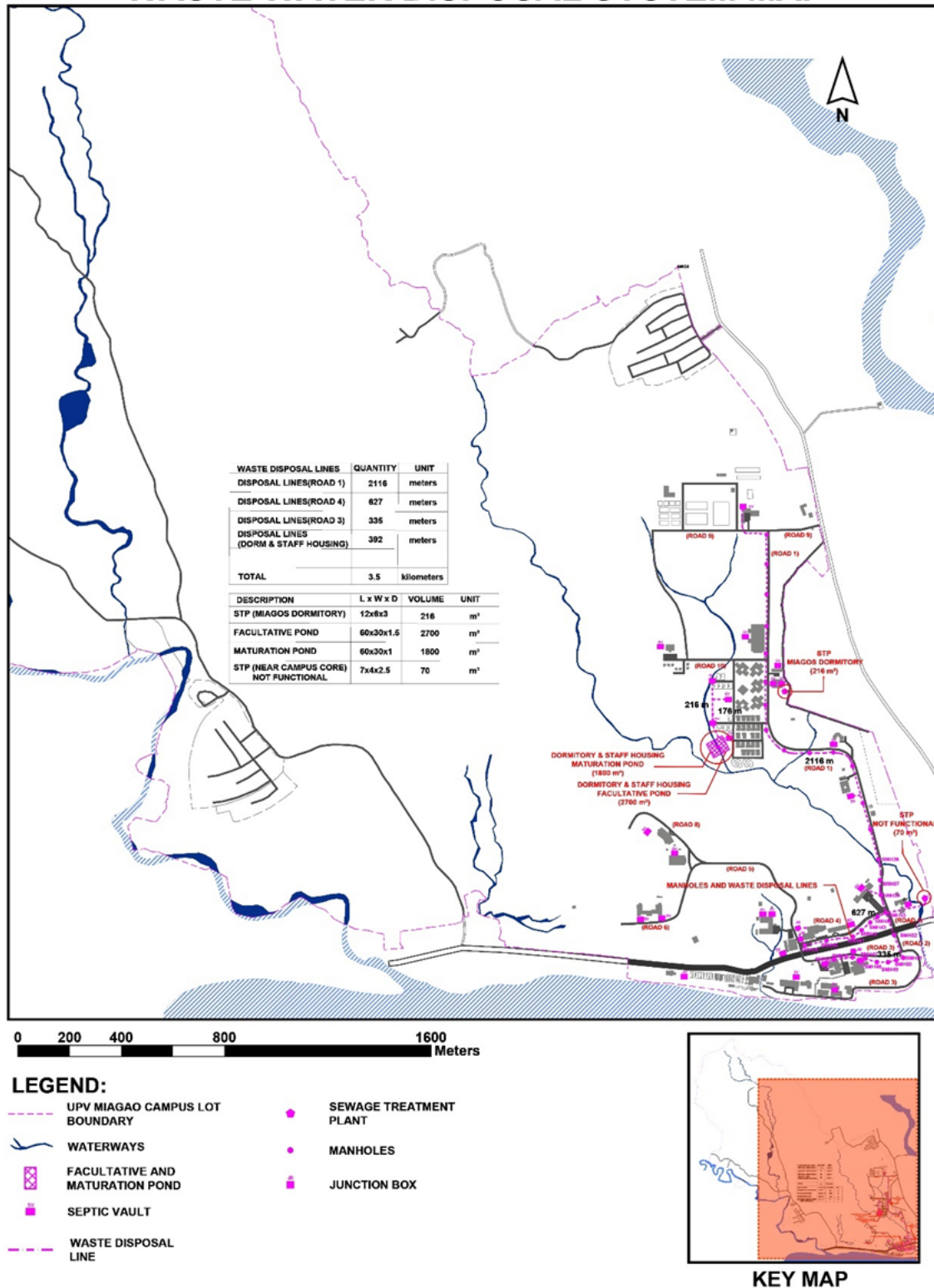


Figure 2– 28. Actual UPV Miagao Wastewater Disposal System Map

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**ACTUAL UPV MIAGAO
COMMUNICATION FIBER OPTIC BACKBONE MAP**

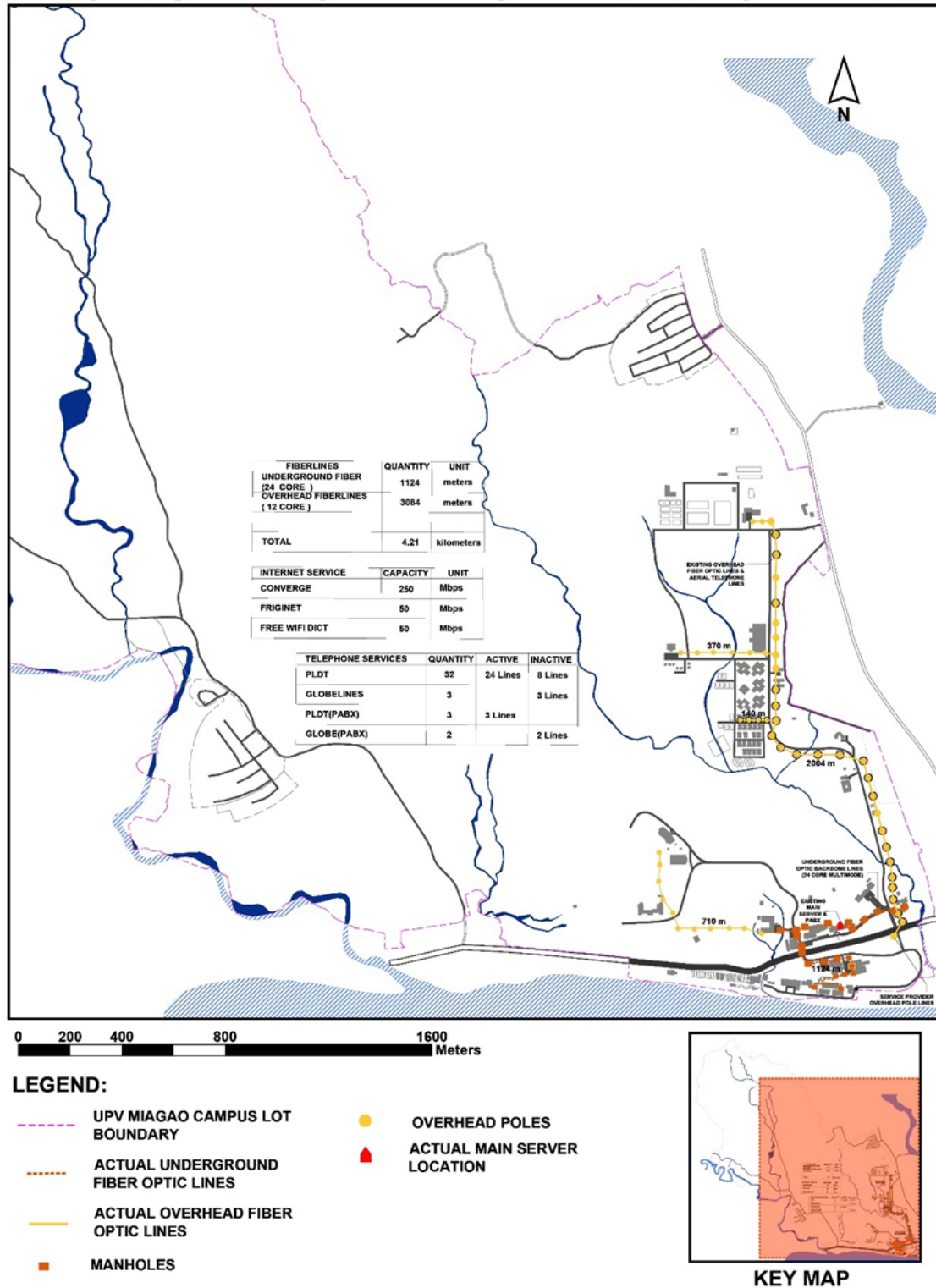


Figure 2- 29. Actual UPV Miagao Communication Fiber Optic Backbone Map

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ACTUAL UPV MIAGAO ROADWAY STREETLIGHT MAP

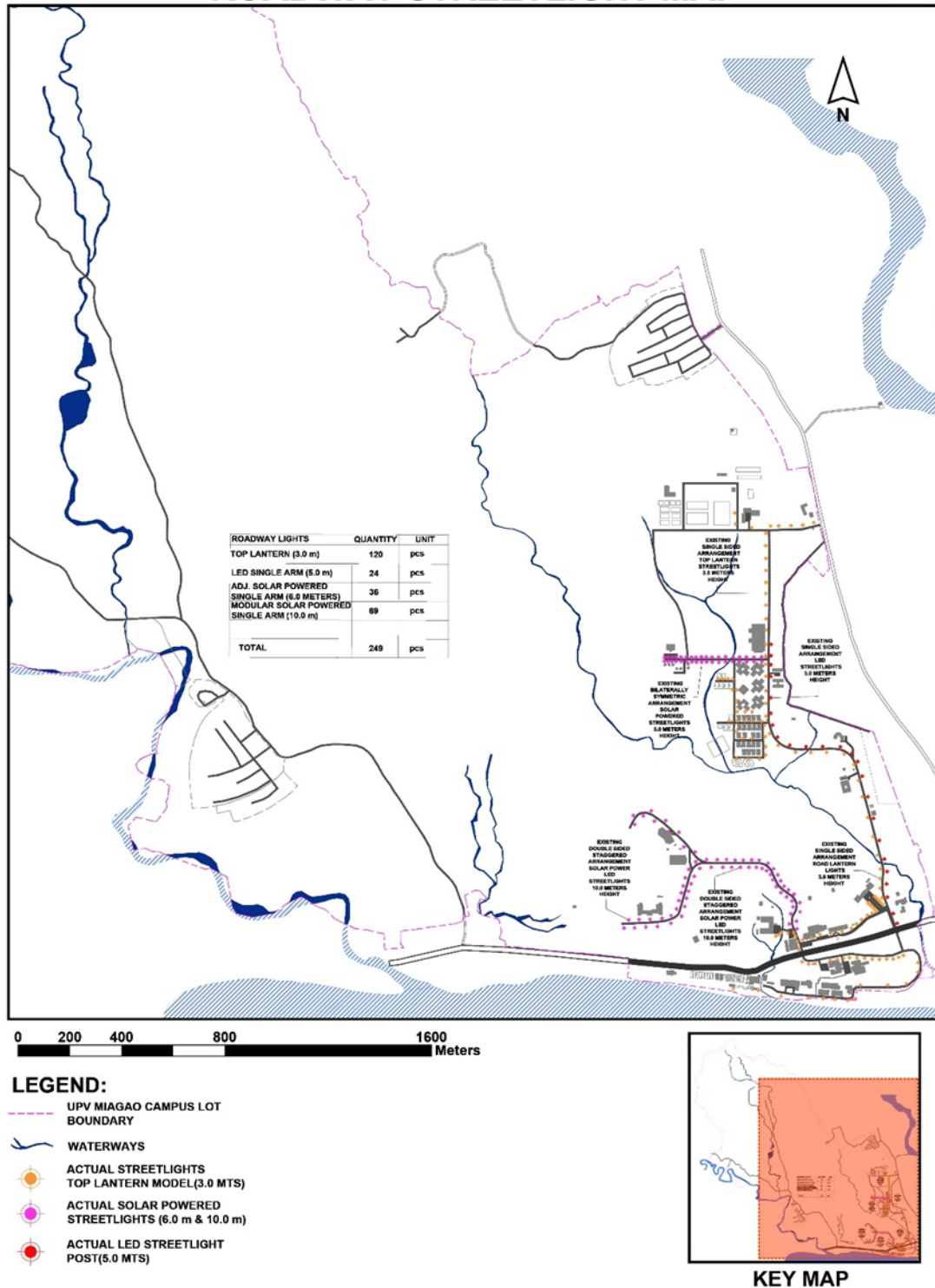


Figure 2- 30. Actual UPV Miagao Roadway Streetlight Map

Chapter 3: Analysis of Existing Conditions

3.1 UP Visayas Vision, Mission, Goals, and Objectives

3.1.1 VRG Analysis: A backgrounder¹

The vision-reality gap, or the VRG, is the quantified distance between the desired state of the area by sector, and the current situation of the sector/s. Gap analysis gives policymakers the information they need to make better-informed decisions when identifying priority areas for intervention.

The VRG is determined by conducting a vision–reality gap analysis. This type of analysis shows the extent of the difference between the ideal state, as indicated in the planning area’s vision, and the existing situation. Additionally, this analysis can also provide planners with an idea of how near the current situation is to the vision as defined by the constituents and other stakeholders.

The University of the Philippines Visayas Miagao’s vision:

*A globally competitive center of education in management and governance, re-
search, and public service*

Each UPV offices also have its own respective vision. To translate and contextualize these vision statements for LUDIP, a vision analysis workshop was conducted participated by each office and the academic departments. Below is the result of the vision-reality gap analysis.

Office of Chancellor

*A world-class institution of higher learning known for excellence in teaching, re-
search, and public service, leading in community engagement and meaningful
change in education and distinguished by a robust commitment to diversity, inclu-
sion, and democratic governance.*

The Chancellor’s 5-Point Agenda:

1. Building on strengths in teaching, research, and public service
2. Deepen engagement with our communities
3. Lead towards meaningful change in education
4. Defend and promote diversity and inclusion in our campuses
5. Reinvigorate democratic governance in the University

¹DILG, 2010. MC – 156, Series of 2010, page 70-71

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Office of the Vice Chancellor for Administration (OVCA)

The Office of the Vice Chancellor for Administration will be a responsive operations support unit providing first-rate administrative services to all the academic and other non-academic units of the university contributing to its vision of a premier university in the regional and global community.

OVCA Mission

The OVCA promotes efficient and effective operations by providing the university with fast and cost-efficient administrative services and enhancing its income-generating activities. It is dedicated to a continuous search for innovation and improvements in all its processes in order to achieve operational efficiency in the entire university.

OVCA Core Values: BSC approach

- Always aim for Happy Customers.
- Your work Provides Solutions.
- Strive to Innovate and Grow.
- Be a Contributor to the financial gains of the university.

Office of the Vice Chancellor for Planning and Development (OVCPD)

OVCPD Vision

A dynamic and innovative planning arm of UP Visayas that plans and develops projects that employ sound consultative processes among stakeholders utilizing existing and potential assets in support of the mandates of the university.

OVCPD Mission

Formulate policies and initiatives that will develop the university's resources in support of its mandates in teaching, research, and public service;

To plan and develop resources for the realization of UP Visayas' mandates thru relevant planning approaches and techniques and guided by applicable planning principles.

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Table 3- 1. Vision-Reality Gap Analysis: Office of the Vice Chancellor for Planning and

DESCRIPTORS	INDICATORS RELATE/ TRANSLATE INTO INDICA- TORS	RATING	POLICY OPTIONS	PPAs for the next 10 years
Dynamic	Number of guide- lines and policy reviews conduct- ed	5	Improve the conducting of guidelines and policy reviews relevant to the office	On Governance 1. Conducting regular guidelines and policy reviews for diverse & inclusive campus spac- es
Improved enabling environment, policies, and governance				
Developed and imple- ment relevant, quality, socially responsive, and evidence-based pro- grams and projects	Rationalized OVCPD with vital functions and resources chan- neled to core services (as per EO 1983-09)	0-4	Institute or develop a more relevant and responsive organizational structure	2. Rationalization of exist- ing organizational struc- ture and processes for enhanced efficiency and effectiveness. 3. Creation of MIS and unit for planning-related decision-making
	Creation of a Manage- ment Information Sys- tem (MIS) for planning -related decision- making and for step- ping-up capacity to monitor and evaluate results of develop- ment-oriented projects	3	Establish an MIS and a unit	-Creation of MIS guidelines -Review of documents -Benchmarking on other MIS-related unit
	Approved Standard Operation Procedure on office operations	5-7	Improve the SOP	4. Creation of MIS Com- mittee leading to an Office (EO 1983-09)
	No. of staff attending training relevant to their line of work	5-7	Enhance ca- pacity develop- ment of staff	5. Creation of SOP for approval 6. Capacity development training/workshops for the staff contributing to services of the office.
	No. of staff holding masters/PhD/ professional doctorate degrees related to their line of work	5-7	Improve staff profile	7. Creation of Staff Devel- opment Plan to improve Staff Profile

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DESCRIPTORS	INDICATORS RELATE/ TRANSLATE INTO INDICA- TORS	RATING	POLICY OPTIONS	PPAs for the next 10 years
	<p>No. of sound capital outlay and relevant proposals prepared</p> <p>Have addressed EIA concerns, National Building Code of the Philippines, Green Building Code, Accessibility Act, GAD concerns, contents followed the provisions of the UP-Development Principles and Design Guidelines, and applied the provisions of relevant issuances to specific projects.</p> <p>A proposal has passed the review of relevant TWGs</p>	6	Improve the soundness/ quality of capital outlay and relevant proposals	<p>Creation of inter-office or multi-disciplinary committees (from DURP, Marketing, Biology, Chemistry, SOTECH, PSM, SocSci, Management) for certain project proposals on but not limited to:</p> <ul style="list-style-type: none"> • Sustainable resource generation • Site development • Site reforestation/ afforestation • Site acquisition • Site development of UPVs' relocation areas
	% Area of the UPV campus reforested	4	Enhance ecological health of the campus	On Reforestation & Afforestation
	% Area of the UPV campus afforested	6		Creation of project proposal to include vegetation plan
	% of land titling process completed	3	Institute better mechanisms on land titling processes	<p>On Land Titling and Land Consolidation</p> <ol style="list-style-type: none"> 1. Creation of land titling plan for both Iloilo City and Miagao campuses 2. Creation of land titling plan for other properties of UPV in Visayas, Mindanao, and Luzon. 3. Creation of an inter-agency partnership to address land titling, land consolidation concerns in UPV Iloilo City and Miagao campuses

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DESCRIPTORS	INDICATORS RELATE/ TRANSLATE INTO INDICA- TORS	RATING	POLICY OPTIONS	PPAs for the next 10 years
				4. Creation of an inter-agency partnership to address informal settlements in UPV campuses and other properties of UPV. 5. Creation of an inter-agency partnership to address land titling, and land consolidation concerns in UPV properties in Visayas, Mindanao, Luzon 6. Ways and means to expand sources of funds for land (apart from government funds) to address titling and land consolidation 7. Upgrading of Relocation Sites 8. Resurvey of Miagao and Iloilo City properties 9. Fencing of properties in Iloilo City
	No. of resource generation proposals enhanced and/or developed	4		Creation of a committee to review proposals with members coming from the office and other offices, as needed.
	No. of resource generation proposals approved			Monitoring of proposals submitted

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DESCRIPTORS	INDICATORS RELATE/ TRANSLATE INTO INDICA- TORS	RATING	POLICY OPTIONS	PPAs for the next 10 years
Creative/ innovations Developed and strengthened the planning champions that are competent and service-oriented	Availability of Technical Working Groups in charge of preparing development-oriented conceptual plans	6	Improve the composition of TWG	1. Creation of multidiscipline/interoffice committees for specific projects 2. Continuous capacity development of staff and other members involved in certain projects
	Access to state-of-the-art tools and techniques in data collection and analysis	2	Establish sharing of resources	1. Acquisition of appropriate tools or system 2. Establish a mechanism to share resources with other offices and other institutions, especially for equipment that are expensive to purchase
	Application of technology to streamline processes	3	Establish a mechanism to streamline processes	3. Establish coaching and mentorship with other colleges and other universities or organizations for the iterative improvement of tools and techniques
	No. of commercialized technology promoted (S & T, Innovation HUB, FTBI)	5	Enhance promotion and commercialization of technology	1. Creation of multidisciplinary/interoffice committees for specific projects 2. Creation of education and information materials for the promotion of technology
	No. of partnership/ collaboration with the community in the collection and propagation of endemic tree seedlings			

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DESCRIPTORS	INDICATORS RELATE/ TRANSLATE INTO INDICA- TORS	RATING	POLICY OPTIONS	PPAs for the next 10 years
	Percentage of land and water resources developed for resource generation	3	Institute mechanisms to develop properties for re-source generation purposes	<ol style="list-style-type: none"> 1. Creation of project proposals on resource generation projects (ex. Coco Farm, Bambuse-tum, University Gar-dens, UPV-Farmers Partnership) -Creation of multi-disciplinal/multi-office committees 2. Review of approved LUDIP for re-tuning/ refinement
	Percentage of land developed for residen-tial/housing needs	5	Improve the land for resi-dential/housing needs	<p>Develop project projects related to site develop-ment for specific zones</p> <p>Develop project proposals related to site mainte-nance for specific zones</p>
	Percentage of land and water resources devel-oped for other services (zones for academic support, community services, agriculture)	0-4	Establish mechanisms to develop land and water re-sources	<p>Review Develop project proposals related to site maintenance for specific zones</p> <p>Review of approved LUDIP for re-tuning/ refinement</p>

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DESCRIPTORS	INDICATORS RELATE/ TRANSLATE INTO INDICA- TORS	RATING	POLICY OPTIONS	PPAs for the next 10 years
<p>Meaningful Consulta- tive Processes</p> <p><i>Created and main- tained venues for the public to pro- vide meaningful input s into the decision- making process.</i></p>	<p>No. of planning work- shops conducted/ organized that includes relevant stakeholders on various projects (ex. LUDIP preparation for both Magao and Iloilo City campuses</p>	5	<p>Enhance the quality of con- ducting activi- ties</p>	<p>On Process</p> <ol style="list-style-type: none"> 1. Establish appropriate consultative/ participatory models in the conceptualizing, planning, implementa- tion, and M and E of projects. -Creation of a committee -Formulation of procedures guide on democratic participatory models in planning 2. Creation of an inter- office/multi-disciplinal committee to review the consultative processes in OVCPD to improve efficiency and effective- ness in service delivery.

i. Office of the Vice Chancellor for Research and Extension (OVCRE)

*UPV is a leading institution in knowledge generation and translation in the fields of fisheries, aquatic, sciences, and allied sciences through the excellent provision of support and efficient imple-
mentation of research and public service programs*

Mission

- Formulate policies and initiatives that will enhance and vitalize the research and public service activities of the university in the field of fisheries and aquatic sciences;
- Facilitate the conversion of research outputs to products for societal use;
- Initiate linkages that will enhance and bring in resources for research;
- Provide services to the communities to capacitate them through continuing education and livelihood training.

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Table 3- 2. Vision-Reality Gap Analysis: Office of the Vice Chancellor for Research and Extension

Descriptor	Indicators	Current Reality Rating	Gap	Policy Options and PPAs
Leading	100% of research projects completed	5	5	Enhance Creation of a Research Admin Office (RAO) to assist researchers and monitor project implementation
	No. of creative work produced (from RCWPPS)	4	6	Enhance Allotting RCWPPS funds for creative work proposals
	No. of research related to local heritage/ WV studies (from RCWPPS) 4	4	6	Enhance Allotting RCWPPS funds for Visayan heritage/ studies research proposals
Innovative	Quantity of breakthrough researches	N	10	Introduce Enhance skills of researchers in undertaking novel researchers through regular prior art and patentability search training Linkages with institutions to promote implementation of “novel” research Regular consultations with stakeholders to identify “pain points” that need to be addressed by academic researchers
	No. of Multi/Transdisciplinary research	N	10	Introduce UPV Research Mentorship and Collaboration Program [e.g. inter-college summer school for research]

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Descriptor	Indicators	Current Reality Rating	Gap	Policy Options and PPAs
	No. of research collab with other agencies/SUCs	4	6	Enhance UPV Research Mentorship and Collaboration Program [e.g. inter-SUC trainings and workshops]
	Number of facilities/ equipment (inc connectivity) that support research	4	6	Enhance Infra Review and Assessment; Stakeholders' consultations
	Number of facilities (inc technology, training spaces, offices) that support public service	4	6	Enhance Infra Review and Assessment; Stakeholders' consultations
	No. of infra (bldgs) that support research and PS	4	6	Enhance Infra Review and Assessment; Stakeholders' consultations
				Enhance Quarterly review of IP Portfolio
	No. of technologies generated from research activities	6	4	Assessment of Technology Readiness Level of research outputs
				Regular conduct of customer discovery training
				Semi-annual update of tech venture board
	Presence of venues to showcase work of creative art (performing arts, visual arts, music, film, etc)	5	5	Enhance Infra Review and Assessment; Stakeholders' consultations
	Integration of science and arts	5	5	Enhance UPV Research Mentorship and Collaboration Program [e.g. collaboration between science and arts clusters]

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Descriptor	Indicators	Current Reality Rating	Gap	Policy Options and PPAs
	Promotion of West Visayan heritage and culture	7	3	Sustain Innovations in exhibits and visual presentations of WV heritage and culture (in response to the new normal)
Excellent	Number of awards (R&PS)	9	1	Sustain Encourage applications to awards
	Number of grants received	8	2	Sustain Facilitate applications to grants through the RAO
	Number of research citations (Google h-index)	8	2	Sustain Sustain
	No. of webinars and online courses conducted	8	2	Enhance
				Introduce Regular prior art and patentability search training
	Research translated to publications	5	5	Capacitate TTBD staff and UPV researchers in drafting patent and other IP applications as well as in prosecuting these IP applications Enhance Regular prior art and patentability search training
	No. of research translated to patents (and other property rights)	2	8	Capacitate TTBD staff and UPV researchers in drafting patent and other IP applications as well as in prosecuting these IP applications

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Descriptor	Indicators	Current Reality Rating	Gap	Policy Options and PPAs
Efficient, Timely, Effective and Relevant				Enhance Regular prior art and patentability search training
	Translated to UMs	6	4	Capacitate TTBD staff and UPV researchers in drafting patent and other IP applications as well as in prosecuting these IP applications
	% of research with ethics review	2	8	Introduce Promotion of research ethics review among faculty, REPS and students
	Translation of research output to extension services (and vice versa)	2	8	Introduce Clustering of public service- research and mentoring
	Admin support provided to research (including procurement of research needs)	4	6	Enhance Creation of a Research Admin Office (RAO) to assist researchers and monitor project implementation
	Admin support provided to PS (including procurement of research needs) (items/ plantilla requirements)	4	6	Enhance Review of OCEP functions and operations and implement necessary recommendations
	No. of Virtual repositories	4	6	Enhance
	Number of technology transferred (extension)	3	7	Clustering of public service- research and mentoring
	No. of personnel attending professional/ career development/ enhancement trainings (including degrees)	3	7	Enhance

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Descriptor	Indicators	Current Reality Rating	Gap	Policy Options and PPAs
	No. of facilities maintained and up-graded	5	5	Facilities Review and Evaluation Enhance
	Institutional linkages established	6	4	Promote partnership and collaboration with relevant stakeholders Introduce
	No. of research findings utilized by end user	3	7	Regular assessment of the technology readiness and market readiness levels of technologies
	-commercialization -public good			Institutionalize/Adopt tools that measure the societal/economic impact of technologies
	No. of trainings and technical services provided	7	3	Maintain number of trainings and technical services currently provided
	No. of persons trained			
	No. of policy recommendations utilized by end user	4	6	Research and PS colloquium to be attended by LGUs, Legislators, Policy making bodies Introduce PS offering to specific communities
	No. of engagements with local communities	3	7	Focus on specific communities for PS engagements Enhance partnership with communities and stakeholders
	No. of partnerships with communities and stakeholders	5	5	Clustering of public service- research and mentoring Maintain number of beneficiaries currently availing of technical support
	No. of technical support provided	7	3	Clustering of public service- research and mentoring

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Descriptor	Indicators	Current Reality Rating	Gap	Policy Options and PPAs
	Accreditation for professional trainings (CPD)	N	10	Develop short courses with CPD points for UPV graduates and other professionals OCEP as accredited CPD facilitator of UPV
	No. of personnel involved in local and national TWGs, committees, etc.	6	4	
	Space/area for storage of research materials and outputs			
	research outputs/ technologies adopted or mainstreamed	2	8	Introduce Regular conduct of technology pitching, exhibits, and reverse pitching events Strengthen linkages with industry, business organizations, social enterprises etc.
	Compliance with laws and minimum standards Gender-responsive, PWD friendly, waste disposal, occupational health, environmental protection, etc.)	GR = 2 PWD = 2 WD = 0 OH = 1 EP = 5	GR = 8 PWD = 8 WD = 10 OH = 9 EP = 5	[on GR: Intensive Capacity Building on the use of the HG DG tools for infrastructure development]

Office of the Vice Chancellor for Academic Affairs (OVCAA)

An office committed to uphold the standards of responsive academic excellence in the University by providing effective coordination and development of responsive academic programs and services for students and academic personnel.

OVCAA Mission

- To promote academic excellence through efficient coordination and development of curricular programs, instructional materials, library services, and other academic programs and services in the University.
- To facilitate efficient delivery of quality services that fulfill the needs of the academic personnel and students.
- To augment support for teaching and learning activities to ensure the attainment of the missions of the University

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College of Arts and Sciences (CAS)

A premiere institution for the arts and the sciences, sensitive and responsive to the needs of changing times locally and internationally

Table 3- 3. Vision-Reality Gap Analysis: College of Arts and Sciences

Descriptor	Indicators	Current Reality Rating	Gap	Policy Options and PPAs
Sensitively responsive Sensitive	Tripartite functions:			
	1. Education + GE, gender	8	2	Upgrade and acquire required laboratory equipment for teaching and research. Strengthen the faculty profile of the Department.
	2. Research/creative work activities – similar to PS entries	8	2	Infra: Upgrade/improve Multimedia Hubs, teaching/academic and research laboratories, and film/broadcast studios Non-infra: Expand partnerships through MOU/MOA with Private Sector, Industry, NGAs, and NGOs Equipment: Upgrade/improve laboratory/studio equipment Creation of research programs per cluster. Non-infra: Improve the research output of the faculty members Propose the acquisition of new instruments/equipment/chemicals Equipment: Upgrade facilities through procurement of specialized equipment Scale up/Enhance implementation of public service activities
	3. Number of public service activities (health and nutrition, disaster risk reduction and management, climate change adaptation, human rights and democracy, governance, resiliency, cultural heritage, arts and literary works, communication and information dissemination, education)	8	2	Non-infra: Improve and expand the existing training programs, community outreach services, information services, and direct extension services

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Descriptor	Indicators	Current Reality Rating	Gap	Policy Options and PPAs
Responsive	Compliance with laws (gender, ash, building codes, environmental codes, biosafety, and traditions, ordinances, policies, plans, mandate of UPV)	5	5	Upgrade the existing facilities for vulnerable sectors (e.g. PWDs, senior, pregnant women, lactating women)
	Number of participation in community discourse, stakeholders meeting	8	2	<p>Non-infra: Conduct capacity-building activities for LGUs/communities/various agencies in support of compliance with SDG, adaptation to climate change, and gender equity goals</p> <p>Update basic laboratory facilities to ensure safety in the laboratory. Equipment: Install health and safety equipment in the CAS building including its facilities</p> <p>Minimize quantities of chemicals used and waste generated from the laboratory.</p> <p>Non-infra: Establish policy and procedures for environmental safety</p> <p>Non-infra: Organize cultural activities, which foster inclusivity and harmony despite diversity involving children, youth, and even the elderly and PWD such as digital conversation on heritage, heritage camps, training on tour-guiding and cultural heritage management, etc.</p>

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Descriptor	Indicators	Current Reality Rating	Gap	Policy Options and PPAs
				<p>Enhance community engagement</p> <p>Non-infra: Expand partnerships with LGUs in designing/ implementing/facilitating local community talks</p> <p>Infra: Expand spaces/hubs that can support community discussions/dialogues/conversations</p> <p>Non-infra: Partner with LGUs in the conduct of activities geared toward the preservation and promotion of cultural heritage such as training on festival management and cultural mapping of community assets and resources</p>
Perceptive	Respect/awareness of local customs practices	8	2	<p>Upgrade the existing cultural facilities at par with the needs of IPs and other cultural communities</p> <p>Non-infra: Expand linkages to NCIP, NCCA, NHCP, and other cultural organizations</p>
	Respect for diversity (indigenous peoples)	8	2	<p>Infra: Expand and upgrade existing Indigenous Peoples and Traditional Arts Hub and its facilities to be more IP- friendly in terms of its permanent and changing exhibits and features</p>
	Biosystem, traditional knowledge systems and practices (TKSP)	8	2	<p>Infra: Convert the existing Disaster Risk Reduction and Climate Change Adaptation Hub to Culture and Heritage Resilience Hub to be consistent with the CWVS mandate.</p>

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Descriptor	Indicators	Current Reality Rating	Gap	Policy Options and PPAs
Premier (lead)	Tripartite			Enhance support mechanism to enhance and sustain leadership in research, instruction, and public service
	1. Leadership and participation	7	3	
	Publications, recognition/ accreditation, awards, techno innovations, advocacies, AUN Criterion 7 Infra, wellness room, consultative training/technical engagements (MOAs), leadership in research teams, prof org, cultural engagements/preservation/ heritage Mentorship, advisorship, well-being Collaborations/internationalization	4	6	Infra: Complete the construction as originally planned for the current site of the CAS building Non-infra: Procure official CAS vehicle Non-infra: Establish/create the CAS website Infra: Install tiles in the CAS building Infra: Establish the CAS Resource Generation Office Infra: Construct the footbridge connecting the Tomas Fonacier Building to the area where the Zoology Shed is located (proposed CAS Research and Learning Village) Infra: Construct fire exits/stairs in the Tomas Fonacier Building Infra: Construct the chemical and bio as well as other solid waste facilities for CAS Infra: Assign/establish permanent office structures for COP-BIDANI, Language Program, and QA. Infra: Install and upgrade the CAS building facilities (power, IT, water system, structure) Infra: Construct the CAS Cafeteria Infra: Construct the faculty lounge (Miagao and City campuses), student lounge, and conference rooms Infra: Build additional Parking Space for CAS Non-infra: Establish linkages with international HEIs for faculty, staff, student exchanges as well as teaching research/creative/public service collaborations Equipment: Upgrade and establish facilities for wellness and sports for well-being and training
	2. Awards of faculty/students/staff (categorize)	6	4	

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Descriptor	Indicators	Current Reality Rating	Gap	Policy Options and PPAs
Consultative	Number of strategic planning, stakeholders forums, committees Number of public forums conducted Number of a Feedback system, oSET, evaluation of PS activities, Tracer studies, Alumni engagements	8	2	Enhance engagement within UPV and the larger community Non-infra: Improve the support system of Regularization (Security of Tenure) for Temporary & Contractual Personnel in public service units of the CAS; Regular professional growth & development activities for CAS REPS & Administrative Personnel
Dynamic (include local, regional, national, and international factors, flexibility)	No of revised curricular programs, training of research methods, Professional dev't and growth - training, number of faculty items/staff, faculty -student ratio, no. of API training/seminars conducted, scholarship	8	2	Enhance support mechanisms and engagements in teaching, research, and public service Non-infra: Improve the support system of Regularization (Security of Tenure) for Temporary & Contractual Personnel in public service units of the CAS; Regular professional growth & development activities for CAS REPS & Administrative Personnel Non-infra: Expand the staff opportunities for professional growth by sending them to training that responds to their needs
Innovative	Number of facilities/space (teaching and research labs, faculty room, unit offices), parking space, No. of audio-visual rooms, studios, cultural/performing arts venues, etc.	5	5	Development/ upgrade/ establishment of facilities/space (teaching and research labs, faculty room, unit offices), parking space, No. of audio-visual rooms, studios, cultural/performing arts venues, etc. Equipment: Encourage proposals for external funding to build up the equipment portfolio
	Number of technology innovations, patents, utility models, copyrights,	3	7	Provide incentive mechanisms for IPR Non-infra: Encourage the use of online digital archiving facilities for academically worthy but unpublished reports from students, special problems/thesis, and research projects.

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Descriptor	Indicators	Current Reality Rating	Gap	Policy Options and PPAs
Creative	Number of new degree programs/ courses instituted and New Interdisciplinary programs developed, pedagogical approaches applied, blended learning courses, collaborative partnership	5	5	Enhance support for various teaching and learning approaches Infra: Upgrade the existing cultural hubs and museums to be at par with the state-of-the-art memory institutions in the world; updating the collections
	Number of Training modules, learning platforms, and training programs	8	2	Expand the area of discipline/ audience Infra: Build the CAS Research and Learning Village beside the Tomas Fonacier Building Non-infra/Equipment: Digitize records of offices and research facilities Infra: Establish the Knowledge Management Center for CAS Non-infra: Develop the Information System for CAS Data and File Management Infra: Establish the Chemistry Jardiniere, Butterfly garden, and botanical garden Infra: Establish the Forest theater Infra: Construct a building that will house training rooms, research labs, and additional lecture rooms Infra: Construct a Showcase Room Non-infra: Expand the development of knowledge products and creative outputs

Source: CAS VRG Workshop, DATE

College of Fisheries and Ocean Sciences (CFOS)

*A world-class institution in the fields of fisheries and aquatic sciences
(Isang kinikilalang pandaigdigang institusyon sa larangan ng pangisdaan at syensyang pang-aquatiko)*

CFOS Mission

- Provide quality education in the field of fisheries and aquatic sciences;
- Conduct cutting-edge and relevant researches in the fields of fisheries and aquatic sciences;
- Lead in the formulation and implementation of effective extension programs; and,
- Advocate for policy directions in the utilization and management of fisheries and aquatic resources

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Table 3- 4. Vision-Reality Gap Analysis: College of Fisheries and Ocean Sciences

Descriptor	Indicators	Current Reality Rating	Gap	Policy Intervention
Globally competitive	Instruction/Program Quality			
	% of faculty members with PhDs	4	6	Enhance Periodic updating of the faculty development plan
	No. of post-graduate degree programs	8	2	Enhance Introduce new programs (PhD Mgt, MURP, MM Mgt- Research Track)
	No. of programs accredited by both local international accreditation bodies	0	10	Introduce Program/Course Review Performance Assessment
	Compliance with AUN-QA standards and other accrediting bodies	0	10	
	% of faculty members trained	8	2	Enhance Enhance the capacity of faculty members on course planning and delivery, assessment, and monitoring
	Quality of Students/ Graduates			
	Selection Criteria for Admission Reviewed and institutionalized	9	1	Enhance Review Selection Criteria to incorporate inclusivity and diversity in the student community
	Increase in the Passing % in licensure examination	7	3	Enhance Curriculum and retention policy review; benchmarking with other institutions
	No. of alumni occupying decision-making positions	0	10	Enhance Periodic conduct of tracer study among graduates
	% of graduates (2 years prior) that are employed	9	12	

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Descriptor	Indicators	Current Reality Rating	Gap	Policy Intervention
	Scientific Productivity			Enhance Develop and implement a college research plan
	No. of peer-reviewed publications	7	3	
	% of faculty involved in research	6	4	
	No. of research presentations (National/International)	8	2	
	No. of research projects completed	7	3	
	No. of citations	6	4	
	No. of research utilized by the industry/stakeholders	5	5	
	Amount of research grants	7	3	
	No. of research-related activities conducted	7	3	
	Extension			
	No. of public service initiatives	10	0	Sustain Implement an institutionalized College-based extension program
	No. of beneficiaries/participants	10	0	
	No. of capability programs/technical assistance initiated and conducted	10	0	
	% of faculty involved in public service and training programs	7	3	Enhance Implement an institutionalized College-based extension program
	% of staff involved in public service and training programs	8	2	
	No. of communities adopted/assisted	5	5	
	% of successful incubatees	6	6	
Responsive to the needs of stakeholders	Rated excellent by key clients (project beneficiaries, incubatees, communities served, and other University clients)	9	1	Sustain Institutionalize client satisfaction survey for all activities undertaken

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Descriptor	Indicators	Current Reality Rating	Gap	Policy Intervention
Enabling research environment	% of budget allocated for research availed by the college	7	3	Enhance Increase access to University-funded in-house research grants
	No. of collaborative research program with other colleges/units in place and/or re-research institutions in place	6	4	Enhance Tie-up with other colleges and funding institutions for collaborative researches
	Availability of institutional support for researches within the college in place	5	5	Enhance Institutionalize a one-stop shop for researchers and students of UPV-CM
	Presence of research infrastructure in place (internet connectivity, journal access, software and computer programs, plagiarisms scans)	7	3	Enhance Improve research infrastructures
Good and inclusive governance	% of requests responded on time	9	1	Sustain institutionalize increase compliance to the provisions stipulated in the ARTA
	% of administrative personnel trained for skills enhancement and development	8	2	
	% of ARTA requirements satisfied	9	1	
	Availability of funds for student support	8	2	Sustain Allocate funds intended in support to student activities
	% of funds utilized for student support	0	10	Introduce Allocate funds intended in support to student activities
	Amount allocated for ICT support for marginalized students	5	5	Enhance Allocate funds intended for ICT support particularly of the marginalized students
	Presence of health and wellness facilities	2	8	Enhance Improve health and wellness facilities and infrastructures
	Amount allocated for health and wellness programs	0	10	Introduce Improve health and wellness facilities and infrastructures

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Descriptor	Indicators	Current Reality Rating	Gap	Policy Intervention
Collaborative governance	No. of LGU/NGOs linkages	8	2	Sustain Collaborate with LGUs /NGOs
	No. of collaborations with public and private sectors	8	2	
	No. of HEIs engagements	7	3	Sustain Extend technical assistance to HEIs and other academic institutions
	No. of MOA/MOU institutionalized	7	3	
	No. of activities with alumni engagement	7	3	Sustain Create partnerships with the alumni
	No. of alumni participated in various college programs	7	3	Sustain Create partnerships with the alumni

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School of Technology

A lead institution in food, environment, and engineering, complementary to the mandate of the University of the Philippines Visayas

Mission

- Produce globally-competitive leaders and innovators
- Generate and transfer environment-friendly and ridge-to-reef appropriate technologies
- Advocate for and contribute to sustainable development

Table 3- 5. Vision-Reality Gap Analysis: School of Technology

Descriptors	Indicators	Ratings	Policy Options	Policy Options (Interventions to “narrow down the gap” Programs, Projects, Activities (PPAs))
Lead institution	80% ChE Board exam passing rate	9	1	Sustain: Continue the practice of hiring highly qualified ChE faculty members Continually improve and update the quality of the program and courses.
	100% of students graduating on time	7	3	Improve: Strengthen adviser-advisee relationship by conducting regular consultations within each program year level Intensify program/course-related student activities to maintain student interest and increase appreciation of their chosen field Address causes of students’ difficulties in certain courses that result in their extension of years in the program
	Program accreditation (e.g ABET)	3	3	Develop: Create a working committee solely for the purpose of program accreditation
	Graduates in managerial or supervisory positions in companies	0	10	Establish: Continue producing highly qualified graduates

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3.2 Analysis of Existing Conditions of Facilities

The results of the risk assessment of structures on Miagao campus were based on the online workshop with the Physical Infrastructure Committee using the Climate and Disaster Risk Assessment (CDRA) as a reference.

Table 3- 6. Results of Risk Assessment of Facilities in the UPV Miagao Campus

Name of Facilities	Age of Building/ Date of Construction	Existing Condition	RISK CATEGORY				
			< 5 (Low), 5 to 11 (Moderate), 12 to 24 (High)				
			Flood	Ground Shaking	Rain-Induced landslide	Liquefaction	Severe Wind
1. Administration Building	1998	GOOD	Low	High	High	Moderate	Moderate
1a. Oblation	1999	GOOD	Low	Moderate	Low	Low	Moderate
3.(CM) School of Technology Bldg.	1999	GOOD	Moderate	High	Low	Moderate	Moderate
3a. College of Management	2021	GOOD	Moderate	High	Low	Moderate	Moderate
3b. Guard House Box 1-Entrance	1990	POOR	Low	High	Low	Low	Moderate
4. Reforestation Program Building		POOR	Moderate	High	Low	Moderate	Moderate
92. Powerhouse (back of Admin Bldg.)	2001	GOOD	Low	High	Low	Moderate	Moderate
11.Umali Hall		GOOD	Low	High	High	Moderate	Moderate
12. Pidlaon Hall	1982	GOOD	Low	High	High	Moderate	Moderate
12a. Hundred Steps	1986	POOR	Low	High	High	Moderate	Moderate
12b. Powerhouse 2	2011	POOR	Low	High	Moderate	Moderate	Moderate

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Name of Facilities	Age of Building/ Date of Construction	Existing Condition	RISK CATEGORY				
			< 5 (Low), 5 to 11 (Moderate), 12 to 24 (High)				
			Flood	Ground Shaking	Rain-Induced landslide	Liquefaction	Severe Wind
13.CFOS Wet Lab Bldg.1	1982	GOOD	Moderate	High	High	Moderate	High
13a. CFOS Wet Lab Bldg.2	1982	GOOD	Moderate	High	High	Moderate	High
13b. CFOS Wet Lab Bldg. 3	1982	GOOD	Moderate	High	High	Moderate	High
13c.CFOS Wet Lab bldg.4	1982	GOOD	Moderate	High	High	Moderate	High
13d.CFOS Wet Lab bldg.5	1982	GOOD	Moderate	High	High	Moderate	High
14. Multi purpose Bldg.	2019	GOOD	Low	High	High	Moderate	High
9.Tomas Fonacier Bldg.	1984-1998	GOOD	Low	High	High	Moderate	Moderate
9a. CAS cooperative center		GOOD	Low	High	High	Moderate	Moderate
9b. Study nook	2012	POOR	Low	High	Moderate	Low	Moderate
9c. Anatomy Laboratory	2002	POOR	Low	High	High	Moderate	Moderate
9d. Marine bio-lab. Annex.	2020	GOOD	Low	High	High	Moderate	Moderate
9e. Chemistry Jar-dinière)	2012	POOR	Low	Moderate	Moderate	Low	Moderate
65.FreshWater & Aquaculture Center Bldg.	1991	POOR	Low	High	Moderate	Moderate	Moderate
(65a.Fishpond)	1929	GOOD	Low	Moderate	Moderate	Low	Moderate
23. Regional Research Center			Low	High	Moderate	Moderate	High
23a. Power House (RRC)	2018	GOOD	Low	High	Moderate	Moderate	Moderate

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Name of Facilities	Age of Building/ Date of Construction	Existing Condition	RISK CATEGORY				
			< 5 (Low), 5 to 11 (Moderate), 12 to 24 (High)				
			Flood	Ground Shaking	Rain-Induced landslide	Liquefaction	Severe Wind
19.Sotech Bldg.	2019		Low	High	Moderate	Moderate	High
19a. Transformer pad Genset room (SOTECH)	2021	GOOD	Low	High	Moderate	Moderate	Moderate
58. Academic Classroom Annex (formerly KLC)	1996	POOR	Moderate	High	Moderate	Moderate	Moderate
5.Old University Library & Museum	1982	GOOD	Low	High	High	Moderate	High
8. College Union Bldg.	1982	GOOD	Low	High	High	Moderate	High
8a. Bowling Center.		GOOD	Low	High	High	Moderate	Moderate
6. Villadolid Hall	1982	GOOD	Low	High	High	Moderate	High
15. Hatchery 15a. Guardhouse 15b. Ponds 15c. Waste Sedimentation Pond	1989	GOOD	Moderate	Moderate	Moderate	Low	Moderate
16. Fisheries Technology Business Incubator Bldg.		GOOD	Moderate	High	Moderate	Moderate	High
17. Green Mussel Hatchery Project and Algae Culture 17a. Green Mussel Hatchery and Algae Pond 17b. Multispecies Hatchery Pond.	1989	GOOD	Moderate	Moderate	Moderate	Low	Moderate

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Name of Facilities	Age of Building/ Date of Construction	Existing Condition	RISK CATEGORY				
			< 5 (Low), 5 to 11 (Moderate), 12 to 24 (High)				
			Flood	Ground Shaking	Rain-Induced landslide	Liquefaction	Severe Wind
22. Main Library			Low	High	High	Moderate	High
22b. Transformer pad (Main Lib)	2021	GOOD	Low	High	High	Moderate	Moderate
35. Balay-Balay Child Minding Center	2016	GOOD	Low	High	Moderate	Moderate	Moderate
48. Covered Court	1987	GOOD	Low	High	Low	Low	High
48a. Guard house (Covered court)	1990	POOR	Low	Moderate	Low	Low	Moderate
33. Executive Housing	1982	GOOD	Low	High	Moderate	Moderate	Moderate
36. UP Staff Housing	2017	GOOD	Moderate	High	High	Moderate	Moderate
46. Staff & Faculty Housing	1982	GOOD	Low	High	Moderate	Moderate	Moderate
44. Bamboo Village		GOOD	Low	High	Moderate	Moderate	Moderate
37. Balay Lampirong	1982	GOOD	Low	High	Moderate	Moderate	Moderate
38. Balay Apitong	1982	GOOD	Low	High	Moderate	Moderate	Moderate
39. Balay Gumamela	1982	GOOD	Low	High	Moderate	Moderate	Moderate
40. Balay Kanlaon	1982	GOOD	Low	High	Moderate	Moderate	Moderate
41. Balay Madyaas	1982	GOOD	Low	High	Moderate	Moderate	Moderate
42. Common Dining Hall	1982	GOOD	Low	High	Moderate	Moderate	Moderate
43. Balay Miagos	2014	GOOD	Low	High	Moderate	Moderate	Moderate
43a. Balay Miagos - 2	2019	GOOD	Low	High	Moderate	Moderate	Moderate
70. Sitio 1 Luman-gan		GOOD	Low	High	Moderate	Moderate	Moderate

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Name of Facilities	Age of Building/ Date of Construction	Existing Condition	RISK CATEGORY				
			< 5 (Low), 5 to 11 (Moderate), 12 to 24 (High)				
			Flood	Ground Shaking	Rain-Induced landslide	Liquefaction	Severe Wind
69. Sitio 2 Malagyan		GOOD	Low	High	Moderate	Moderate	Moderate
18. Diwata Aquascape	2000	GOOD	Low	High	Low	Moderate	High
Centennial Park-Sapa		POOR	Low	Moderate	Low	Low	Moderate
32. Infirmary	1982	GOOD	Low	High	Moderate	Moderate	Moderate
60. Physical Plant Office	1982	GOOD	Low	High	Moderate	Moderate	Moderate
60f. Reservoir 101	---	GOOD	Low	Moderate	Moderate	Low	Moderate
60e. Rapid sand filter	---	GOOD	Low	Moderate	Moderate	Low	Moderate
60b. Elevated water tank	1982	GOOD	Low	High	Moderate	Moderate	Moderate
60c. ILECO 1 sub station	---	GOOD	Low	High	Moderate	Moderate	Moderate
60d. Settling tank)	1982	POOR	Low	Moderate	Moderate	Low	Moderate
62g. Collector Well	---	GOOD	Moderate	High	Moderate	Moderate	Moderate
31. Security Service and Fire Station	2015	GOOD	Low	High	Moderate	Moderate	Moderate
2. Chancellors Park	2011	GOOD	Low	Moderate	Low	Low	Moderate
29. Arboretum	1997	GOOD	Low	Moderate	Low	Low	Moderate
4. Reforestation Bldg. (4a. Plant Nursery)			Moderate	High	Moderate	Low	Moderate
21a. Cell site (Across Oceanarium)	2015	GOOD	Low	High	Moderate	Low	High
88. CUB parking area	2005	GOOD	Low	Moderate	Moderate	Moderate	Moderate
UPV Existing Road	1990/2018	POOR	Low	Moderate	Moderate	Moderate	Moderate
Barangay Road			Low	Moderate	Moderate	Moderate	Moderate
National Road			Low	Moderate	Moderate	Moderate	Moderate

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Table 3- 7. Results of Risk Assessment of Lifeline Utilities in the UPV Miagao Campus

Name of Utilities	Description	Year Constructed	RISK CATEGORY				
			< 5 (Low), 5 to 11 (Moderate), 12 to 24 (High)				
			Flood	Ground Shaking	Rain-Induced landslide	Liquefaction	Severe Wind
Main Avenue	Rd. 4 & 5 Intersection to Main Admin Building		Low	Moderate	Low	Low	Moderate
ROAD 1	Prov. Rd (KLC) to PPO to FAS	1983	Low	Moderate	Low	Low	Moderate
ROAD 2	Rd. 4 (Kanlaon) to Faculty Staff Housing	1983/2018	Low	Moderate	Low	Low	Moderate
ROAD 2a	Rd 2 to Bamboo Village	2020	Low	Moderate	Low	Low	Moderate
ROAD 3	Staff Housing	1983	Low	Moderate	Low	Low	Moderate
ROAD 4	Nat'l Rd. to Rd. 1	1983	Low	Moderate	Low	Low	Moderate
ROAD 5	Rd. 4 (Avenue) to CAS	1983/2015	Low	Moderate	Low	Low	Moderate
ROAD 6	Rd. 5 (CUB) to FC to Rd. 7	1983	Low	Moderate	Low	Low	Moderate
ROAD 7	Nat'l Rd. to Wet Lab Gate	2019	Low	Moderate	Low	Low	Moderate
ROAD 8	Wet Lab Gate to Hatchery Gate	1983	Low	Moderate	Low	Low	Moderate

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Name of Utilities	Description	Year Con- structed	RISK CATEGORY				
			< 5 (Low), 5 to 11 (Moderate), 12 to 24 (High)				
			Flood	Ground Shaking	Rain- Induced landslide	Liquefac- tion	Severe Wind
ROAD 9	Rd. 5 (CUB) to RRC	2019	Low	Moderate	Low	Low	Moderate
ROAD 9a	Rd. 9 (Main Library) to SOTECH	2019	Low	Moderate	Low	Low	Moderate
RELOC. ROAD 1	Bgy. Lumangan	1980	Low	Moderate	Low	Low	Moderate
Provincial Rd. (RELOC.ROAD 1)	Nat'l Rd. to Bgy. Sag-on		Low	Moderate	Low	Low	Moderate
Barangay Rd. (RELOC.ROAD 1)	Prov. Rd. (Lumangan) to Bgy. Diday		Low	Moderate	Low	Low	Moderate
RELOC. ROAD 2	Bgy. Malagyan	1980	Low	Moderate	Low	Low	Moderate
Barangay Rd. (RELOC.ROAD 2)	Reloc Rd 2 (Malagyan) to Bgy. Paroon		Low	Moderate	Low	Low	Moderate
Electric Genera- tors			Low	Moderate	Low	Low	Moderate
Drainage System			Low	Moderate	Low	Low	Moderate
Sanitary System			Low	Moderate	Low	Low	Moderate
Waterline System (including pump rooms)			Low	Moderate	Low	Low	Moderate
Electrical Posts/ Stations			Low	Moderate	Low	Low	Moderate
Fiber Optic Net- work			Low	Moderate	Low	Low	Moderate

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3.3 Key sectoral concerns and suggestions

The table below shows the concerns that were identified using various methods. The concerns were classified according to sectors and sub-sectors in consideration of their implications for land use and infrastructure planning. Implications of the issues to UPV are also presented. The recommendations in response to relevant concerns are summarized as follows:

- ◆ Updating and/or creation of plans
- ◆ Reinforcing/updating/creating relevant laws and guidelines of the LGUs and of UP
- ◆ Creation of Programs and Projects that embody the characteristics of disaster and climate resilient infrastructures
- ◆ Review of human resources to carry out the functions

Table 3- 8. Social Sector: key issues and suggestions

Sector: Social			
Subsectors	Issues	Key Implications	Suggestions
Education	<ul style="list-style-type: none"> Insufficient classrooms for lectures Insufficient labs for experimental and social research Insufficient instructional labs 	<ul style="list-style-type: none"> Extended class hours up to 7:00 PM Extended laboratory hours Difficult adherence to social distancing during an outbreak of infectious diseases Bigger class size 	<ul style="list-style-type: none"> Construction of additional classrooms and laboratory rooms in the old CAS building Construction of new CAS building
	<ul style="list-style-type: none"> Outdated/aging facilities² lack of facilities conforming to international standards 	<ul style="list-style-type: none"> Negative impact on the quality of instruction Safety of students and faculty is compromised 	<ul style="list-style-type: none"> Replace/upgrade the facilities Purchase new and state-of-the-art facilities
	Lack of appropriate water sports facilities	<p>Students and faculty are compelled to use facilities outside the campus, which compromises their safety</p> <p>Travel time increases for students and faculty in going to sports facilities from the campus</p>	<p>Build appropriate sports facilities</p> <p>Upgrade sports facilities</p> <p>Hire appropriate personnel for the operation and maintenance of the facilities</p>

² Facilities do not include and are treated as separate entities from buildings

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Sector: Social

Subsectors	Issues	Key Implications	Suggestions
	<ul style="list-style-type: none"> Insufficient offices for project-based engagements 	<ul style="list-style-type: none"> Project equipment cannot be secured Researchers are unable to interface with each other 	<ul style="list-style-type: none"> Provide lounge area for staff Provide working area for staff and researchers Provide (shared) conference room (pre-booking required) for use of projects
	<ul style="list-style-type: none"> Some buildings, specifically the Student Union Building, are not used for their intended purpose 	<ul style="list-style-type: none"> Some users have apprehensions to visit some offices that provide limited privacy (Ex. Clients have to pass through several offices to get to Gender Office) Student organizations have no office space 	<ul style="list-style-type: none"> Review the space assignment of existing space designation in the student union building to accommodate the needs of student organizations and other users of the buildings.
Protective Services	<ul style="list-style-type: none"> Absence of fire utilities (fire hydrants, exits, ladders, stairs, and alarms) Unsecured, 'porous' boundaries of the campus (security) Absence of early warning system (for other hazards) and alarm systems (for earthquakes) 	<ul style="list-style-type: none"> Endangerment of lives and properties 	<ul style="list-style-type: none"> Provision of appropriate fire safety equipment and facilities based on fire code requirements Establish buffer zones along the perimeter Install additional CCTVs in strategic areas Conduct regular drills Establish appropriate signages (ensure that they are gender and culturally sensitive and inclusive)
Health	Unsecured, porous boundaries of the campus (Health concern for the one-entry one-exit strategy)	Compromised health and wellness of everyone	Establish appropriate signages and directional signs (ensure that they are gender and culturally sensitive and inclusive)
	Outdated health facilities of the UPV Miagao infirmary	Limited health services offered	<p>Upgrading of health facilities and equipment of the infirmary according to health standards</p> <p>The upgrade classification level of the infirmary to perform minor surgery</p> <p>Hire medical personnel from all medical fields to provide varied services at the infirmary</p>

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Sector: Social			
Subsectors	Issues	Key Implications	Suggestions
	<ul style="list-style-type: none"> Unregulated activities involving animals and the presence of community residents within SOTECH property and other identified areas in the university 	<ul style="list-style-type: none"> Compromised health and wellness and security/safety 	
	<ul style="list-style-type: none"> Presence of grazing animals inside the university 	<ul style="list-style-type: none"> Loitering animals can pose a potential animal-and-human conflict Traffic safety concerns particularly when the grazing animals encroach on the carriage-way 	<ul style="list-style-type: none"> Formulate policy guidelines or administrative orders requiring animal registration. Identify a specific grazing area and set up a fence around it to limit the loitering of animals on the campus
Waste Management	<ul style="list-style-type: none"> Partial compliance to R.A. 9275 or Clean Water Act, PD 1067 or Water Code, and RA 9003 Leaching of dumpsites 	<ul style="list-style-type: none"> Compromised public health and environment 	<ul style="list-style-type: none"> Issuance of memo requiring all offices and vendors to segregate-at-source MOU/MOA with LGU regarding use of LGU-owned sanitary landfill Build vault/storage facilities for toxic wastes Work for the accreditation of UPV on the treatment of spent reagents Review protocols on biosafety guidelines Establishment of MRF Construction of modified landfill
Housing	<ul style="list-style-type: none"> Lack of housing facility for faculty Lack of housing facility for guests Lack of parking in UPV housing 	<ul style="list-style-type: none"> Constituents are renting outside the campus Increased need for frequent and longer travel Increased on-street parking 	<ul style="list-style-type: none"> Build new housing typologies based on need (e.g. condotel, single-detached, etc.) Build annexes to the existing housing units Conduct proper space programming at the sites. Create a traffic management plan maximize the use of space of the current units
	<ul style="list-style-type: none"> Proposed site for housing-relocation or socialized housing has not been verified 		<ul style="list-style-type: none"> Verify criteria for locating relocation sites or socialized housing sites

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Table 3- 9. Environmental Sector: key issues and suggestions

Sector: Social			
Subsectors	Issues	Key Implications	Suggestions
Forest	<ul style="list-style-type: none"> • Low biodiversity • Low forest cover in water-shed areas • Presence of invasive flora species • Inappropriate planting of species such as bamboo 	<ul style="list-style-type: none"> • Deforestation and intensification of up-land agriculture • Reduced ecosystems services • Flooding • Seasonal drying up of rivers and creeks 	<ul style="list-style-type: none"> • Restoration of the natural landscape within UPV • Reforestation Program <ul style="list-style-type: none"> ◊ Intensify reforestation efforts of the university using indigenous species • Afforestation <ul style="list-style-type: none"> ◊ Conduct inventory of the flora and fauna in UPV ◊ Replace non-endemic trees with endemic ones ◊ Enhance and expand the arboretum ◊ Establish the Bambuse-tum project
Coastal Wa- ter	<ul style="list-style-type: none"> • Coastal erosion 	<ul style="list-style-type: none"> • Increased vulnerability of community and structures located along these areas 	<ul style="list-style-type: none"> • Provide Engineering mitiga-tion
	<ul style="list-style-type: none"> • High susceptibility of wet and dry laboratories to storm surge 	<ul style="list-style-type: none"> • Damage to property • Flooding of whole area 	<ul style="list-style-type: none"> • Provide Engineering mitiga-tion • Possible relocation
Surface Waters	<ul style="list-style-type: none"> • Riparian 	<ul style="list-style-type: none"> • Increased vulnerability of community and structures located along these areas 	<ul style="list-style-type: none"> • Expanded easement
	<ul style="list-style-type: none"> • Unmanaged storm water run-off in built-up area of UPV 	<ul style="list-style-type: none"> • Flooding 	<ul style="list-style-type: none"> • Create a Drainage System Plan: separate storm water and sewage line • Mainstream rainwater har-vesting in UPV • Constructed wetlands
	<ul style="list-style-type: none"> • Unregulated and un-checked quarrying 	<ul style="list-style-type: none"> • High turbidity • High level siltation • Low water quality • Low water supply • Note: Causes of low water supply (to be verified) 	<ul style="list-style-type: none"> • Create an inter-agency MOC with responsible agencies to regulate quarrying activities • Determine the main causes of low water supply and rec-ommend intervention

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Sector: Social			
Subsectors	Issues	Key Implications	Suggestions
	<ul style="list-style-type: none"> Not fully compliant wastewater treatment facility in academic areas 	<ul style="list-style-type: none"> Potential contamination of ground and surface water 	<ul style="list-style-type: none"> Enforce Clean Water Act through establishment of STP
	<ul style="list-style-type: none"> No proper plan on waste disposal-discharges from ponds and buildings at the Wet and Dry Laboratories 	<ul style="list-style-type: none"> Contamination of the water sources 	<ul style="list-style-type: none"> Adopt pyrolysis technology to manage the wastes Ensure compliance to RA 9003 as per requirement for universities

Table 3- 10. Economics Sector: key issues, concerns, and suggestions

Sector: Economic			
Subsectors	Issues	Key Implications	Suggestions
Resource Generation	Untapped potentials for development	Limited sources of funds for development (GAA dependency) Few opportunities for research, teaching, and public service	Designate a resource generation zone Explore all possible external sources of additional funds Donation Government funding agencies (DOST, DITC, CHED, BFAR, DA, PPP, etc.) NGOs International funding sources (i.e. GIZ, UN, ODAs etc.)
Community services 1 & 2	Underutilization of university assets	Inability to meet the university requirements for development	Formulate Asset Management Plan for the university's assets

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Table 3- 11. Physical Sector: key issues and concerns and suggestions

Sector: Physical Sector			
Subsectors	Issues	Key Implications	Suggestions
Infrastructure (Buildings)	<ul style="list-style-type: none"> Increasing student population 	<ul style="list-style-type: none"> Crowding of classrooms and dorms Conversion of inappropriate spaces into academic use 	<ul style="list-style-type: none"> Additional four (4) academic buildings Additional residential units for students (dormitories) Collaborate with LGU for the improvement of residential facilities and support services
	<ul style="list-style-type: none"> Insufficient residential units for faculty, REPS, and staff 	<ul style="list-style-type: none"> Backlog corresponding to the housing needs 	<ul style="list-style-type: none"> Additional residential units for faculties, REPS, and staff Improve data for planning purposes by establishing an MIS
Roads	<ul style="list-style-type: none"> Poor building conditions (those used for non-academic and lecture purposes) 	<ul style="list-style-type: none"> Compromised safety of users High maintenance cost 	<ul style="list-style-type: none"> Review and update the Building Maintenance Plan of UPV with CCA/DRR considerations Conduct preventive maintenance
	<ul style="list-style-type: none"> Some facilities are located in hazard-prone areas 	<ul style="list-style-type: none"> Potential liability to lives and damage to properties 	<ul style="list-style-type: none"> Come up with an implementable Campus DRR/CCA Plan Relocate some facilities Provide mitigation measures in collaboration with the LGU (seawall project) Review general insurance coverage and policies
	<ul style="list-style-type: none"> Insufficient parking spaces in academic and housing areas 	<ul style="list-style-type: none"> Increase the number of on-street parking Increased tendency of parking in undesignated areas Safety concern to other road users 	<ul style="list-style-type: none"> Allocation of parking spaces for all types of vehicles Create a traffic management plan for the UPV Miagao campus

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Sector: Physical Sector

Subsectors	Issues	Key Implications	Suggestions
Infrastructure (Buildings)	<ul style="list-style-type: none"> Increasing student population 	<ul style="list-style-type: none"> Crowding of classrooms and dorms Conversion of inappropriate spaces into academic use 	<ul style="list-style-type: none"> Additional four (4) academic buildings Additional residential units for students (dormitories) Collaborate with LGU for the improvement of residential facilities and support services
	<ul style="list-style-type: none"> Insufficient residential units for faculty, REPS, and staff 	<ul style="list-style-type: none"> Backlog corresponding to the housing needs 	<ul style="list-style-type: none"> Additional residential units for faculties, REPS, and staff Improve data for planning purposes by establishing an MIS
	<ul style="list-style-type: none"> Poorly lit roads in some parts of the campus 	<ul style="list-style-type: none"> Safety of faculty, staff and students are compromised 	<ul style="list-style-type: none"> Establish network of street-lights (i.e., solar powered street light)
	<ul style="list-style-type: none"> Roads are non-compliant to new standards (complete with signages and safety facilities) 	<ul style="list-style-type: none"> Safety of road users is compromised Poor wayfinding of users 	<ul style="list-style-type: none"> Rehabilitation of roads to comply with the new standards Install proper road names and signages Conduct preventive maintenance
	Low elevation and lack of water catchment basin	Roads are prone to flooding	Construct stormwater drainage Comply with standards for road construction
Transportation	<ul style="list-style-type: none"> Safety Absence of safe loading and unloading areas inside UPV Accessibility Absence of in-campus route for better linkages and connectivity Reliability Limited modes of transport; mostly tricycles and bicycles Connectivity Poor road network (limited connection and circulation) 	<ul style="list-style-type: none"> Safety of pedestrians and passengers is compromised Limited choices of transport modes for users Efficiency of faculty, staff, and students is compromised 	<ul style="list-style-type: none"> Craft a transport and traffic management plan in collaboration with the LGU Multi-modality Energy efficient modes Road sharing facility

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Sector: Physical Sector

Subsectors	Issues	Key Implications	Suggestions
Drainage from research laboratories	<ul style="list-style-type: none"> Partial compliance with Toxic and Hazardous Waste Act 	<ul style="list-style-type: none"> Environmental and health hazard 	<ul style="list-style-type: none"> Upgrade waste management facilities Formulate biosafety plan on management of toxic and hazardous wastes to include Work for the accreditation of UPV on the treatment of spent reagents Review protocols on biosafety guidelines
Power	<ul style="list-style-type: none"> Unstable power supply (upsurge) 	<ul style="list-style-type: none"> Damage to equipment due to power surges Additional costs due to continuous maintenance and replacement of damaged equipment 	<ul style="list-style-type: none"> Procure power transformer (voltage regulator) to stabilize supply, especially to buildings with power-sensitive facilities
	<ul style="list-style-type: none"> Current infrastructure is unable to meet the projected demands 	<ul style="list-style-type: none"> Perceived decrease in productivity and efficiency of faculty, staff, and students 	<ul style="list-style-type: none"> Prepare infrastructure for future connection of lines to national grid for meeting higher future demand especially in the increase of population of faculty, staff, and students Conduct feasibility studies on renewable energy (i.e. wind, solar, wave) Invest on research on renewable energy
ICT	<ul style="list-style-type: none"> Intermittent/unstable and low band width internet connectivity (verify with admin) 	<ul style="list-style-type: none"> Interrupted work performance and efficiency of employees, faculty, and staff 	<ul style="list-style-type: none"> Provision for fiber optic line in preparation for the blended learning
Water infrastructure	<ul style="list-style-type: none"> Outdated water distribution facilities and piping system 	<ul style="list-style-type: none"> Pipes are prone to breaking/pipe burst Compromised water quality and health 	<ul style="list-style-type: none"> Modernization of water distribution facilities Provision of additional tanks and other updated technology

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Table 3- 12. Institutional Sector: key issues and concerns and suggestions

Sector: Institutional			
Subsectors	Issues	Key Implications	Suggestions
Governance	Human resource is unable to meet the increasing demands of the university in terms of skills, competence, capability	The human resource of the university may be unable to adapt to the changing conditions	Implement EO 366, series of 2004: Rationalization Program Review organizational structure of UPV Formulate staff development plan

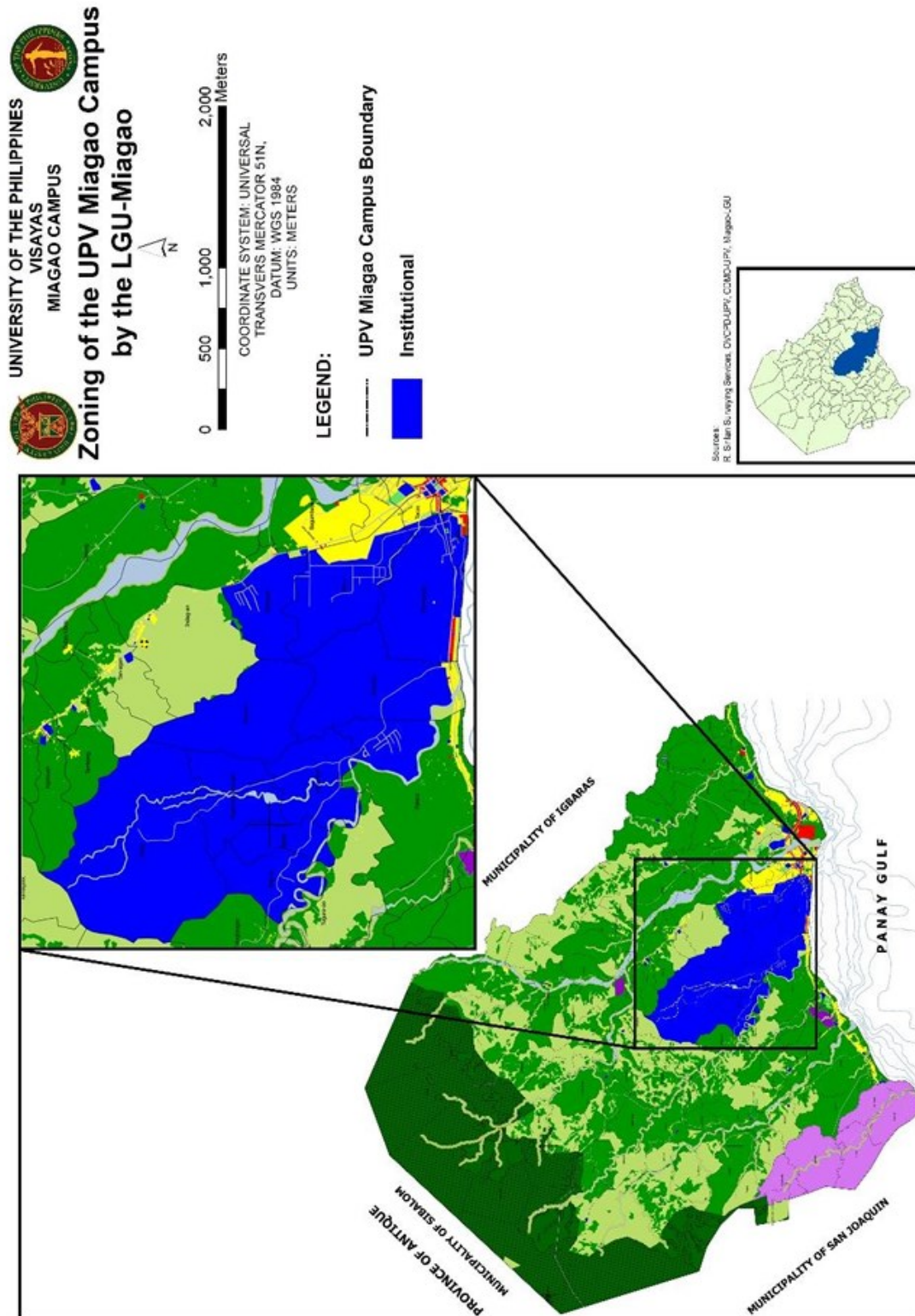
Table 3- 13. Land Properties: key issues and suggestions

Sector: Institutional			
Subsectors	Issues	Key Implications	Suggestions
Miagao Campus	<ul style="list-style-type: none"> There are unpaid pockets of lots in-between the paid lots There are occupants and structures (e.g. schools) within UPV properties. There are records (source to be verified) that indicate that the total land area is 1,260.9599 has. Land titling process is not yet done with the Land Registration Authority and Land Management Bureau On-going expropriation cases The cemetery inside the campus has three claimants: the LGU, a private land owner, and UPV Clarification in the MOA on the university's roles and the rights of the occupants and renters 	<ul style="list-style-type: none"> Development is fragmented because of areas that are paid and unpaid The university cannot fully utilize the land according to its best use The university cannot assert its claim to the land because there is conflicting data on its total land area. The university cannot assert its ownership or rights over the property because there is no land title yet For properties that are contested, there is no development in the area until the case is solved. Maintain the 'status quo' in the area. Safety of residents is compromised due to properly maintained roads inside the campus 	<ul style="list-style-type: none"> Discuss with UPV Legal Office and UP officials regarding land concerns Form inter-agency taskforce to address concerns on occupants and structures Discuss with the LGU about including occupants in Miagao campus who are neither owners nor tenants in the Local Shelter Plan of Miagao LGU. Follow-up with national agencies (ROD, LRA, LMB) regarding title applications. For conflicting data on total land area, a proposal to resurvey the campus should be submitted to the UP system

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Sector: Institutional			
Subsectors	Issues	Key Implications	Suggestions
	<ul style="list-style-type: none"> Three are roads inside the campus that cannot be maintained by the university, e.g. the roads at the relocation sites. 		<ul style="list-style-type: none"> Discuss with the UP officials and the LGU officials about returning some roads to the LGU for better maintenance. -relocation site -the planned bypass road inside the campus
Properties under Ra 4514 in Luzon, Visayas, and Mindanao	<ul style="list-style-type: none"> Land titling process has not yet started One LGU requested proof of ownership 	<ul style="list-style-type: none"> The university cannot assert its rights to these land grants. 	<ul style="list-style-type: none"> Discuss with UP officials as owners of the properties
Taklong island, Guimaras	<ul style="list-style-type: none"> Renewal of MOA/ appropriate instrumentalities if required based on e-NIPAS and current PA bill guidelines in tenurial use rights on a lot donated to UPV prior to NIPAS Repair/maintenance of lab facilities 	<ul style="list-style-type: none"> Development and types of activities are influenced by the provisions in e-NIPAS and by the Protected Area bill when passed into a law 	<ul style="list-style-type: none"> Wait for the bill to be passed into law and discuss with the UPV Legal Office actions based on the stipulations in the law. Look for funds for the repair and maintenance of facilities.
Iloilo City properties	<ul style="list-style-type: none"> Conflicting provisions in the Deed of Donation on allowable and non-allowable uses of land properties Non-UPV occupants reside/live and structures not owned by the university are found in the properties outside the fenced area Some occupants have tax declarations 	<ul style="list-style-type: none"> Properties cannot be fully maximized for their best use 	<ul style="list-style-type: none"> Discuss with UPV Legal Office and UP officials regarding land concerns Form inter-agency taskforce to address concerns on occupants and structures Follow-up with national agencies (ROD, LRA, LMB) regarding title applications.

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To determine suitable land uses in the Miagao campus, a land suitability analysis was undertaken in the 1,222.2 hectares in Miagao.

Suitability Analysis

Thirteen indicators make up the criteria for determining the suitable buildable portions of the Miagao Campus property of UPV. The LUDIP TWG scored each of the indicators vis-à-vis the land use (i.e. campus core, academic support, and staff housing or residential). Higher scores mean lower level of importance vis-à-vis the suitability for the specified land use.

For campus core, the indicator deemed important are the land use type, slope and the exposure to geologic hazard, the similar ranking is seen for the academic support land use. For staff and student housing, the indicators deemed important are accessibility, slope, and exposure to geologic hazards (see tables below)

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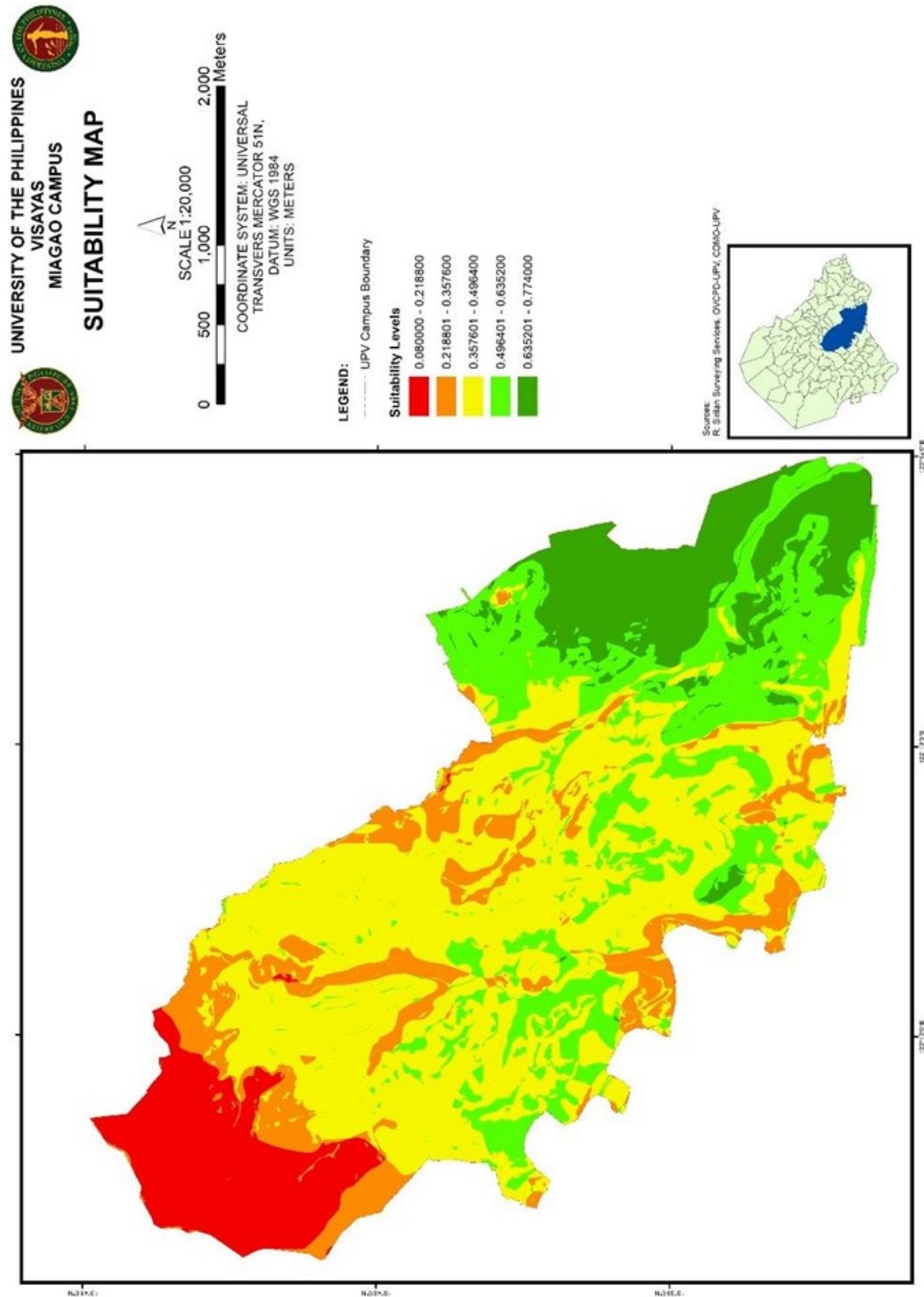


Figure 3- 2. Suitability Analysis of UPV Magao Campus

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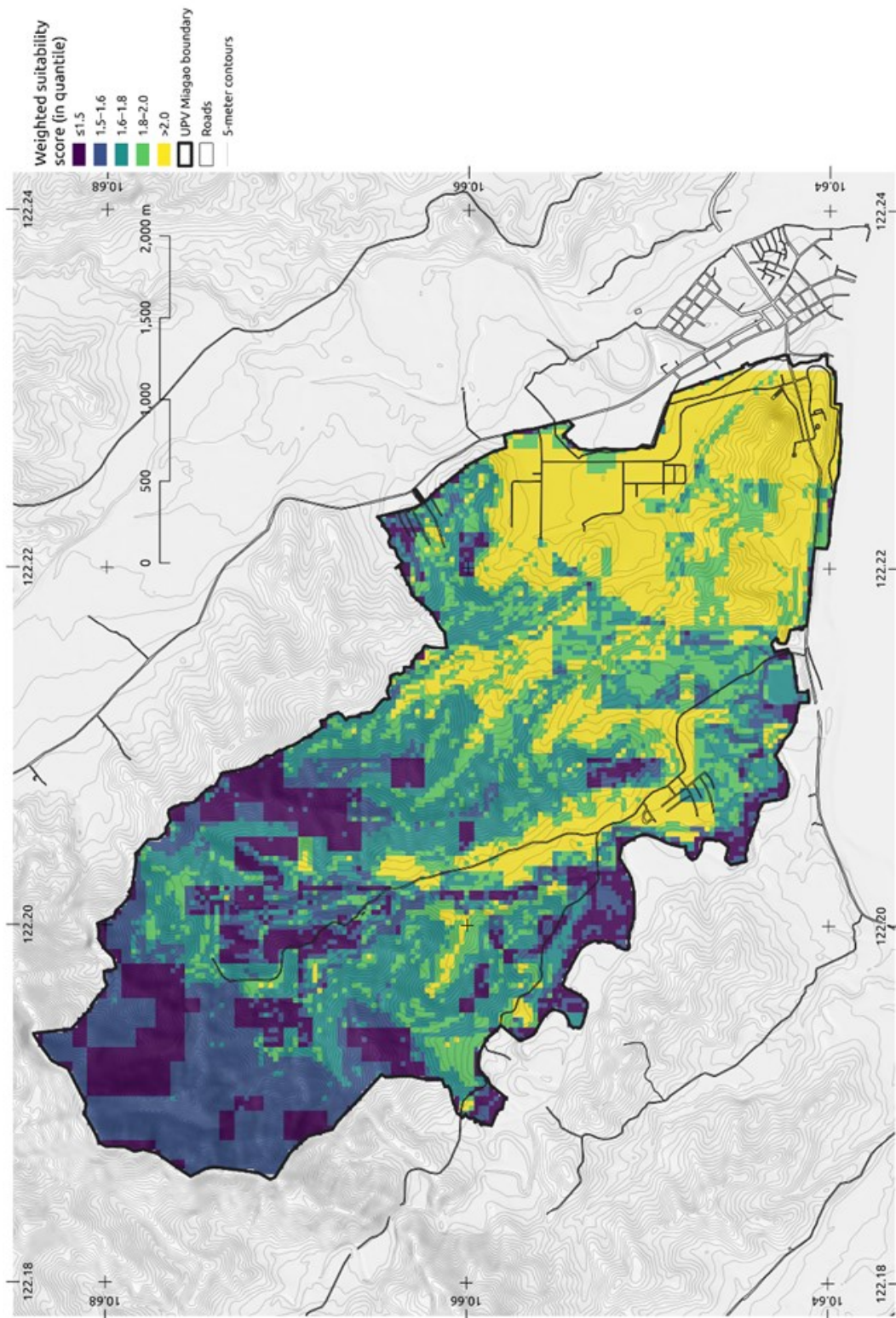


Figure 3- 3. Buildable area based on result of suitability analysis, Miagao Campus

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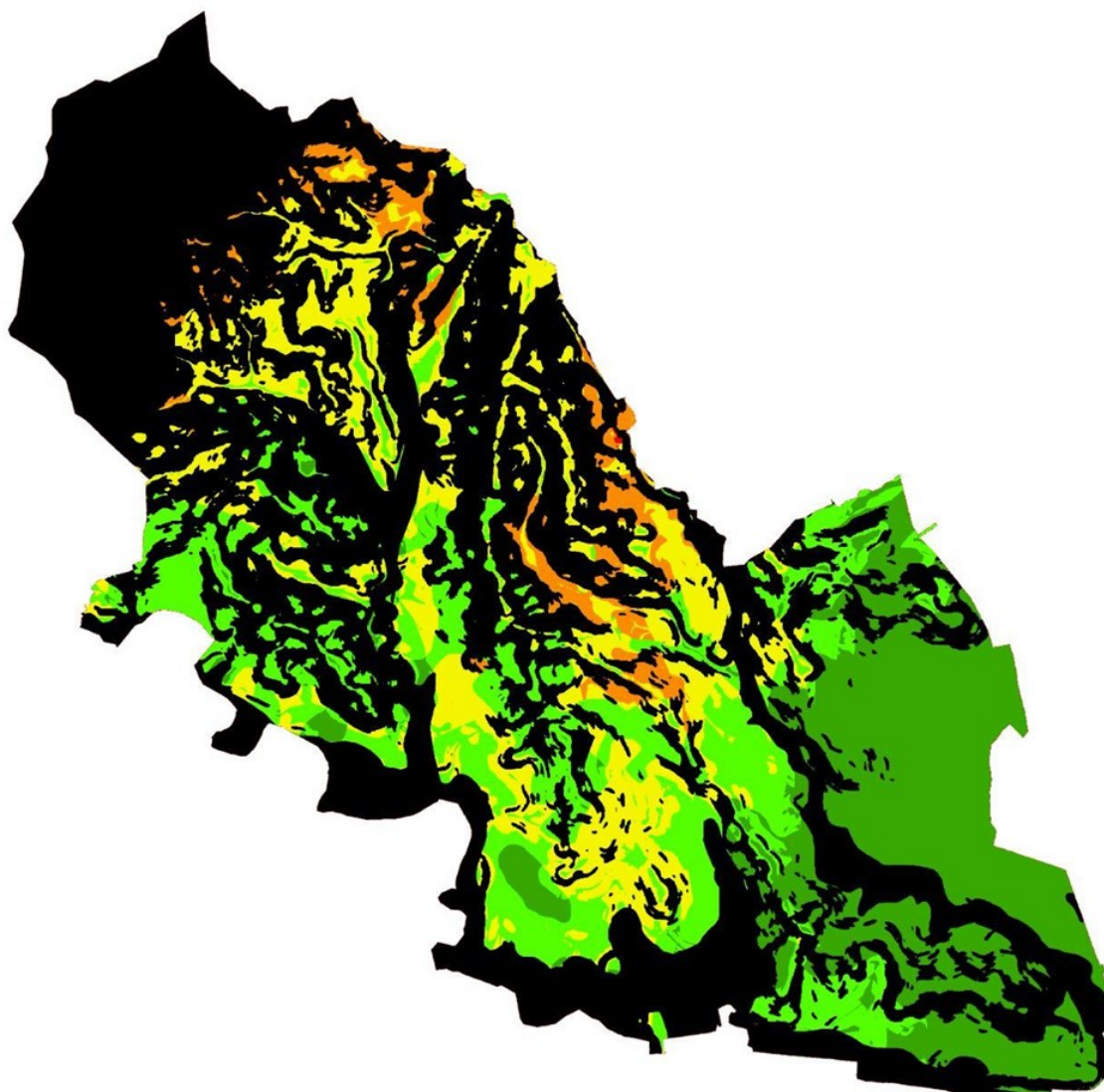


Figure 3- 3a. Buildable area based on result of suitability analysis, Miagao Campus

Indicator	Aggregate Score	Percent weight	Rank
1. Exposure to geologic hazards	17	1.70	1
2. Slope	19	1.90	2
3. Land use type (built-up, brush/shrubs, annual crop)	50	5.00	3
4. Accessibility	53	5.29	4
5. Elevation	57	5.69	5
6. Existing utilities	81	8.09	6.5
7. Soil permeability	81	8.09	6.5
8. Community facilities	84	8.39	8
9. Economic opportunities	97	9.69	9
10. Importance of biodiversity protection	100	9.99	10
11. Importance of programmed open spaces	113	11.29	11
12. Distance to surface water	123	12.29	12
13. Client/ Administration's requirements	126	12.59	13

Suitability Levels

	0.080000 - 0.287000
	0.287001 - 0.385000
	0.385001 - 0.474000
	0.474001 - 0.577000
	0.577001 - 0.774000

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Table 3- 14. Suitability Criteria for Determination of Buildable Area for the Campus Core, Miagao Campus

Indicator	Aggregate Score	Percent weight	Rank
1. Exposure to geologic hazards	17	1.70%	1
2. Slope	19	1.90%	2
3. Land use type (built-up, brush/shrubs, annual crop)	50	5.00%	3
4. Accessibility	53	5.29%	4
5. Elevation	57	5.69%	5
6. Existing utilities	81	8.09%	6.5
7. Soil permeability	81	8.09%	6.5
8. Community facilities	84	8.39%	8
9. Economic opportunities	97	9.69%	9
10. Importance of biodiversity protection	100	9.99%	10
11. Importance of programmed open spaces	113	11.29%	11
12. Distance to surface water	123	12.29%	12
13. Client/ Administration's requirements	126	12.59%	13

Table 3- 14a. Suitability Criteria for Determination of Buildable Area for the Staff and Student Housing, Miagao Campus

Indicator	Aggregate Score	Percent weight	Rank
1. Elevation	53	6.43%	4
2. Slope	24	2.91%	2
3. Exposure to geologic hazards	18	2.18%	1
4. Land use type (built-up, brush/shrubs, annual crop)	64	7.77%	7
5. Accessibility	35	4.25%	3
6. Existing utilities	55	6.67%	5
7. Community facilities	59	7.16%	6
8. Economic opportunities	84	10.19%	10
9. Client/ Administration's requirements	95	11.53%	12
10. Importance of biodiversity protection	87	10.56%	11
11. Distance to surface water	102	12.38%	13
12. Importance of programmed open spaces	80	9.71%	9
13. Soil permeability	68	8.25%	8

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Components	Projects	Committees Involved	External Partners	Time Frame	Output
UPV Utility Development	Water, Electrical Lines, Fiber Backbone Communication Lines, Streetlights, Drainage Lines (Miagao Campus)	ITDC	ILECO I, Municipal LGU,	Long Term	
UPV Biodiversity Eco-Tourism Hub,	Open Spaces Landscapes, Nature Trail, Camping Grounds	Biodiversity Committee	DOT, Municipal LGU, DENR,	Medium Term	
Land Property Acquisition & Management for Campus Development			DHSUD, ROD, LMB, LRA, Bureau of Lands	Long Term	

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Chapter 4: Policies, Guidelines, and Proposed Land Uses

This chapter discusses the policies of UPV that will inform and guide the institution on future development decisions and projects on the Miagao campus. These policies and principles are based on the analysis of existing conditions in the earlier chapter. The University Development Principles and Design Guidelines (2015) and the Biodiversity Management Handbook (2021) will also provide direction in developing the resources on the campus in a systematic and well-planned manner in accordance with UPVs' mandate. The municipal ordinance declaring the entire campus as a bird sanctuary (SB ordinance 05-1994, Sec. 3) along with the forest and greenbelt areas within the Poblacion is also used as a reference. These policies and guidelines translate the vision of the university and respond to the concerns of UPV in physical forms.

The Miagao campus, as one of the sites in Southern Iloilo with potential ecological importance, weighs up its development in adherence to the municipality's nature conservation initiatives. This means that while mid-rise (5 storeys and up) buildings will be allowed within the property, the planning and development of such areas will be guided by appropriate laws and guidelines. Moreover, the future development and rehabilitation of the infrastructures will take into consideration the conformity to the One UP concept and the natural heritage characteristics of Miagao. The guidelines presented here also emphasize the protection of greenbelt areas and proposes the creation of a biodiversity hub under the Office of the Chancellor.

4.1 Policies Related to Master Development Planning

One University Concept. Set a common architectural character for sites and buildings in the UP Visayas Miagao Campus while factoring in the exceptional contexts of each constituent unit. Formulate standards, harmonized systems, and shared services across constituent units decentralized execution.

E-UP: Use of Innovative Technologies. Apply globally competitive, new, and appropriate technologies in the modernization of academic programs, administrative operations, and the development of transport, communications, utilities, and support systems.

Green Corridor Policy. The university has traditionally placed a high premium on protecting if not preserving the natural landscapes on its campuses. In this LUDIP, the natural waterways within the UPV campus will be provided with a maximal ecological buffer of 50 meters along its courses which is more than required by the water code.

Energy Policy. Adapt a framework for a financially sustainable energy program that focuses on energy-intensity reduction goals, supports meeting the carbon-reduction goals of the campus, and provides reliable, low-carbon, and resilient energy sources that enable and enhance the campus mission of education and research. The creation of a plan will support the campus greenhouse gas reduction goals based on agreed baseline and targets. The plan will identify renewable energy objectives and strategies and define energy resiliency objectives related to buildings and the utility systems in the UPV Miagao Campus.

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Protection and Enhancement of Wildlife. Overlay protected zones in the existing land use plans of the constituents' units and other land assets and superimpose additional regulations specifically targeted to protect important physical characteristics and to design the constituent units' land assets for wildlife habitat protection and for the healthy co-existence of people and wildlife.

Integrated Campus Planning. Translate the preferred spatial strategy into future land use patterns that will guide land allocation for various academic activities and support facilities consistent with the mandate, vision, and development goals of the UPV Campus. The clustering of teaching, research, and extension spatial needs of each College unit will result from this approach.

Pedestrian- and Bike-Friendly Community. Encourage walking and biking as a pleasurable means of transportation by providing the safety devices and infrastructure for these environmentally friendly activities, such as bicycle paths and bicycle parking, and pedestrian walkways, footpaths, and sidewalks. This is consistent with the promotion of low-carbon campuses through the adoption of environmentally sustainable and non-motorized transportation systems.

Green UP: Environmentally Sustainable and Risk-Sensitive Design. Promote environmentally sustainable and green architecture design, aimed at reducing the negative impacts of the construction of buildings on the natural environment and at promoting the comfort, safety, and well-being of its users.

Cultural Heritage Preservation. Preserve the University's tangible culture such as buildings and works of art, and natural heritage such as landscapes and biodiversity.

Pride of Place. There must be high esteem for the University, which will lead to conscientious usage and care for campus spaces. As the national state university, UP Visayas Magao must be accorded the respect it deserves, especially by the community it nurtures. The concept of pride of place aims to emphasize these facts, as well as encourage the community to build upon each other and to care for communal spaces.

Distinctive ornamentation should be embodied by campus buildings and spaces to instill a love for the campus and to enhance memories associated with campus life. Also, personalization and decoration will be allowed during celebrations and commemorations of events and festivities. These should be done in a manner that is tasteful and respectful of the open spaces and the built environment, and must not in any way damage their integrity.

Tourism Promotion and Development. Formulate a tourism program for the UP Visayas Magao Campus: identify potential tourism spots within the Campus; develop these areas as prime tourist destinations and organize annual tourism events with the constituent units' respective communities.

Campus Entrepreneurship. Explore the entrepreneurial opportunities and activities that exist in the constituent units. This includes the establishment of academic-related companies on campus, educational offerings in the entrepreneurial space, University structures and institutions that support entrepreneurship, and markets created on or inspired by universities and campus constituents who also are entrepreneurs.

Hierarchy of Discourse Areas. Create venues for speech and discourse of various settings and sizes within buildings and sites in the UP Visayas Magao Campus premises which will encourage discussions and debates and enhance the creation of new ideas, principles, and knowledge among students, faculty, and staff. Create venues for university-wide interaction.

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Barrier-Free Design. Uphold the University's tradition of academic freedom through openness and collaboration by employing barrier-free designs in the physical environment with minimal enclosures within the campuses. All academic and academic-support clusters should be open and linked to each other. Locate fences, which should be see-through, only at campus boundaries. and knowledge among students, faculty, and staff. Create venues for university-wide interaction.

Consultative Planning. The MDP shall be based on an overall shared planning vision and development framework and be developed with key stakeholders through a process of meetings and consultations focused on solutions. Social preparation and addressing moral hazards are vital in consultative planning.

Community Shared Facilities. The university shares facilities and spaces with the general public. These facilities and spaces offer a vibrant atmosphere for a variety of activities including but not limited to recreational, educational, artistic, social, or cultural activities. These activities are inherently social and community-driven and offer a sense of community among the users. Examples of community facilities inside the UPV Miagao include:

- Sports facilities
- Health Services Unit/Infirmary
- UPV Community-based Bamboo Enterprise/Green Bamboo
- UPV Balay-Balay Child Minding Center
- Coastline 5023 Fisheries Technology Business Incubator
- UPV Community-Based Bamboo Enterprise
- Natural Science Museum
- Diwata Shore
- UPV Miagao Infirmary
- UPV Main Library
- Residential Units/Guesthouses
- Regional Research Center
- Research Centers (Wet Labs, NIMBB)
- UPV Infirmary
- Water Distribution
- Portions of roads used for wellness activities

Land Property Management. Adhere to policies set by the university on land grants and refer to UP Land Grants Master Plans and UP Minor Properties Master Development Plan for guidance and other relevant laws and issuances.

These policies shall guide the evaluation of physical development thrusts and options discussed in the next section.

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4.2 Physical Development Thrusts and Options

Establishing the development thrust is critical in determining the future development of any planning area. It involves the translation of the area's vision, goals, and objectives into various development options or scenarios, and the selection of one or a combination of scenarios to serve as a framework for detailing the future land use plan. The crafting of various scenarios takes into consideration the inputs from the various sectoral, thematic, and area studies. This information shall ideally serve as an input to the development framework of the planned area (HLURB, 2014).

A series of workshops and consultations with the TWG and university officials were undertaken to come up with the proposed development thrusts for the LUDIP planning period 2021-2030. The figure below shows the selected option for development for the UPV Magao Campus LUDIP.

The following development options have been considered:

Option #1: Do Nothing Scenario

This option stems from the 1995 BOR-approved campus land use plan. The Do-Nothing Option simply continues to implement all the spatial development projects as indicated in the 1995 plan. See figure below.

Option #1: Do Nothing Scenario

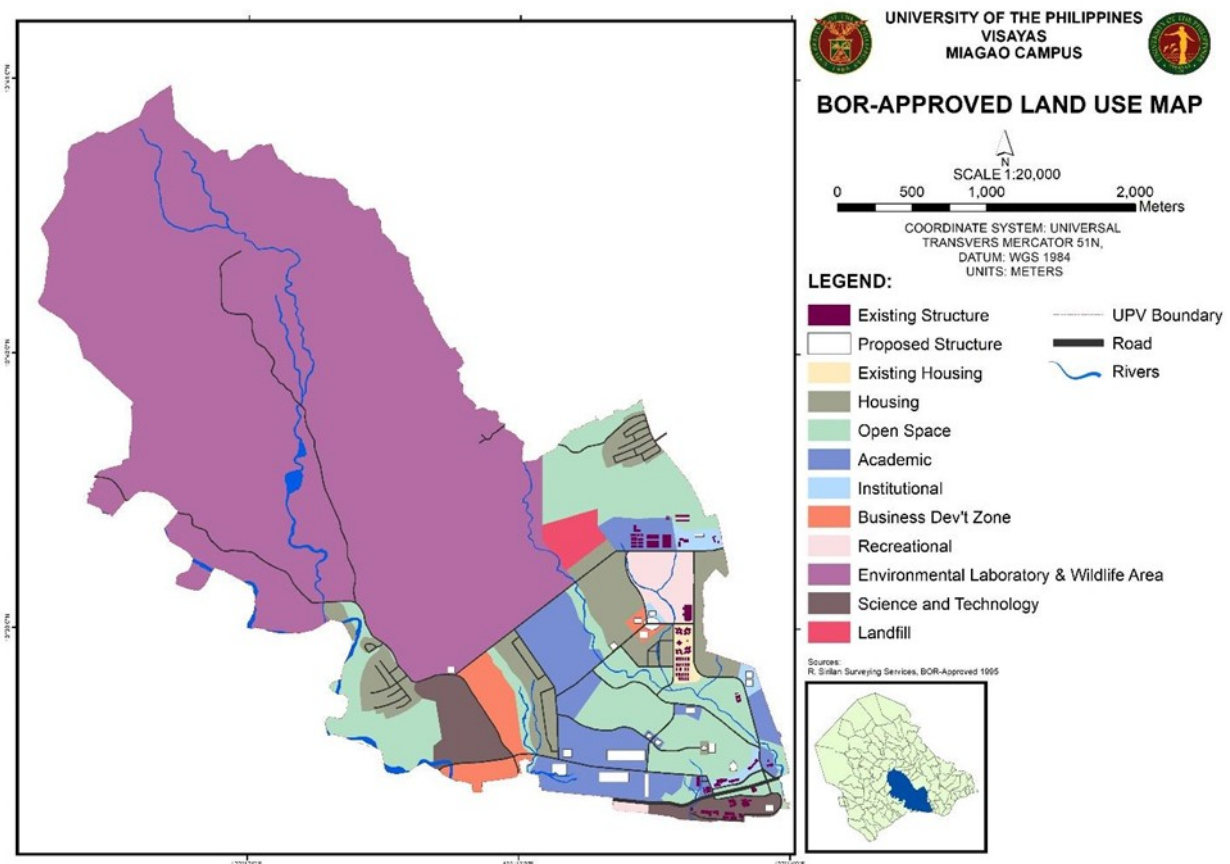


Figure 4- 1. The 1995 BOR-Approved Land Use Map Campus Development

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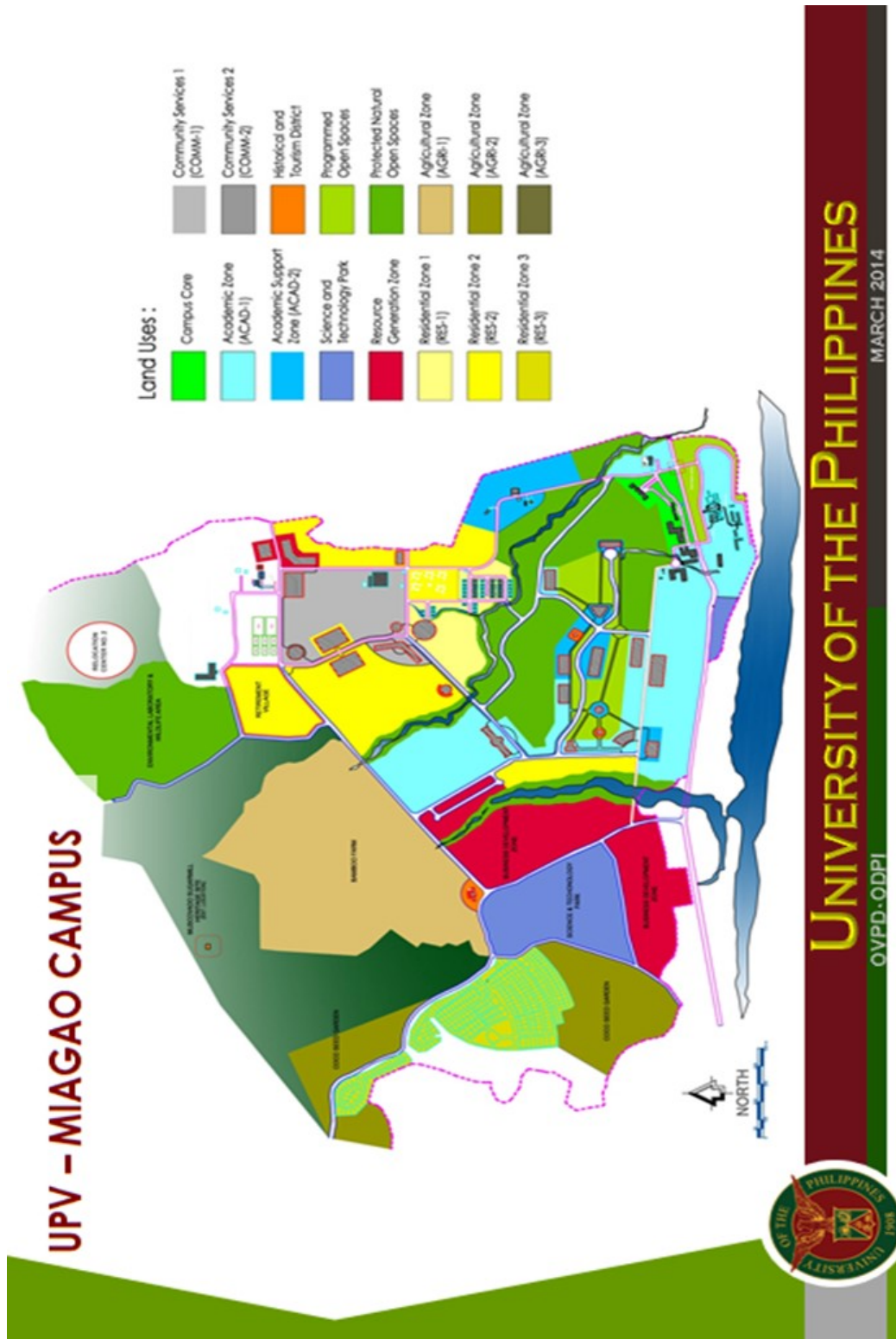


Figure 4- 2. 2013 Master Plan for Campus Development

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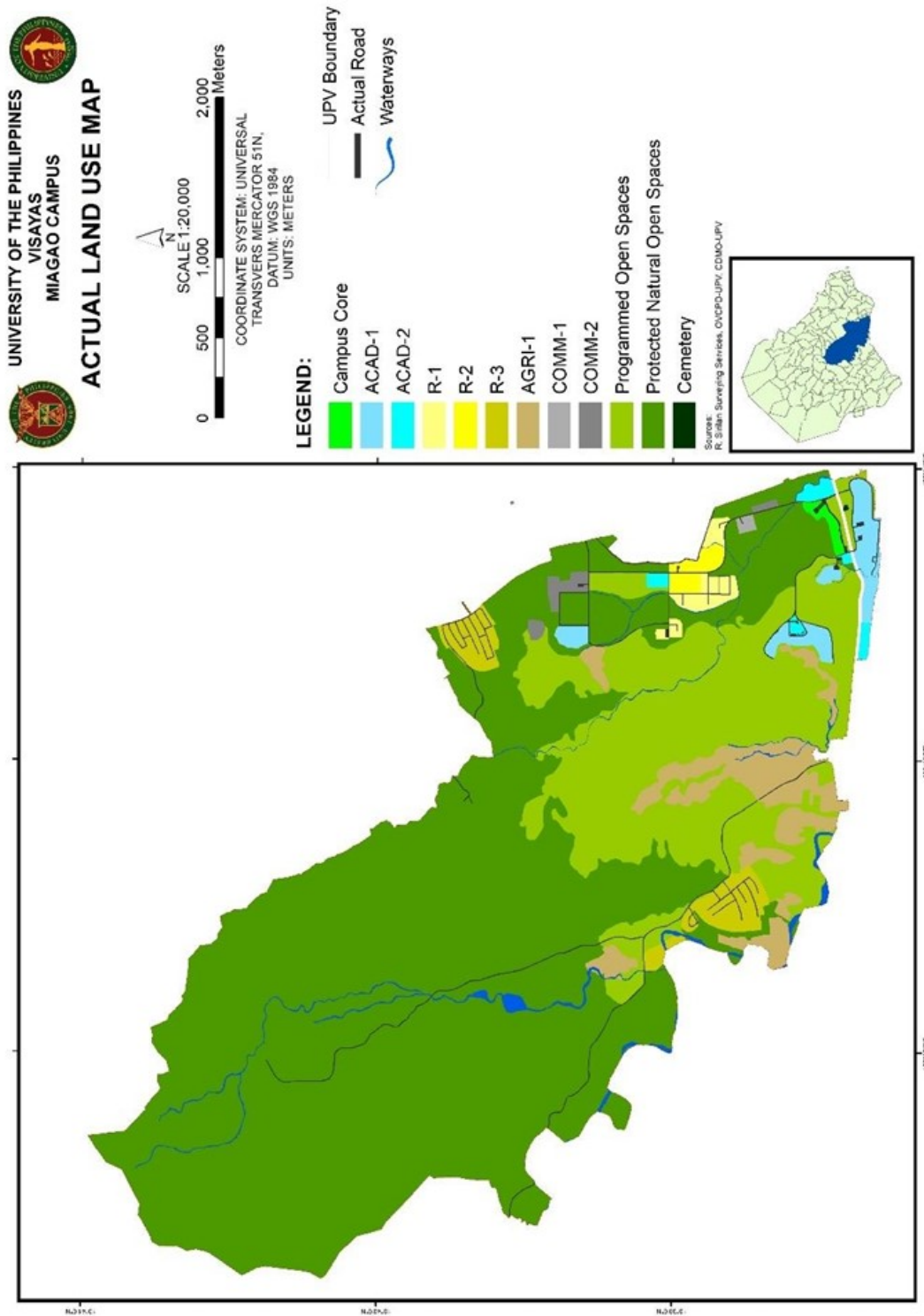


Figure 4-4. Actual Land Use, Option #4: Business as Usual

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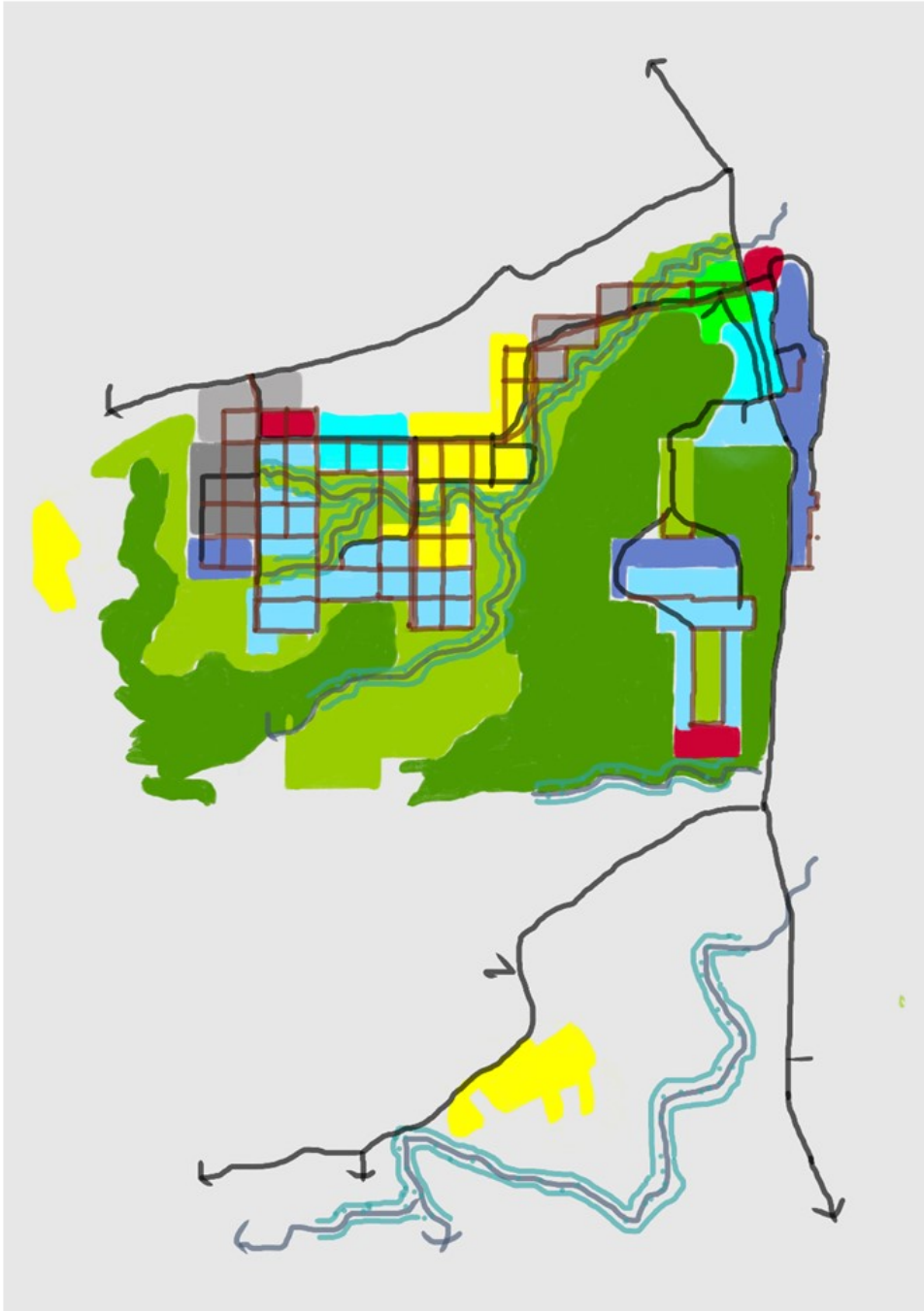


Figure 4- 5. Option #5: LUDIP TWG Generated

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The LUDIP technical working group evaluated the five proposed campus development thrusts using a 19-point criterion. Option 1 is a 'Do Nothing' concept based on the 1995 BOR-approved campus land use; Option 2 is the 2013 campus development proposal; Option 3 is the 2015 Campus Land Use Physical Framework; Option 4 is 'business as usual as per the actual land use of the Miagao Campus, and Option 5 is a concept generated by the LUDIP TWG. Options 1-4 are deemed to promote sprawling development. Option 5, however, is the selected development thrust characterized by the following:

- Within 0-18% Slope
- Concentrated development
- Compact Campus Core
- In-filling and making use of the current area rather than expanding the existing area
- Avoids 'leap frogging'

Additionally, Option 5 also promotes walkability, mobility, and connectivity. It is also cost-effective, promotes less carbon footprint, and appears to be energy efficient. The proposed development direction is also compatible with the vision of UPV attributed to preservation. What needs to be studied further in this option is the intensity of activities, which are concentrated in a particular area or land use.

According to Aly & Attwa (2013), infill development presents a practical solution to urban decay by enhancing the character, viability, and function of a city through the smart growth approach. It refers to developing within underused lands, spaces, or parcels within areas with existing development patterns or those that are already largely developed (MRSC, 2021)¹. Places that effectively used this approach focused on filling the gaps in the neighborhood or clusters of activity centers in the existing community fabric. In infilled communities, there is also a good mix of transit, with diverse amenities and services to support a variety of populations. Sprawl, on the other hand, is the exact opposite of infill development. Sprawl, more often than not, results in loss of open space and an exponential increase in new infrastructure costs.

There are various types of infill development depending on the land use proposed for re-development. Residential infill development, commercial infill development, brownfield infill development, and mixed-used infill development are just among the types there is.

The table below presents the result of the evaluation of the development thrust. This tool is a modification of the social cost-benefits analysis, 'a comprehensive approach for appraising the social worth of the options/alternatives or programs/projects which entail a commitment of resources' (CLUP Guidebook Vol. 1, p. 99)

¹ Municipal Research and Services Center (MRSC). (2021, May 18). *MRSC - Infill Development*. MRSC Local Government Success. <https://mrsc.org/Home/Explore-Topics/Planning/Development-Types-and-Land-Uses/Infill-Development->

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Table 4- 1. Evaluation of Development Thrusts

	Considerations	Option 1: Do Nothing 1995 BOR approved	Option 2: 2013 OVPD Proposal	Option 3: 2015 CLUFP Proposal	Option 4: Business As Usual Actual Land Use	Option 5: LUDIP TWG generated
1	Represents the development VISION of UPV	No -Aquatic Sciences is not highlighted 2/3	Yes-21st century learning, same road networks 4	Yes-21st century learning, more details, same road networks, residential to programmed open space, smaller RGZ 4	3	4.5
2	Allocates various academic activities and support facilities that are consistent with the mandate, vision, and development goals of UP	Presence of S&T and ACADS, Not well-optimized resources 3	Presence of S&T and ACADS 4	Presence of S&T and ACADS 4	4	4
3	Instills “pride of place”	2.75	3	3	3	4
4	Promotes general welfare	Limitations in the method for suitability assessment 2.5	3	3.5	3.5	4
5	Creates a low-carbon emission campus	2	2	3	3	3.5
6	Delivers different levels of services efficiently	2.5	3	3.5	3	4
7	Enhances the existing links of the university to its neighboring properties and provides a continuous linkage inside (accessibility to all types of users)	3	3	3.5	3.5	4

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	Considerations	Option 1: Do Nothing 1995 BOR approved	Option 2: 2013 OVPD Proposal	Option 3: 2015 CLUFP Proposal	Option 4: Business As Usual Actual Land Use	Option 5: LUDIP TWG generated
8	Provides venues for uni- versity-wide interaction	3.5	3.5	3.5	3.5	4
9	Opens and links academic and academic support clusters (similar to items, 6, 7, 17)	2.5	3	3	3	3.5
10	Conserves biodiversity	2	2.5	3	2	3.5
11	Contributes to food securi- ty	3	4	3	4	4
12	Conserves cultural herit- age	1	2	3	3.5	4
13	Serves as a tourism desti- nation	1	2	1	2	4
14	Offers entrepreneurial opportunities and activities of the University	2.5	3	3	2.5	4
15	Adheres to the principles of gender and develop- ment	NA	1	3.5	4	4
16	Mitigates the impacts of climate change and natu- ral hazards (risk-sensitive design)	2	2	2	3.5	4
17	Provides adequate and safe circulation systems	2	2	2	3	4
18	Observes pollution control standards	1	NA	NA	2	3
19	Contributes to the sustain- able social and economic growth of the region (Refer to item 2)	3.5	3.5	3.5	3.5	4
	AVERAGE SCORE	2.4	2.8	3.1	3.3	4.1

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UPV MIAGAO PROPOSED BUBBLE DIAGRAM

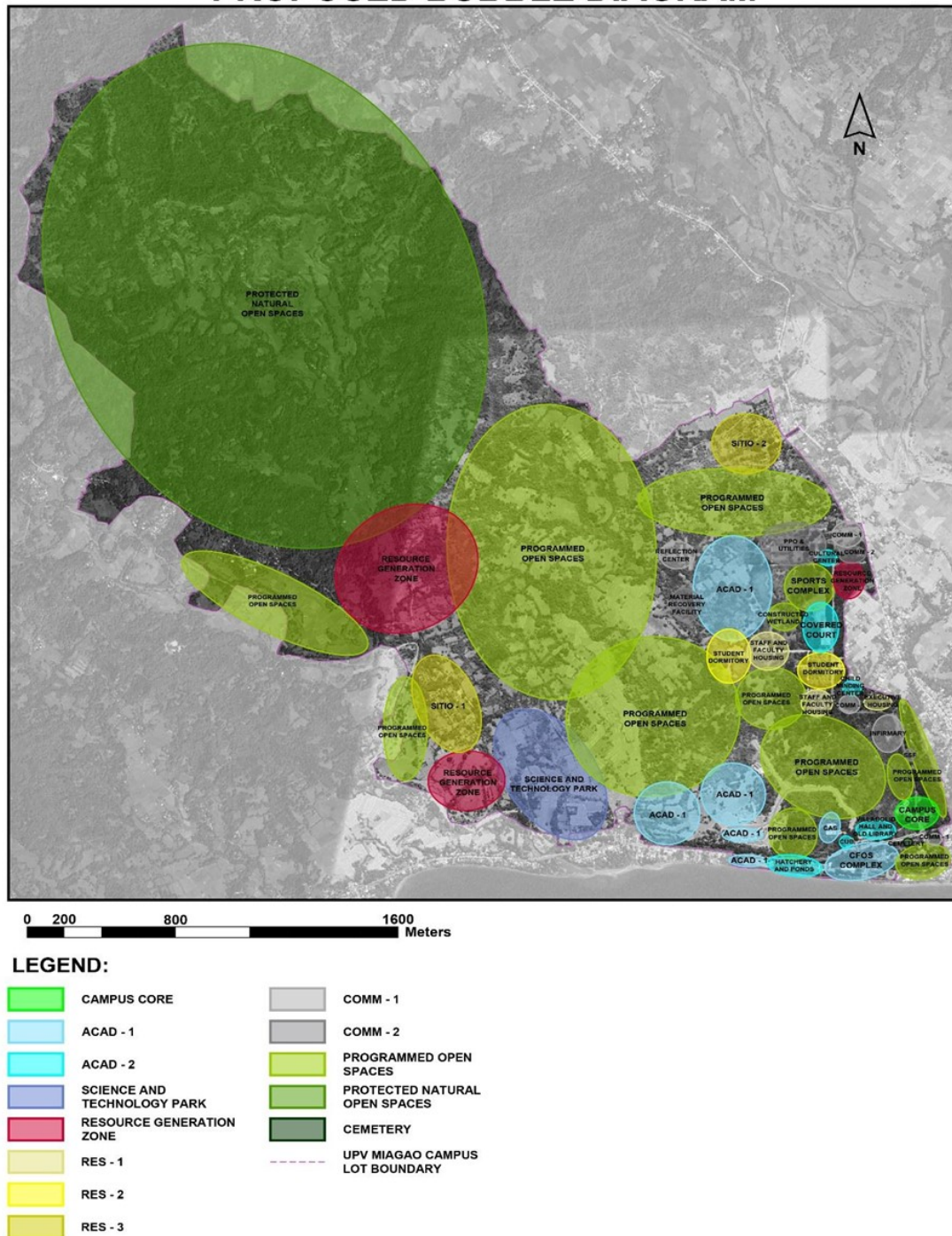


Figure 4- 6. Proposed bubble diagram for UPV Miagao Campus based on Option 5.

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4.3 Proposed Campus Land Use Plan

The following land uses are proposed for the Miagao campus to create a series of land use zones that express the policies and guidelines and organize the campus into a well-defined community.

Following the description of land uses in the University Development Principles and Design Guidelines (2015), additional information is provided for the proposed **Greenbelt Zone and the Historical and Tourism District Zone Overlay**. The campus will also have a Historical and Tourism District Overlay Zone with sites identified as having heritage significance and tourism potential.

a. Campus Core

The historic and unifying center of the campus – with appropriately maintained pioneer buildings, heritage trees, and other campus elements – shall become the inspiration for all future developments on campus.

b. Academic/Academic-Support Units

Units and zones where the faculty, students, and staff shall engage in the basic academic activities of instruction, research, and public service, alongside the facilitation of administrative activities, and which shall collectively lead to academic excellence. The Academic/Academic-Support Land Use may be further classified as:

ACAD-1 – Zone composed of academic clusters based on the site groupings of related academic programs and fields of specialization. This is where teaching and research activities are situated, normally in choice positions around the Campus Core.

ACAD-2 – Zone composed of academic-support spaces where research and student services are performed. It is recommended that the buildings in this zone are inter-collegiate managed in order to enhance the networking functions of related colleges. Activities in this zone shall include research and professional services for outside/non-University entities, especially national and local government offices, procedures, and products that are intended to contribute to or strengthen the University database. Academic support buildings include:

- University Museum and Art Gallery
- University Library
- University Press and Bookstore
- University Student Activities and Study Centers
- University Extension Buildings

c. Science and Technology Park

Mixed-use zones that shall drive the knowledge economy, where UP as the academic institution links with business/industry for the generation of basic materials and technological innovations.

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d. Resource Generation Zone

Mixed-use zones allow for the development and generation of resources, both income and knowledge-based, the benefits of which shall be redound to the students, faculty, and staff.

- Endorse art and technology incubators that encourage faculty, staff, and students to develop their ideas and research into social and commercial ventures that are beneficial to the community.

e. Residential/Mixed-Use Zone

Areas on-campus designated for residential and related activity needs of faculty, staff, students, and other constituents. With the privilege of residing on-campus, faculty and staff shall comply with the new and more relevant University rules on housing.

- Offer a variety of housing options and recommend flexible programs that meet the needs of the student, faculty, and staff populations. Allow rooms in awarded housing to be further rented out to university-accredited parties. This method shall cover the surplus in the overall housing requests on the campus.

The residential/mixed-use areas shall be zoned as follows:

RES-1 – Residential areas for faculty and staff composed of single-detached, duplex, and town-house type designs. Land/buildings and land only may be leased out at market rates to accredited lessees according to a predetermined time frame. Two other land-use activities will be allowed in R-1 zones:

- Rooms can be rented out to students according to the University-approved guidelines, for which the area will also be treated as a faculty-student village.
- Faculty and staff lessees will be allowed to establish entrepreneurial activities within the leased premises under the Creative Arts Business Incubator Zone, according to the rules and regulations of the University. This is to make the most of the educated employee base, with a flexible workforce and students as part-time employees.

Examples of creative arts businesses include:

- Indoor Art Gallery for Faculty and Student Works
 - Outdoor (Public) Art Plaza
 - T-shirt and Poster Printing Shop
 - Software Development
 - Food Technology Incubator Restaurant
 - Herbal Medicine Center
 - Acupuncture and Alternative Medicine
 - Health, Recreation, and Fitness Centers
- To preserve the residential/mixed-use character of this zone inside University premises, the following uses are NOT PERMITTED:
 - Massage Parlors
 - Funeral Parlors and Crematorium
 - Liquor Shops and selling of liquor in restaurants
 - Firearms stores
 - Pollutive industrial activities (noise, dust, bad smell)
 - Poultry, Piggery, and commercial raising of animal

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RES-2 – Residential areas for faculty and students composed of medium-rise walk-up housing and dormitories located in clusters. This zone shall allow the conversion of the ground floor of such mid-rise buildings to house services for the occupants, such as: laundry shops, sari-sari stores, boutiques, beauty and barber shops, coffee and food shops, internet cafes, and tailor shops according to the rules and regulations of the University. It shall also allow the building of a central clubhouse that shall house the rest and recreational spaces needed for the use of the faculty and students.

RES-3 – Residential areas for university-accredited residents who service the University and its constituents in various capacities. A system of accreditation shall be formulated to regulate bona fide informal settlements as follows (See also Section 2.7 Special Considerations on Informal Settlers):

- Length and attribute of stay
- Types and quality of offered service to the University and its constituents
- Quality of dwelling
- Willingness to sign a lease contract with the University involving the amount and time of lease
- No criminal record, etc.

f. **Community Services Zone**

Zones designated for the siting of community facilities that shall communally serve the University community, including the immediate families of faculty, students and staff.

- Locate community service buildings in prominent and easily accessible sites distributed within the campus.

Community services shall be divided into two general land use zones as follows:

COMM-1 – Community services that directly deal with the constituents of the university and include the following facilities:

- University Shopping Center
- University Hotel and Convention Center
- University Health Service and Wellness Centers
- University Geriatric Center
- University Spiritual Center
- University Post Office

COMM-2 – Community services which deal with securing and maintaining the facilities of the university and include the following facilities:

- University Police and Fire Stations
- Logistics Center/ Campus Logistics and Maintenance Offices
- Warehouses, Storage, Repair Garages, Work Shops

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g. Programmed Open Spaces

Large tracts of campus green spaces, integrated with softscape and hardscape in a designed exterior environment, which allow for a variety of human activities, both passive and active.

The range of activities shall include:

- Active sports activities (soccer and baseball field, running track, marching grounds)
- Discourse areas (amphitheater, plazas, outdoor music arenas, demonstration corner)
- Passive open areas (parks and playgrounds, meditation gardens, outdoor study areas)
- Animal grazing area for sports and recreation (Horse grazing and stud farm, bridle path)
- Transportation network (roads and parking, pedestrian paths, and bikeways)

h. Agricultural Zones

These include expanses of urban land and wetlands that are preserved and protected for agricultural production and educational purposes. Agricultural zones may be further classified as:

AGRI-1 – Agricultural zone for low land-use intensity where mechanization is limited. Local plant varieties are propagated without the use of fertilizers and pesticides. Yields depend primarily on the fertility of soils and environmental conditions.

i. Greenbelt Zone

Greenbelt Zone (B/GZ) – an area within a city/municipality that are yards, parks, or open spaces intended to separate incompatible elements or uses to control pollution/ nuisance and for identifying and defining development areas or zones where no permanent structures are allowed (HLURB CLUP Guidebook, 2013).

In the UPV Miagao campus, these planned green corridors alongside the waterways together with the other nature parks within (e.g. Love Nature Park, Bambusetum, arboretum, proposed wetland park, and beach forest) and the protected natural open spaces cover 62.34% of the total area of the campus. These interconnected green spaces from the ridge to the shore of the University shall be maintained and managed sustainably for the national university's multi-level (institutional, local, regional, and global) goals, functions, and commitments to protecting biodiversity.

j. Historical and Tourism District Zone Overlay

Sections of the campus with historically and/or architecturally significant buildings or structures that are preserved and/or developed, based on the university's approved parameters and existing laws, for their heritage and tourism potential.

The page that follows shows the Proposed Land Use Plan for the UPV Miagao campus.

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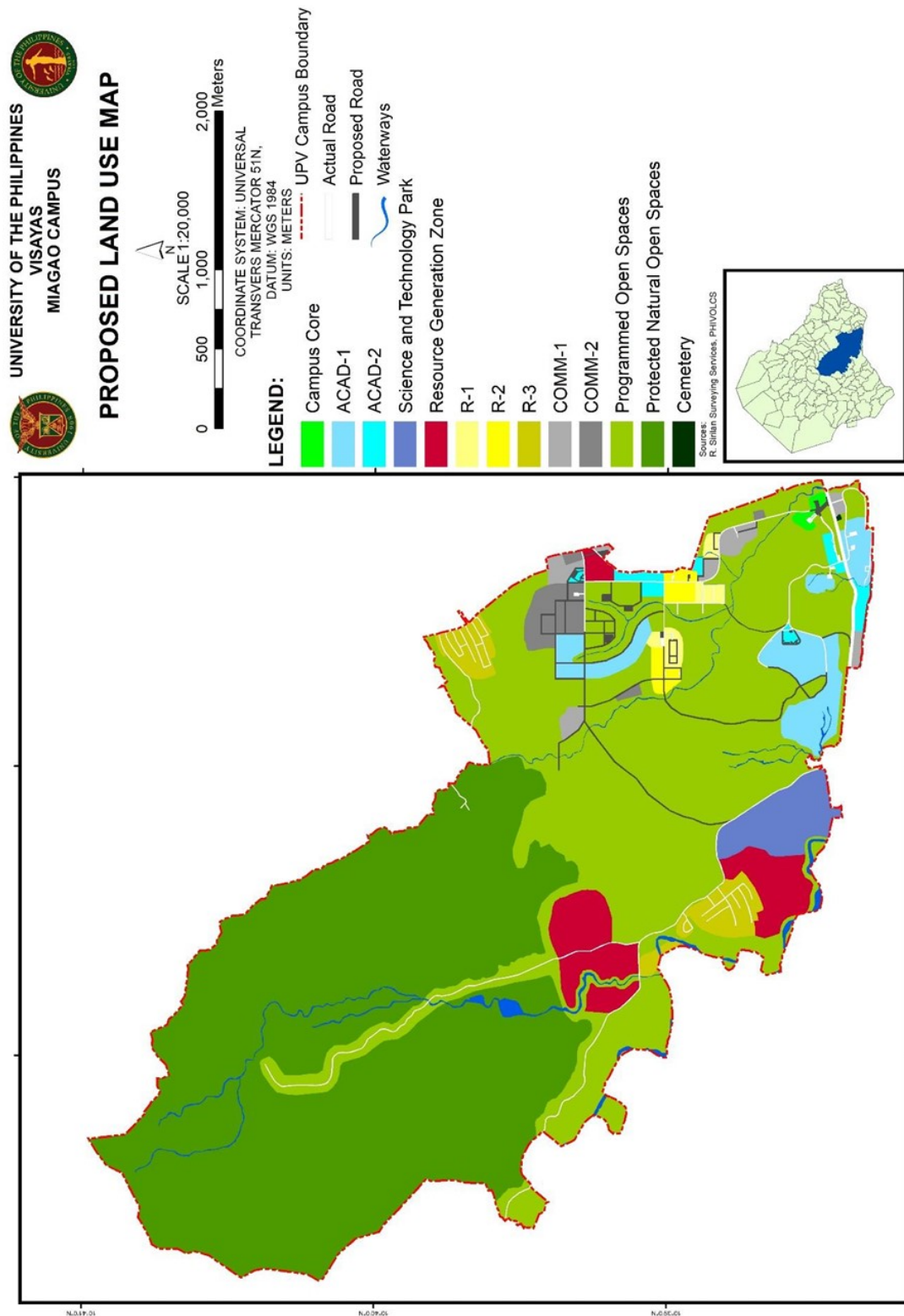


Figure 4- 7, Proposed Land Use Map of UPV Magao Campus (2021-2030)

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Table 4-2. Comparative Land Use for Miagao-BOR-approved and Proposed Land Uses

	LAND USE CLASSIFICATION (SOURCE: UPV Master Development Plan- Development Principles and Design Guidelines page 8-12)	BOR-approved (1995) LAND USE CLASSIFICATION SOURCE: BOR Land use Map (1995)	BOR- ap- proved (1995) Land Area (SQM)	ACTUAL AREA/ EXISTING AREA (SQ.M.) Reference: Recreate OVCPD Map- 2021(LUDIP Opening)	ACTUAL/ EXISTING LAND UTILI- ZATION (%)	PROPOSED AREA (SQ.M.) Source: SIRI- LAN Surveying Office (CADD Boundary- Parcellary Sur- vey) Base Map	TOTAL PRO- POSED AREA (SQ.M.)	LAND UTILIZA- TION (%)
A	Campus Core			23,244	0.19		19,462	0.16
B	Academic/Academic Support	Academic/Academic Support	659,000	248,178	2.03		474,702	3.88
	ACAD-1			188,035		391,831		
C	ACAD-2			60,143		82,872		
	Science and Technology Park	Science and Technology Park	212,000				247,910	2.03
D	Resource Generation Zone	Business Development Zone	260,000				485,653	3.97
E	Residential/Mixed-use Zone	Housing Area	370,000	381,344,869	3.12		370,987	3.04
	R-1			84,337		63,255		
	R-2			58,946		69,671		
	R-3			238,061		238,061		
F	Community Services			62,518,182	0.51		249,474	2.04
	COMM-1			10,564		118,979		
	COMM-2			51,954		130,494		
		Land fill Reference: OVCPD Map-2021(BOR Base Map 1995)	107,670					
G	Historical and Tourism District							

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	LAND USE CLASSIFICATION (SOURCE: UPV Master Development Principles and Design Guidelines page 8-12)	BOR-approved (1995) LAND USE CLASSIFICATION SOURCE: BOR Land use Map (1995)	BOR-approved (1995) Land Area (SQM)	ACTUAL AREA/EXISTING AREA (SQ.M.) Reference: Recreate OVCDD Map-2021(LUDIP Opening)	ACTUAL/ EXISTING LAND UTILIZATION (%)	PROPOSED AREA (SQ.M.) Source: SIRILAN Surveying Office (CADD Boundary-Parcellary Survey) Base Map	TOTAL PROPOSED AREA (SQ.M.)	LAND UTILIZATION (%)
H	Programmed Open Spaces	Easements, Parks, & Open Areas	657,000	2,562,985	20.97		3,965,961	32.45
I	Protected Natural Open Spaces	Environmental Laboratory and Wildlife Area (Note: Reference: OVCDD Map-2021(BOR Base Map 1995)	9,309,597	7,619,072	62.34		5,698,222	46.62
	Agricultural Zones			814,269	6.66			
	AGRI-1							
J	AGRI-2							
J	AGRI-3							
K	COMMERCIAL	COMMERCIAL	30,000					
	INSTITUTIONAL	INSTITUTIONAL	98,000					
	Road - Fenced Area	Roads	374,000	241,816	1.98		441,054	3.61
O	Road - Outside Fenced Area							
	Sports/Recreation/Arts	Sports/Recreation/Arts	145,000					
	Cemetery (Source: Sirilan Survey)			1,034	0.01		1,034	0.01
	Waterways			267,807	2.19		267,807	2.19
	TOTAL		12,222,267	12,222,267	100	TOTAL	12,222,267	100

File Source: Miagao-Land-Accounting-23-11-2021.xlsx, worksheet: SUMMARY MIAGAO CAMPUS

Data Source: design Team-SIRILAN Surveying Office (CADD Boundary-Parcellary Survey-Base Map) & SARP; As of: November 16, 2021

Notes: BOR Land sizes value are reflected in the report in analysis in 1995 which conducted by PB Ortigas, JR. & Associates (A Report on the Proposed Land Plan-UPV Miagao) (Land Use Site Analysis Table)

The total Area from BOR 1995 LAND USE PLAN is only 2,805,000sqm, Environmental Laboratory and Wildlife Area= 9,309,597sqm and Landfill Area= 107,670sqm was not included in total area of UPV Miagao which is 12,222,267sqm.

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PROPOSED UPV MIAGAO GREENBELT ZONE MAP

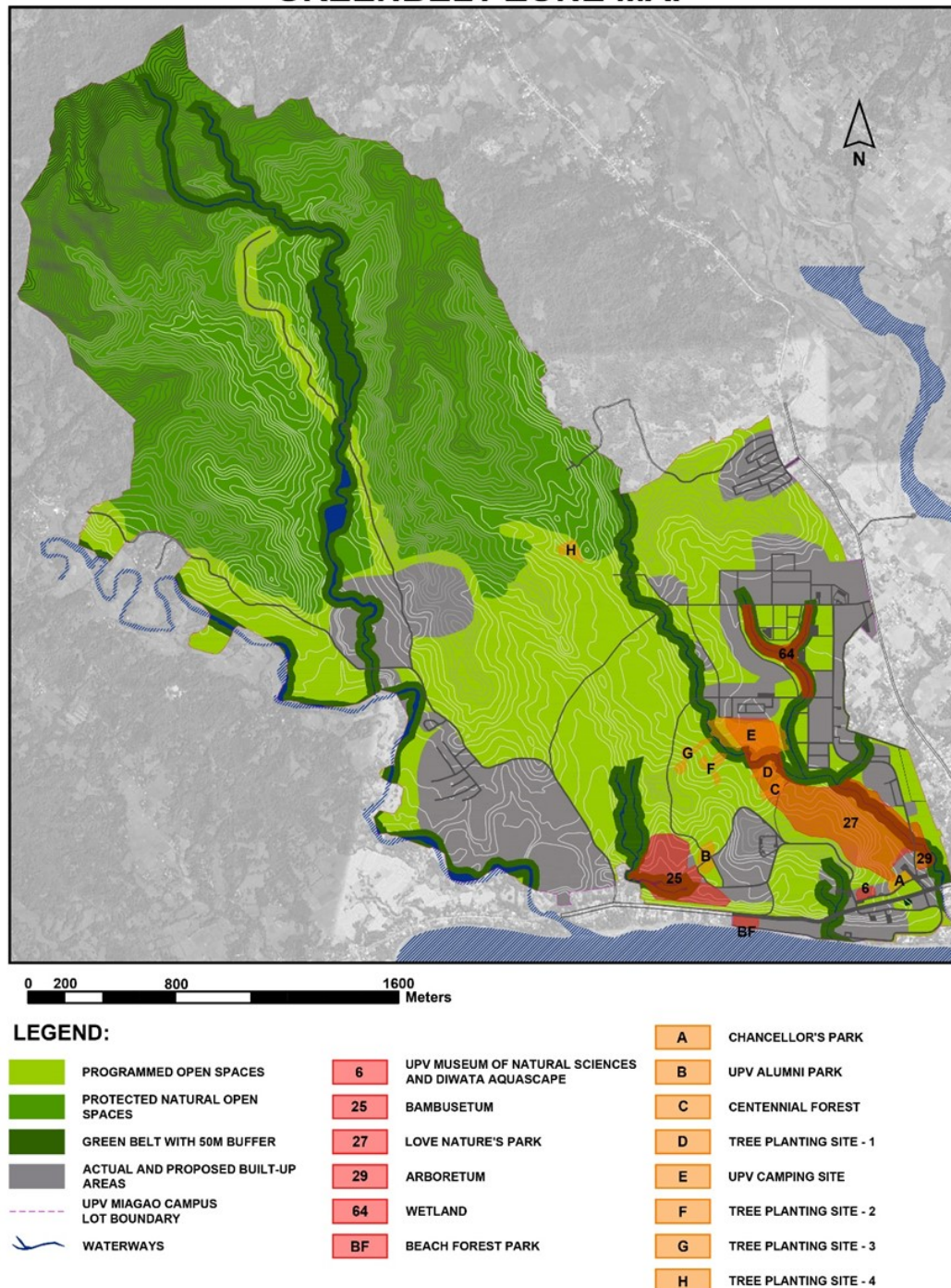


Figure 4- 8. Proposed Greenbelt Zone Map

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Projects and activities in the zones may have certain constraints. Refer to Annex A of this chapter for a few that has been identified.

4.4 Campus Area Utility and Infrastructure Network

All modes of transportation are available but on a limited schedule, and therefore unreliable. The buses and jeepneys services only the national road and the internal public transport service is limited only to tricycles, however, jeepneys with Iloilo City – Miagao route enter the campus to drop off passengers in specific areas, as the UPV Campus is its last stop.

To address the concern of the unreliability of public transport inside the Miagao Campus, UPV proposes a public transport scheme similar to the IKOT and TOKI systems. Bicycles are also another option, but this poses limitations due to the campus' terrain, as some areas are very steep.

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PROPOSED UPV MIAGAO
ROAD & CIRCULATION NETWORK

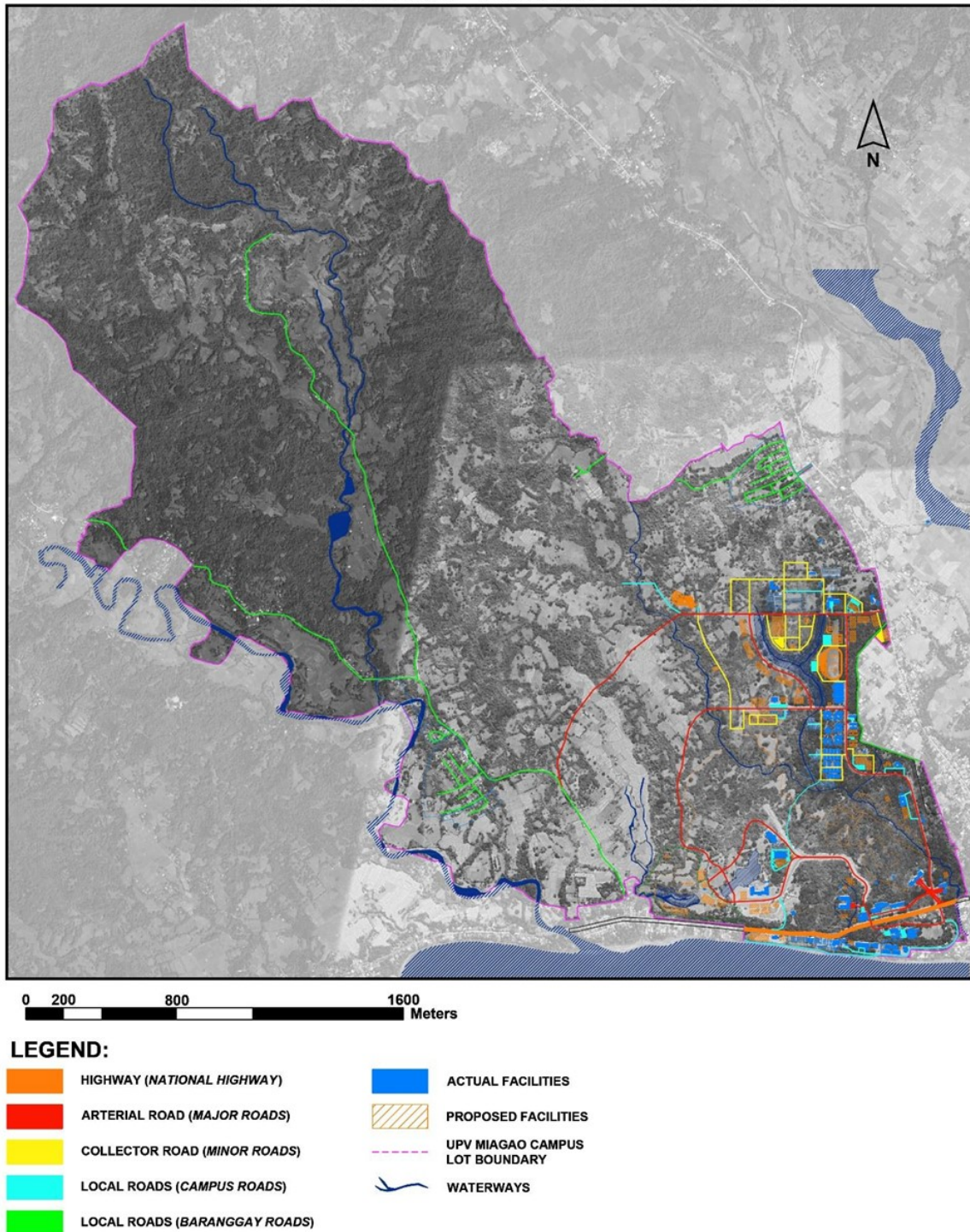


Figure 4- 9. Proposed Campus Mobility and Circulation Network

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PHASE 1: ACTUAL ROUTES FOR PUBLIC
TRANSPORTATION ON ACTUAL ROADS

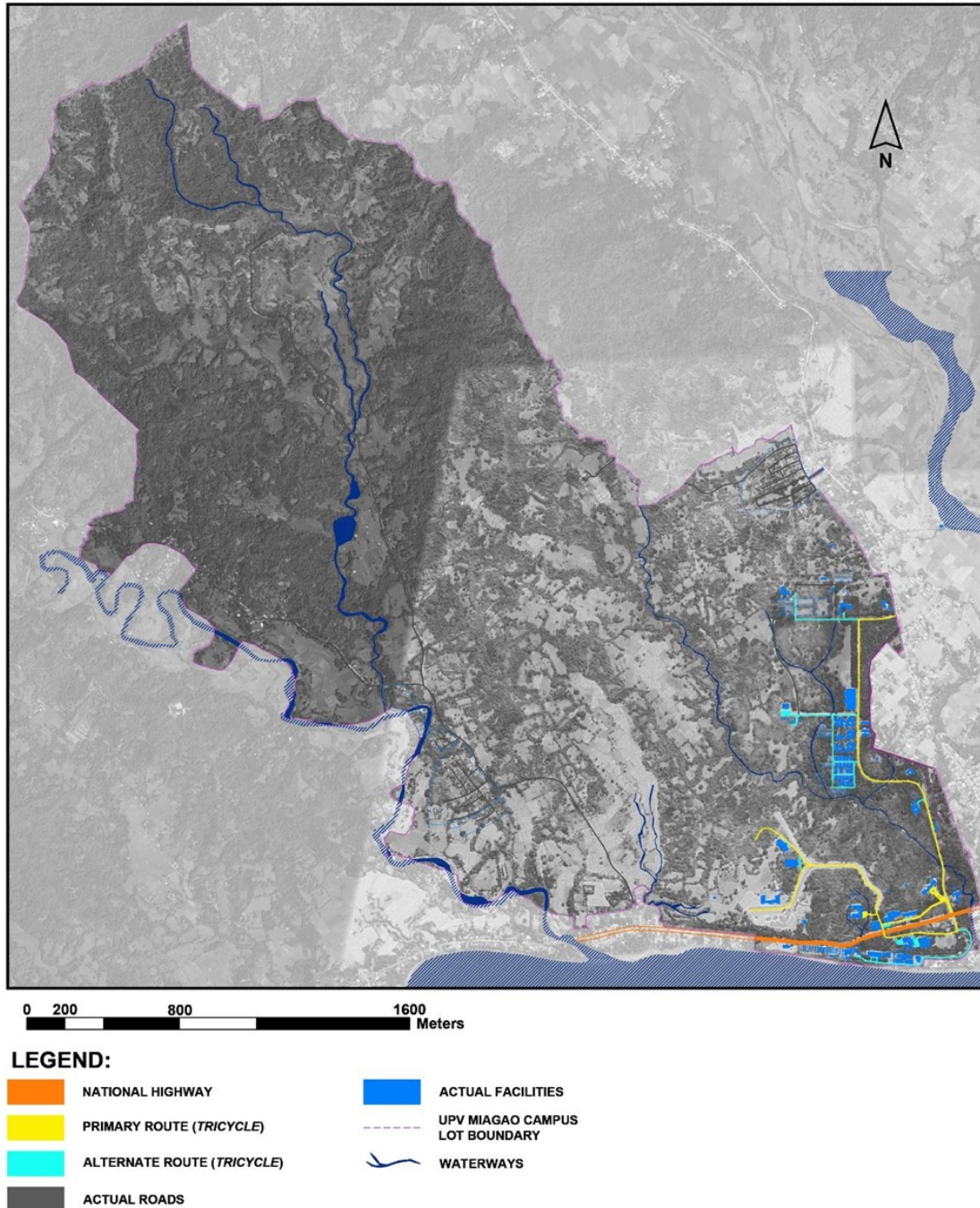


Figure 4- 10. Proposed Campus Mobility and Circulation Network: Phase 1

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PHASE 2: REVISED ROUTES FOR PUBLIC
TRANSPORTATION ON ACTUAL ROADS

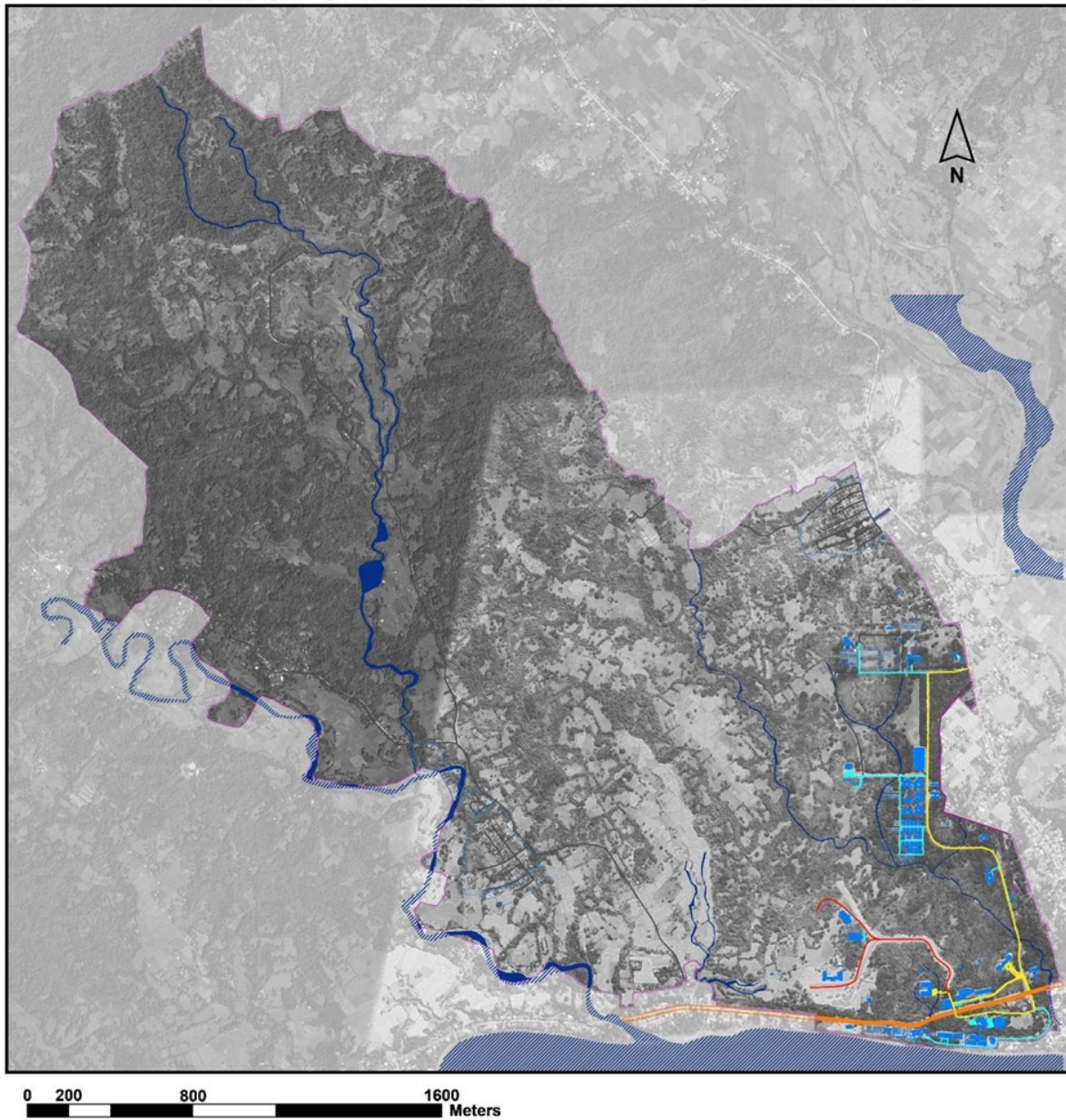


Figure 4- 11. Proposed Campus Mobility and Circulation Network: Phase 2

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PHASE 3: NEW ROUTES FOR PUBLIC
TRANSPORTATION ON PROPOSED ROADS

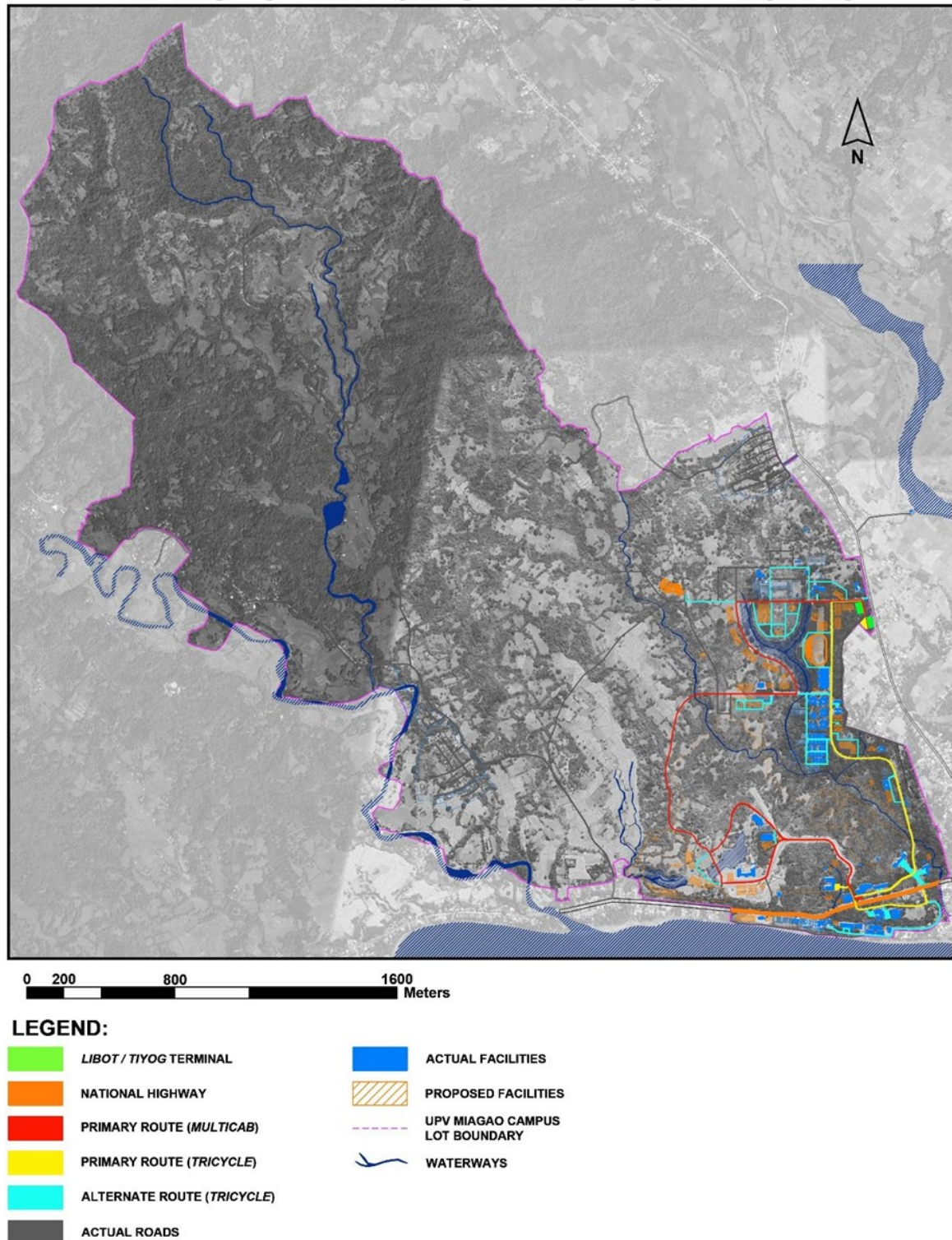


Figure 4- 12. Proposed Campus Mobility and Circulation Network: Phase 3

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UPV MIAGAO PROPOSED ROAD NETWORK MAP

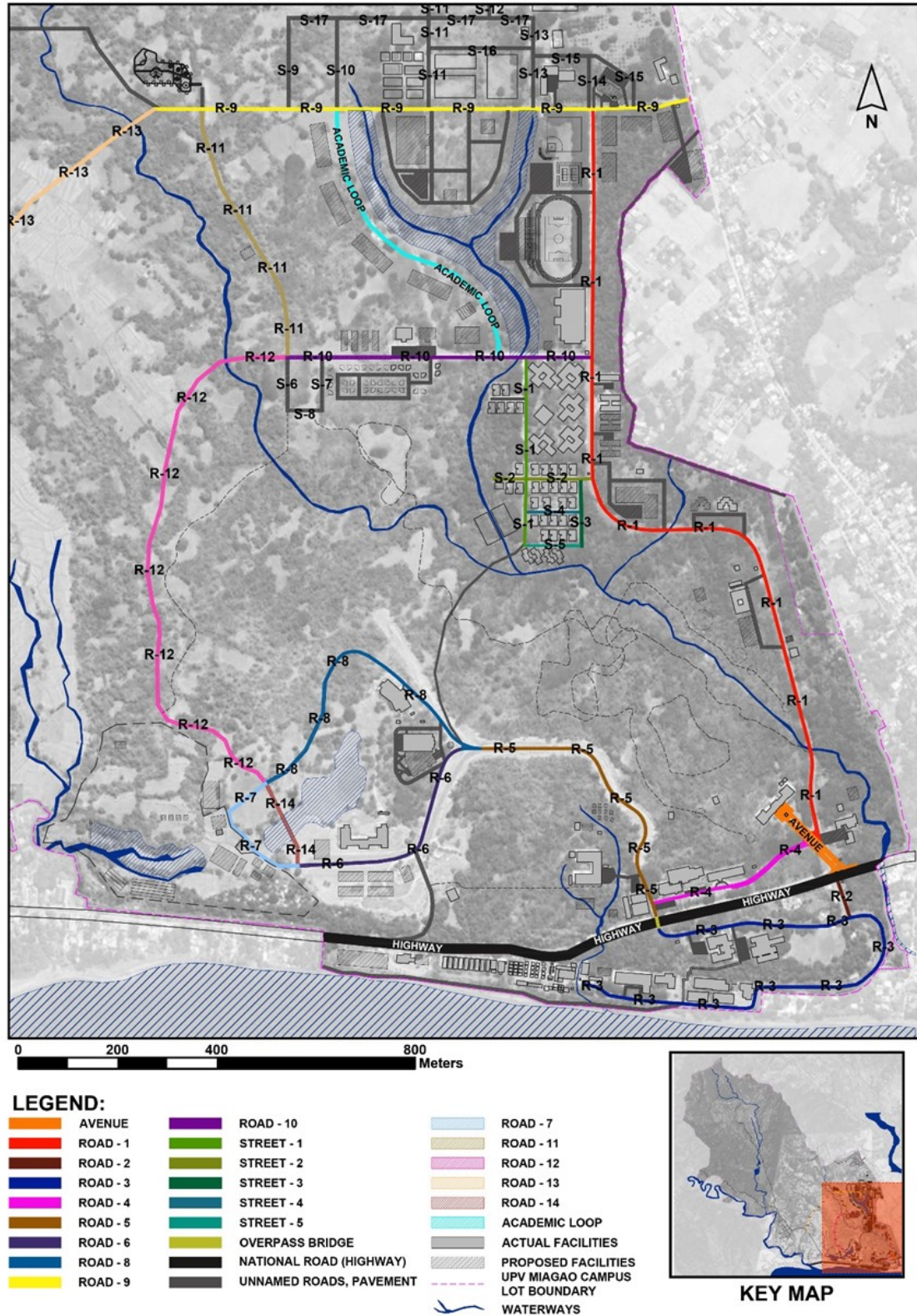


Figure 4- 13. Proposed Road Network Map

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Table 4-3. Proposed Projects by Land Use Classification, Technical Observation and Policy Options

Projects	Land Use Classification	Technical Observation	Possible Cause	Policy options
PROPOSED AREAS FOR CAS, CM, RRC, SOTECH, AND BAMBUSETUM	Open space Partly agricultural Residential	Informal Settlers The sloping area especially for CAS Small area for a big college (CAS) No allocation for Parking areas (RRC, SOTECH, MAIN LIBRARY) A limited number of trees (New Academic Core Area) Wind Zone Stray animals Integrated Road Network within the UPV Campus Lack of community facilities	Resistance from informal settlers whose land has already been paid Source of income near the area Animals owned by informal settlers Lack of stakeholder consultation No EIA/IEE	Humane eviction guidelines to be followed Look for alternative sites for colleges Recommended for tree planting and landscaping (New Academic Core Area) Impounding of stray animals OVCPD to recommend project-specific creation of multi-office/multi-disciplinary Initial Environmental Examination team
Freshwater Aquaculture Station (FAS)	Open space Partly agricultural	Cattle grazing Possible Flood prone area Presence of Non-endemic Tree Species Poor ecology	Area not properly monitored Depressed area Result of the past administration's tree planting projects	Strict implementation of guidelines and grazing in designated areas Mitigating measures for flood-prone areas Planting project of endemic tree species Biodiversity project (planting project of endemic tree species)
Sitio 1 and Sitio 2	Open space Partly agricultural Residential	Lack of basic facilities (reliable and accessible water sources for potable and non-potable)	High elevation of area No partner investor	Look for donors

Source: Excerpts from the report of the transect walk on May 14, 2021

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4.4 Guidelines

Biodiversity and Green Spaces

- In planning the campus' built and natural environment, all developments are expected to be non-destructive to the existing natural spaces of the university. An Environmental Impact Assessment or a similar assessment shall be made before the start of any type of development which must be approved by the university (Biodiversity Management Handbook, 2021, p. 6).
- On habitat management thru landscape maintenance, adopt a managed mowing schedule and ensure that laws are allowed to grow at a certain height that will allow wildlife to thrive (Biodiversity Management Handbook, 2021, p. 14).
- Dominant vegetation such as overgrown grass shall be reduced, but shall not be over-managed (Biodiversity Management Handbook, 2021, p. 14).
- Applicable provisions on Construction and Post-Construction phases in the Biodiversity Management Handbook (2021, pp. 16-17) shall be followed.

Regulations for Building/Structure design in the Heritage Overlay Zone

1. Repair and maintenance guidelines as stipulated by NHCP guidelines shall be followed for buildings that underwent restoration.
2. Demolition, repair, renovation, restoration, and construction of any buildings or structures should be done with prior consultation, clearance, and approval by pertinent offices and authorities.

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Development in the Historical & Tourism District Overlay Zone

1. All constructions for new buildings or structures as well as accessory facilities for such new construction or development shall conform to the principles and requirements of PD 1096 (National Building Code of the Philippines), BP 344 (Accessibility Law), and other relevant documents.
2. For buildings earmarked for conservation, the following shall be observed:
 - a. The demolition, major alteration, and new addition to a building's façade shall be guided by BOR provisions on the disposition of properties.
 - b. Unauthorized additions and alterations diminishing the significance of the façade's original design shall be removed.
 - c. Materials to be used for the proposed additions and alterations shall be similar or compatible with the original buildings.
3. A Conservation Management Plan shall be crafted for the UPV Iloilo City Campus.

Open Spaces: Whether protected or programmed

Open spaces in the context of UPV's masterplan, are spaces for the public where there is opportunity and benefit for the public who are granted access to the campus to engage in "conservation, recreation and contact with nature"

A. Public, Interactive Open Spaces include tree parks, lawns, courtyards/quadrangles, avenues

B. UPV Campus Guidelines for open spaces are anchored on the following premises:

- The campus is a quality, healthy and safe learning space for its stakeholders and partners
- As a component unit in a national university with vision for global excellence, should contribute and promote sustainability goals of the country in the context of its CU mandate for excellence in aquatic and fishery science
- Respect for Nature and its ecosystem services (especially in terms of habitat for vegetation & wildlife, micro-climates for users, increased stormwater infiltration for soil and land) protect University's assets and its community as well as provide a sustaining mechanism to these assets

C. Proposed Projects:

- Any project proposed in the open spaces zone shall be guided by PD 1511 that establishes the precautionary principle of environmental policies. It shall be categorized whether PD 1586 ((Law Establishing an Environmental Impact Statement System) should be applied to it.

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- Regardless, at a minimum, proposals/plans should provide a risk assessment analysis including risk to public safety, learning environment and biodiversity.
- Proposals should also be evaluated if it provides environmental safeguards and/or supports or in compliance with existing laws esp. Philippine Clean Water Act of 2004 (RA 9275), Phil/ Ecological Solid Waste Management Act 2000(RA 9003) , Amended Animal Welfare Act of 2013 (RA 8485/ 10631), Climate Change Act, Philippine Disaster and Risk Reduction Management Act of 2010 (RA 10121), and/or in harmony with national programs (National Greening Program (EO 26, s. 2011); Sustainable Forest Management (EO 318, s. 2004)) and international commitments of the Philippine Government (e.g. the Convention on Biological Diversity, Convention on International Trade in Endangered Species of Wild Flora and Fauna (CITES) , Convention on Migratory Species (CMS)

Spatial Structure and Layout

Spatial structure and layout determine the ease with which people can move through and between parks and green spaces and make the most effective use of them. Criteria that need to be incorporated in spatial plans and layout of parks and green spaces are the following:

- Parks and green spaces should be connected to each other where feasible.
- Provide small and large subspaces that can be used for different purposes and activities.
- Make the areas more appealing to the senses.
- Create zones for active and passive uses, and for younger and older users.
- Provide space for emergencies according to disaster risk management plans in place.
- Ensure proper distribution and smooth transition of recreational spaces between green and grey infrastructure

Ensuring Safety and Security

Parks and open space design need to ensure that users feel safe and that risks of harm from traffic, hazards, or interpersonal violence are mitigated. Women and girls are especially at risk of violence and harassment and careful park design can help to ensure their safety and encourage them to use the parks. Specific criteria that need to be incorporated into designs to ensure safety and security are the following:

- Observe road sharing concepts.
- Ensure the greatest possible visibility and lines of sight.
- Ensure enough lighting, especially along pathways and public spaces including public toilets.
- Cameras should be installed in the parking area and monitored.
- Communication networks should be uploaded and recorded in geographic information system format.
- There should be one lane in the parking area with an appropriate surface for trucks, and other lanes of appropriate size and surface for ambulances or other emergency vehicles. These trails should allow vehicles to go from one end of the park to the other.
- Remote-controlled barriers need to be located at the entrances of the park to prevent alien cars from entering.

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- Hydrants must comply with fire safety standards.
- There should be a building for the security service (24-hour service for very important spots).
- There should be an insulated room with a bathroom and adequate equipment for security personnel in the park area.
- There should be a set of light boxes indicating the presence of a stationary aid station and a special box, with appropriate marking and warning signs, containing medicines and essentials for first aid.
- There should be information boards with maps of the park and nearby open spaces within the campus.
- There should be appropriate parking and warning signs (including a bicycle sign, lawn sign, etc.) in the area.
- Appropriate space shall be provided for pets in the parking area.
- Parks should be designed for easy maintenance and a maintenance plan should be put in place.

Guidelines on Property Development

1. Follow guidelines/provisions from the UP system .
2. Adhere to the provisions in the 1948 Deed of Donation until amendments or new arrangements have been made.
 - 2.1 The lots shall remain the exclusive property of the University as long as the lots and buildings are exclusively used for school and school site purposes.
 - 2.2 If the University no longer needs the said lots and buildings as school site and school purposes, ownership of the same shall be reverted automatically to the City of Iloilo.
 - 2.3 The University cannot alienate, sell, mortgage, or in any manner encumber the said property during the existence of the contract.
 - 2.4 All improvements now existing and which may hereinafter be erected made and constructed by the University on the premises and building of the City of Iloilo during the existence of this contract shall be disposed of after the expiration or termination of the contract of donation in the manner, form or ways that the University and City of Iloilo might agree of deciding which will be equitable to both parties upon mutual agreement.
 - 2.5 The donation shall not include the buildings used as bodegas and garages of the City of Iloilo and the donor shall have the right to use the premises occupied by such bodegas and garages until such time when a new and suitable location could be secured wherein said the building could be transferred.

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Chapter 5. Investment Programming

The earlier chapter presented the policies, guidelines, and proposed land uses and infrastructure in the Iloilo City campus. Investment programming is one of the tools to address the hierarchy of projects to undertake at different time periods and to identify which projects will be funded by available sources of funds. The output of the process includes an Indicative Financing Plan that represents the cost of development and the cost breakdown of the programs and projects with short-term (up to 3 years), medium-term (4 to 6 years), and long-term (7 or more years) planning periods.

For the Miagao campus, the references for the programs, projects, and activities (PPAs) come from priority projects from previous years that have yet to be funded and from the investment programming workshop with university officials. The proposed PPAs were also validated through on-site visits and meetings with the TWG for Infrastructure Projects.

5.1. Projects, Programs, and Activities (PPAs) from Previous Years

The PPAs from the previous years were carried over to the LUDIP. These projects were included in the FY2022 and FY2023 General Appropriations Act with funding from the Department of Budget and Management.

Table 5- 1. Project Number, Name, Estimated Cost and Land Use Classification from Previous Years

PROJECT NO.	PROJECT NAME	ESTIMATED COST (PHP)	LAND USE CLASSIFICATIONS
BUILDING AND STRUCTURE OUTLAY (BSO)			
1	School of Technology Building, Phase 4 Lot Area: 11,585 sq. m. Floor Area: 8,275 sq. m. No. of floors: 3 floors	75,000,000	Academic/ Academic Support Zone ACAD-1, F#19 Grid Y-20
2	UPV Main Library, Phase 2 Lot Area: 6,294.46 sq. m. Floor Area: 9,053.56 sq. m. No. of floors: 3 floors	240,000,000	Academic/ Academic Support Zone ACAD-2, F#22 Grid X-21
3	Construction and furnishing of RRC Phase 4 Lot Area: 5,000 sq. m. Floor Area: 5,200 sq. m. No. of floors: 3 floors	49,221,000	Academic/ Academic Support Zone ACAD-1, F#23 Grid W-21

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PROJECT NO.	PROJECT NAME	ESTIMATED COST (PHP)	LAND USE CLASSIFICATIONS
4	Water Sports and Training Facility Lot Area: 8,000 sq. m. Floor Area: 6,125 sq. m. No. of floors: 2 floors	179,000,000	Academic/ Academic Support Zone ACAD-2, F#50 Grid R-21
LAND AND LAND IMPROVEMENTS (LLI)			
5	Proposal for the UP Visayas Network Infrastructure: One UPV Campuses and Research Facilities Location: Iloilo, Miagao, Aklan, Leganes, and Antique	63,898,000	
	TOTAL	607,119,000	

Source: CY2023 GAA Budget Preparation; Template: LUDIP Campus Development Plan & Investment Program

5.2. The Investment Programming Process

Another way of identifying the PPAs for funding was the conduct of an investment programming workshop on 2 September 2021. The Urgency Test and the Goal Achievement Matrix Test (Level 2 or university level ranking) were used as decision-making tools to identify and rank the PPAs.

Level 1 Ranking Process

A series of vision reality gap (VRG) workshops were conducted from June to July 2021 to identify the college/ office Program, Projects & Activities (PPAs) using the descriptors from their vision statements. The Long List of PPAs was processed from the results of VRG workshops. During the investment programming (IP) workshop, the participants briefly reviewed the PPAs of their respective offices (Level 1 or Office Level Ranking) for the next 10 years. The long list comes from the executive offices (Office of the Chancellor and the Offices of the Vice Chancellors) and from the 4 Colleges.

Using the long list of PPAs the Chancellor, Vice Chancellors, and the College Deans were requested to rank the PPAs either thru a consensus or thru individual voting. The heads of offices may also consult their committees and staff to get information and provide justification.

Level 2 Ranking Process

Criteria

Using the processed results of the long list of PPAs, the executive offices and colleges were asked to rank the PPAs using the Urgency Test and Goal Achievement Matrix.

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Urgency Test

PPAs are rated based on their urgency using the following scheme:

- | | |
|----------|--|
| 3 points | Urgent and Essential (up to 3 years), short term |
| 2 points | Necessary and Desirable (4 to 6 years), medium-term |
| 1 point | Acceptable and Deferrable (7 or more years), long term |

Goal Achievement Matrix Test

PPAs were rated from 1 (lowest) to 5 (highest) based on the extent to which it contributes to the attainment of each of the following goals:

- | | |
|-------------------|--|
| C1: (Relevance) | Demonstrates the mandate/ thrust of the university (instruction, research, public service) |
| C2: (Inclusivity) | Is transdisciplinary/ requires inter-agency/ Intra-UPV office partnership |
| C3: (Efficiency) | Administrative efficiency |

Participants

The participants were identified to have an articulation of the office mandate they represent and have a high level of familiarity with PPAs in terms of income, expenditure, and operation. [The participants were as follows:](#)

- Chancellor
- Vice-Chancellors (VCA, VCAA, VCPD, VCRE)
- Deans (CFOS, CAS, CM, SOTECH)
- Budget Officer
- Accounting Officer
- CDMO Chief

The Budget Officer, Accounting Officer, and the CDMO Chief provided input to the discussion but they did not give individual scores as other university officials.

Scoring and Ranking of Projects, Programs, and Activities (PPAs)

The heads of the Executive Offices and the colleges consulted their committees and staff to get data and provide justification per project from their long list. Scores were given based on consensus. The PPAs in the Level 2 Ranking (University Level Ranking) are based on the average scores of the Urgency Test and Goal Achievement Matrix Test of at least 3.41 points.

Based on the Long List of PPAs (which were generated from the VRG outputs), the scores between 4.21– 5.00 are considered urgent (Urgency Test) and a score of 5 is equivalent to 76% -100% (GAM Test). The equivalent rating scales for the GAM are as follows: 5 = 76% - 100%; 4=51% - 75%; 3 = 26% - 50%; 2 = 1% - 25%; and 1 = 0%.

Results

The PPAs are composed of projects (infrastructure), non-projects (mandated/recurring office functions), and legislations (policies and guidelines). PPAs were sifted to consider projects with spatial implications only (or hard infrastructure). The results of the investment programming workshop were processed and top priority projects were identified based on the final ranking/scores of at least 3.41 to 5 points of the four (4) colleges and five (5) executive offices. Results of Investment Programming are found in Annex 5.1).

The results are based on the September 2, 2021, workshop.

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5.3. Spatial Development Based on Investment Programming

The projects resulting in the investment programming were further categorized. These categories are as follows: academic facilities and academic support facilities; new improvements/ infrastructure projects; rehabilitation and renovation projects; and, land and land improvements. These projects are to be implemented on a short-term (within 3 years); medium-term (4 to 6 years); and long-term (7 years and up) basis.

The proposed facilities map in Annex 5 is the spatial representation of the results from the investment programming workshop and the identified project from the previous administration.

5.4 Results of the Investment Programming Workshop

NEW INFRASTRUCTURE PROJECTS

ACADEMIC ZONE 1

Medium-term (4 to 6 years)

1. Construction of new College of Arts and Sciences Building (CAS 2), Phase 1, ACAD-1
2. Construction of a footbridge connecting the Tomas Fonacier Building to the area where the Zoology Shed is located, ACAD-1
3. Establishment of CAS Research and Learning Village, Programmed Open Spaces
4. Construction of College of Fisheries and Ocean Sciences (CFOS) Building, ACAD-1 to include the following facilities:
 - Establishment of Fishing Technology Laboratory (Building 1, L101)
 - Establishment of Aquatic Flora and Fauna Laboratories
 - Establishment of Marine Microbiology Laboratory
 - Establishment of Specimen Lab (CFOS)
 - Establishment of Marine Ecology Laboratory (CFOS)
5. Establishment of Biodiversity Hub, UPV Miagao Campus (OC), Programmed Open Spaces
6. Classrooms, library, auditorium, graduate rooms (SOTECH), ACAD-1
7. Construction of Pilot Plant (SOTECH), ACAD-1

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LAND AND LAND IMPROVEMENTS

Long-term (7 or more years)

- Road Network 1 (Core Loop – Segment 1) (OVCA), ACAD-1
- Road Network 2 (Proposed Academic Buildings) (OVCA), ACAD-1

ACADEMIC SUPPORT FACILITIES (ACAD 2)

NEW INFRASTRUCTURE PROJECTS

Short-term (up to 3 years)

- Construction of Main Library, Phase II (OVCAA)
- Establishment of Bambusetum and bamboo research projects (SOTECH)
- Construction of Chemical and Solid Waste Disposal/Treatment Facility for CAS
- Construction of Disposal Facility (OVCA)
- Construction of Incident Command Control Center (OVCA)
- Construction/Installation of Document Storage Facility/Archive (OVCA)
- Provision of a bigger NSTP office- DMST (OVCAA)
- Establishment of Sewage Treatment Facility – 5 clusters (OVCA)

Medium-term (4 to 6 years)

- Construction of International Dormitory (OVCAA)
- Construction of faculty lounge and student lounge (CAS Miagao Campus)
- Construction of facilities for maintenance/ storage of test animals (OVCRE)
- Construction of the Center for Sustainable Fisheries and Aquaculture (OVCRE)

Long-term (7 or more years)

- Construction of the Events Center cum Sports Complex (OVCA)
- Construction of Fences along boundaries in Miagao campus (OVCPD/OVCA)
- Construction of the NIMBB Building (OVCRE)

LAND AND LAND IMPROVEMENTS

Short-term (up to 3 years)

- Rehabilitation of Existing UPV Road Networks and Replacement of Rotten Electrical Poles (for complementation with NGA/LGU) (OVCA)
- Proposal for a **Sewage Treatment Plant Facility – constructed wetland** in UPV Miagao (OVCA)

Medium-term (4 to 6 years)

- Development/Construction of Coastal Access Road and Retaining Seawall at Wet and Dry Labs ("Dalan ni Diwata") (CFOS)
- University Avenue UPV Miagao Campus (OVCPD/OVCA)
- Road Network 3 (Watersport-FAS-DMST loop) (OVCA)
- Road Network 4 (Academic (RRC area - Residential area, segment 2) (OVCA)

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5.5 Sources of Funds for the PPAs

The university has several sources of funds for its priority PPAs. UP Visayas has an annual regular allocation for its Internal Operating Budget (IOB) amounting to Php 874,500,000. The said amount comes from the National Government and covers items on Personnel Services (PS) and, Maintenance and Other Operating Expenses (MOOE). The General Appropriations Act (GAA) is the source of funds for Capital Outlays (CO) classified as Land and Land Improvements (LLI), Building and Structure Outlay (BSO), Equipment Outlay (EO), and Investment Outlay (IO).

In general, the GAA from the national government is the major source of funds for the university's operations. Other funding sources are as follows:

- Revolving Fund (RF 164)
- Income earned by the university from rental fees and service fees of colleges/units
- Trust Fund (TF 184)
- Earmarked fees collected from students (e.g., library fees, medical fees, etc.)
- Other miscellaneous income (income earned by college/unit in the conduct of income-generating activities)
- Grants from other government agencies and private companies for the conduct of special activities such as research, public service, and scholarships
- Funding support from the UP-System Administration Funds
- Reimbursement of tuition fees from CHED

The university also receives alumni donations each year, helping UPV better operate. Increasing the support from alumni associations and alumni can greatly contribute to various developmental activities of the university.

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5.6 Project Brief

Table 5- 2. Project Brief for UPV Main Library Phase 2

Items	Description
Project Title	UPV Main Library Phase 2
Brief Description of Project	<p>The University Library has been occupying two rooms on the second floor of the College of Fisheries building since the establishment of the Miagao campus in the 1980s. The construction of a new library (Main Library) will provide a more conducive, student-friendly, energy efficient, and digital-ready library for both graduate and undergraduate students, and the public as well.</p> <p>This project will complete the Main Library Building of the University. This building will provide a more modern and fully equipped library collection and facilities that will meet the standards of a world-class University. A space of learning commons shall be a major feature of the new library where students, faculty, and staff can comfortably study, do their research, and at the same time learn and relax. The Main Library building is located at the heart of the new academic core, where the executive offices (Office of the Chancellor and Vice Chancellors) of the UP Visayas will be located. This is part of UPVs' future development plans for the next 5 years if the project will continually be funded.</p>
Main Proponent	UPV, Office of the Chancellor
Project Category	Infrastructure
Location	UPV Miagao Campus
Project Demands on the Natural Resources	None
Risk from the Environment/ Human Made Hazards	Medium to High. A number of trees were cut to pave the way for the construction of Main Library Phase 1, and the building is located in a sloping area exposed to geologic hazards. Mitigating measures and occupational health and safety hazards policies will be strictly observed.
Project Duration	367 calendar days
Project Beneficiaries	UP and non-UPV constituents
Is formal Feasibility Design Study Required?	N/A
Implementing Offices in UPV	Office of the Vice Chancellor for Administration-Campus Development & Maintenance Office; Office of the Vice Chancellor for Planning & Development
Total Cost Estimate	PhP 240,000,000.00
Proposed Funding source/s	National agency funds (GAA)

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Items	Description
Objectives	<p>To provide a more modern and fully equipped library collection and facilities that will meet the standards of a world class University</p> <p>To provide a more conducive, student friendly, energy efficient and digital ready library for both graduate and undergraduate students, and the public as well.</p>
Success Indicators	<p>Number of students, faculty members, staff and REPS avail of the library services and are fully satisfied of the services</p> <p>Number of visits from UPV, researchers and other clientele (local and foreign)</p>
External Factors or External Factors that could frustrate the realization of the project	Although there are qualified people that will implement the projects, lack of funds can derail the implementation.
Private Sector Participation	During the operations stage, the business sector will be invited for collaborative arrangements with UPV in support of the instruction, research, and public service mandates. Collaboration will also be explored for resource generation purposes.

Capital Outlay Proposal Form for Submission to UP System (Memo No. PDLC 18-32, 2018)

Capital Outlay Proposal Form
Infrastructure (New/Annex)

Fill out all fields of this form. Indicate N/A for fields that are not applicable. For fields requiring more space, attach separate sheets when applicable.

Proposing Unit	
Date of Submission	19 November 2021
Name of Proposing Unit	Office of the Vice Chancellor for Planning and Development
Contact Person	Prof. Rhodella A. Ibabao, PhD Vice Chancellor for Planning and Development
Contact Details	Email Addresses: ovcpd@upv.edu.ph/ ovcpd.upvisayas@up.edu.ph Telephone No. (033) 315-8137
<i>For Academic Units</i>	
Current Number of Students	1,896 (<i>Miagao-based students</i>)
Current Number of Personnel	478 (<i>Faculty members, Staff and REPS</i>)

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Project Brief	
Project Title	UPV Main Library Phase 2 <i>Lot Area: 6,294.46 sq. meters</i> <i>Floor Area: 9,053.56 sq. meters</i> <i>No. of floors: 3 floors</i>
Background of the Project	<p>The University Library has been occupying two rooms in the second floor of the College of Fisheries building since the establishment of Miagao campus in the 1980s. The construction of a new library (Main Library) will provide a more conducive, student friendly, energy efficient and digital ready library for both graduate and undergraduate students, and the public as well.</p>
Project Purpose	<p>This project will complete the Main Library Building of the University. This building will provide a more modern and fully equipped library collection and facilities that will meet the standards of a world class University. A space of learning commons shall be a major feature of the new library where students, faculty and staff can comfortably study, do their research, and at the same time learn and relax. The Main Library building is located at the heart of the new academic core, where the executive offices (Office of the Chancellor and Vice Chancellors) of the UP Visayas will be located. This is part of UPVs' future development plans for the next 5 years, if the project will continually be funded.</p>

6.	Proposed Budget	PhP 240,000,000.00
7.	Proposed Implementation Schedule	367 calendar days

Existing Conditions		
8.	Inventory/ Assignment of Spaces (e.g., number of classrooms, labs, offices, CRs, etc.)	

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9.	List of Ongoing Infrastructure Projects	Project Title	Location	Funding Source	Budget (PhP)
	Construction of School of Technology Building, (Phase III), UP Visayas	UPV Miagao Campus, Miagao, Iloilo	GAA 2019	30,000,000.00	
		DESIGN-BUILD SERVICES Financial Requirements for the Initial Offering of Fisheries Courses in Antique, UP Visayas	UPV Extension Campus in Antique, Brgy. Nauring, Pandan, Antique	GAA 2019	50,000,000.00
		Design & Build Services for the Strengthening the Philippines Tourism Industry Through the UPV'S Center for Heritage, Culture & Performing Arts	UPV Iloilo City Campus, Iloilo City	CHED 2019	13,658,208.00
		Detailed Architectural Engineering Design Services for the UP Visayas Watersports Training Facility, UPV Miagao Campus	UPV Miagao Campus, Miagao, Iloilo	2019-UPS-RF	5,969,777.71
		Design of the New Main Library and Construction of Phase I	UPV Miagao Campus, Miagao, Iloilo	GAA 2017	146,000,000.00
		Proposed Rehabilitation/Repair and Perimeter Fencing of the Diwata Aquascape Building	UPV Miagao Campus, Miagao, Iloilo	UPS GAA 2020	2,399,902.30
		Const. of the Proposed Administration Services Building Phase I, UPV Iloilo City	UPV Iloilo City Campus, Iloilo City	2017-UPS-RF	25,000,000.00

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Possible Funding Sources		
11.	Status of UGTFI/GTFI on the date of proposal submission	
12.	Status of Proposing Unit's Trust Fund on the date of proposal submission	
13.	Name of Foundation	
	Existing Funds (Balance) on the date of proposal submission	

Required Attachments:

Site Map indicating the following information:

Identified site for the project

Indicative footprint of the building (in square meters)

Number of trees in the identified area (preferably identifying the species)

Potential sewage disposal location

Bodies of water that may be affected

Nearest tapping points for electricity and water

Schematic Diagrams

Perspectives

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Chapter 6. Site Development and Infrastructure Plan

This chapter contains building footprints, utility layout, parking, building uses, open spaces, accessibility for Persons with Disabilities, and a development action plan. The site development in the Miagao Campus covers 1,223 hectares.

Most of the development is focused on the southeast portion of the campus which has been identified as a buildable site with no or minimal mitigation and adaptation measures. The southeast portion of the property has been zoned as ACAD-1, ACAD-2, RGZ, COMM-1, COMM-2, RES-1, RES-2, and Programmed Open Spaces. The Campus Core will be where the existing New Administration Building and other buildings used for support services are located. The proposed enhancement of the avenue in the Campus Core like other avenues of UP will give the university its sense of identity and pride of place. The development of the Science and Technology Park will be pursued by increasing the area from 21 hectares as per the 1995 BOR-approved LUDIP to 25 hectares in order to comply with PEZA requirements. The relocation sites, renamed to Sitio 1 and Sitio 2 from Reloc 1 and Reloc 2, have been zoned as RES-3. Most of the non-buildable and unpaid lots of the university are found in the northwest part of the campus and have been zoned as Protected Natural Open Spaces and Programmed Open Space.

Most of the road infrastructure projects will be on the construction of new roads to improve the connectivity on campus and on the rehabilitation of roads. An improved Libot and Tiyog jeepney routes will be proposed to improve the mobility on campus. There will be ecotrails and camping grounds in line with the development of the campus into a biodiversity hub.

The development of the sites will be guided by continuing the payment of unpaid properties on campus and by finishing the land titling process.

Below are various illustrations of the proposed site development plans and proposed infrastructure and facilities plans in the Miagao campus.

6.1 Proposed Facilities Map

6-1.1 College of Fisheries and Ocean Sciences Complex

The UPV College of Fisheries and Ocean Sciences (UPV-CFOS), through the years, has been responding to the needs and challenges of the Philippines fisheries industry, in particular, and the society, in general. Through its various activities, the College has been pro-actively answering the calls for the development of expertise in the field of fisheries and aquatic sciences, through its effective curricular offerings, both in the undergraduate and graduate levels, and its research and development and public service activities.

To provide for more enabling environment for its activities, UPV-CFOS proposes this site development plan for the “CFOS Complex”, with a land area of approximately 18 ha (Figure 1). This plan includes new structures (e.g., buildings, access roads), landscaping, and renovation/retrofitting of existing building and facilities. Outside the CFOS Complex, the research stations, namely the Freshwater Aquaculture Station or FAS (in Miagao, Iloilo), the Brackishwater Aquaculture Station or BAC (in Leganes, Iloilo), and the Batan Mariculture Station or BMS (in Batan, Aklan) shall still be maintained, with possible inclusion of some satellite facilities in land grant areas across the country as sites for the public service activities of the College. There shall be, however, separate development plans for these research stations and satellite facilities.

This proposed site development plan for the “CFOS Complex”, as illustrated in the figure below, includes the following plans and projects:

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UPV MIAGAO PROPOSED SITE DEVELOPMENT FOR CFOS COMPLEX

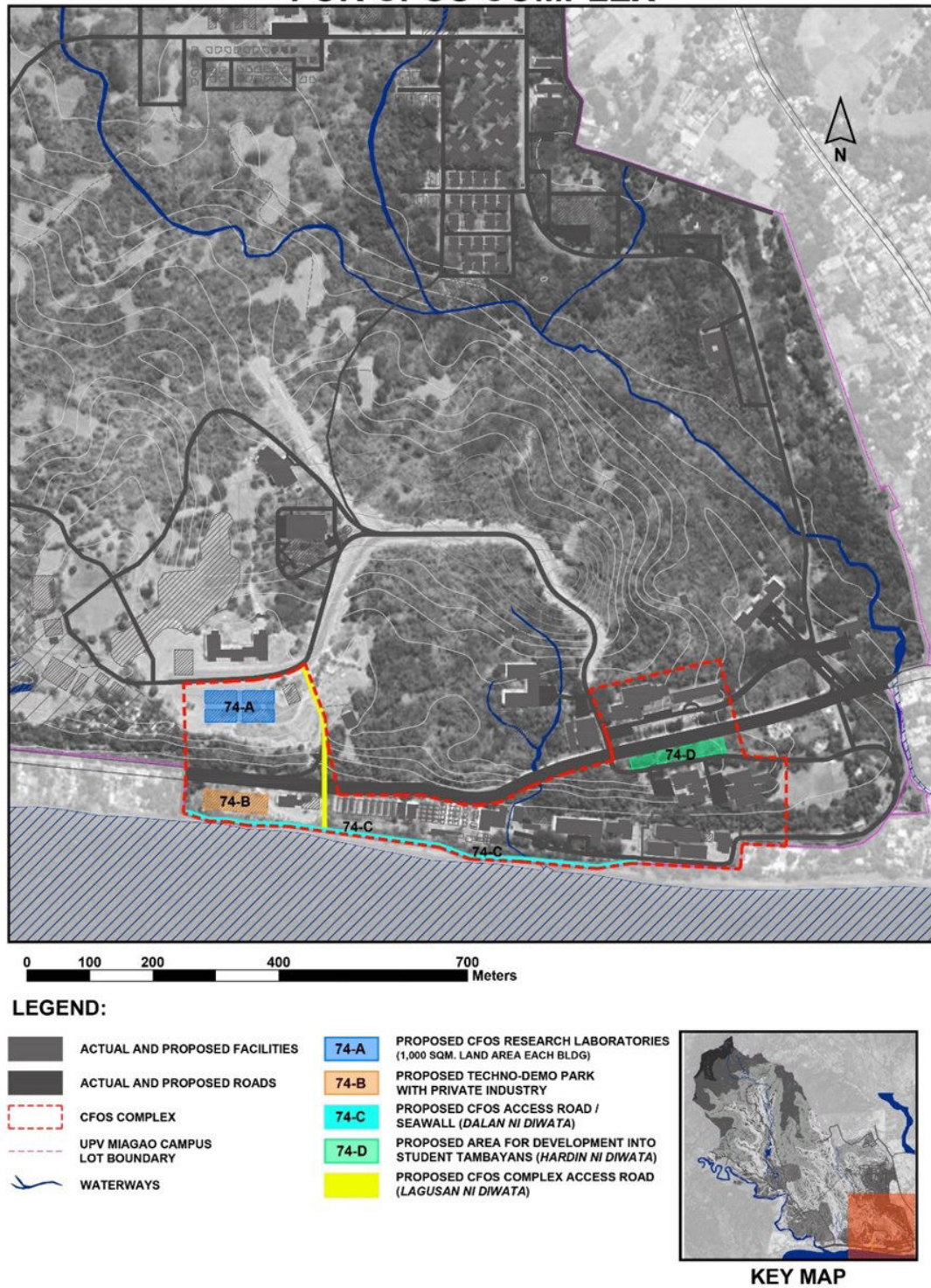


Figure 6- 1.Proposed Site Development for CFOS Complex

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Table 6-1. List of Priority Projects of the CFOS

Priority #	Plans and Projects	Brief Description	Projected Date of Implementation
1	"Dalan ni Diwata" Project	This is a 1-km coastal access road along the existing Wet and Dry Laboratories (W&D Labs) of CFOS and the Diwata Aquascape area. The project aims to: (1) protect the main power line that runs from the W&D Labs to the new academic site where the new/ planned buildings are located, (e.g., School of Technology, University Library, the Regional Research Center, and the future site of the CFOS research laboratories); (2) provide protection from tidal inundations; and (3) shield the existing teaching laboratories, hatchery facilities and the Diwata Aquascape area. This project is expected to maximize the existing facilities while providing a better appreciation of the beach front/coastal area.	2022-2023 NB: Construction of the proposed coastal access road shall only be done after a Comprehensive Feasibility Study has been conducted. The said study should take into consideration the coastal engineering aspect, the potential effect to the ecosystem and the socio-economic effect of the access road to the fishers in the area.
2	Renovation of existing facilities	This shall have 2 phases: <u>Phase 1</u> shall include the renovation of existing office, lecture rooms, laboratories, conference rooms, hall ways, and other similar facilities in the following buildings: Umali Hall, Pidlaoan Hall, and Villadolid Hall. <u>Phase 2</u> shall be done once the University Library (UL) transfers to its new building. The building that is presently being used by the UL shall be renovated / retrofitted to provide spaces for: additional classrooms, expansion of the Museum of Natural Sciences, alumni lounge, and student lounge.	2022-2023 (Phase 1) 2023-2024 (Phase 2)
3	"Hardin ni Diwata" Project	This shall include the development of the vacant space (approximate land area of 0.35 ha) in between the Umali and Pidlaoan Halls and the national road into a landscaped area. To serve as a mini-park, it shall with lined with golden shower trees, with benches to be installed to serve as the "tambayan" of student organizations as well as the site for small group discussions and activities.	2022

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Priority #	Plans and Projects	Brief Description	Projected Date of Implementation
4	Techno-Demo Farm Project	This shall include the establishment of a technology demonstration farm (approximately 0.5 ha) next to the present site of the Diwata Aquascape. This aims to maximize the utilization of the area while providing a venue for Public-Private-Community partnerships. The farm shall also be the site to showcase the new technologies generated by the CFOS research groups.	2023-2024
5	“Lagusan ni Diwata” Project	This is the access road that shall be constructed to connect the facilities of CFOS in the present W&D Labs, hatchery facilities, Diwata Aquascape, and the proposed Techno-Demo Farm to the proposed site for the new CFOS research buildings (see item #6 below). Depending on the topography of the area, the access road shall also include an overpass or a “flyover” bridge (across the national highway, for added safety) that shall connect the two sites, while providing another entry point to new academic area of the University.	2024-2025
6	CFOS Research Laboratories	<p>This is based on the expected increase in the number of research activities of CFOS researchers. With the formation of research synergy groups (either thematic or commodity-based research groups), each institute is projected to expand its activities. This shall require more laboratories and with this development, each institute shall have its own building to house the different research laboratories.</p> <p>The land areas needed for the research laboratories shall be approximately 1.6 ha. Each building shall occupy a minimum land area of approximately 1000 m², and shall have 2-4 storeys (with total floor area that ranges from 2000 m² to 4000 m²), depending on the research needs of the different institutes.</p>	2026-2028

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Table 6- 2. CFOS Long List of Projects

Mandated Functions	Programs	Project Number	Aligned Project from Long List of Projects	Project Number	Suggested/Non-Projects - Activities
	College Overall Physical/Infra Development Programs (for all Domains)	CFOS New Infra Proj. 1	Development/ Construction of Access Road to CFOS Wet and Dry Labs (Dalan ni Diwata)		
		CFOS New Infra Proj. 2	Development/ Construction of Seawall at Wet and Dry Labs		
Academic/ Teaching	CFOS Academic Physical and Instructional Development Program (NEW Program)			CFOS Non Proj Acad 001	Preparation/ crafting of academic programs for external review
	CFOS Academic Physical / Instructional Sustenance and Maintenance Program	CFOS Acad Infra Impr Proj. 1	Retrofitting/Rehabilitation of Instructional Laboratories in Buildings 2,3,4,5 (Dry Section)	CFOS Non Proj Acad 002	Drafting of other programs and activities to strengthen academic curricula (Specify)
		CFOS Acad Infra Impr Proj. 2	Retrofitting/Rehabilitation of Instructional Laboratories in Buildings 2,3,4,5 (Wet Section)	CFOS Non Proj. Acad 003	Preparation/ crafting of academic programs for external review
		CFOS Acad Infra Impr Proj. 3	Renovation of CFOS Lecture Rooms at Pidlaoan Hall	CFOS Non Proj. Acad 004	Updating/levelling up of programs and activities to strengthen academic curricula.
		CFOS Acad Infra Impr Proj. 4	Renovation of CFOS Lecture Rooms at Umali Hall	CFOS Non Proj. Acad 005	Preparation/ crafting of academic programs for external review

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Mandated Functions	Programs	Project Number	Aligned Project from Long List of Projects	Project Number	Suggested/Non-Projects - Activities
				CFOS Non Proj. Acad 006	Updating/levelling up of programs and activities to strengthen academic curricula.
				CFOS Non Proj. Acad 007	Review and revise PhD program considering different modes of implementation;
				CFOS Non Proj. Acad 008	Conduct of series of workshops for the preparation of the CFOS academic programs for IAADS and AUN-QA;

Source: 1.-CFOS-Project-Listing-and-Ranking-for-Simulation-FINAL-FILE. Xlsx, CFOS Dean's office (2021)

6.1.2 College of Management

Table 6- 3. CM Long List of Projects

Mandated Functions	Program	Project Number	Aligned Project from Long List of Projects	Project Number	Suggest Non-Projects or Activities
	College Overall Physical/Infra Development Programs (for all Domains)	MGT New Infa Proj. 1	Construction of College of Management (CM) Building, Phase I, UPV Miagao Campus	Mgt. Non Proj 1	Introduction of new programs (PhD Mgt, MURP, MM Mgt- Research Track)
				Mgt. Non Proj. 2	Program/ Course Review Performance Assessment MM Mgt- Research Track

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Mandated Functions	Program	Project Number	Aligned Project from Long List of Projects	Project Number	Suggest Non-Projects or Activities
Academic/Teaching	MGT Academic Physical and Instructional Development Program (NEW Program)	MGT Acad Infra New Proj. 2	Construction of student lounge	Mgt. Non Proj. 3	Review Selection Criteria to incorporate inclusivity and diversity in the student community
		MGT Acad Infra New Proj. 2		Mgt. Non Proj. 4	Curriculum and retention policy review; benchmarking with other institutions
		MGT Acad Infra New Proj. 2		Mgt. Non Proj. 5	Periodic conduct of tracer study among graduates
		MGT Acad Infra New Proj. 2		Mgt. Non Proj. 6	Curriculum and retention policy review; benchmarking with other institutions
	MGT Academic Physical/Instructional Sustenance and Maintenance Program	MGT Acad Infra Impr Proj. 3	Proposed Improvement Interior of Audio-Visual Room		
		MGT Acad Infra Impr Proj. 4	Improvement of College facilities rooms		
		MGT Acad Infra Impr Proj. 5	Improvement of College computer laboratories		
		MGT Acad Infra Impr Proj. 6	Improvement of IT room		

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Mandated Functions	Program	Project Number	Aligned Project from Long List of Projects	Project Number	Suggest Non-Projects or Activities
Research	MGT Research Physical Development Program (NEW Program)	MGT Re-search Infra New Proj.		Mgt. Non Proj 7	Tie-up with other colleges and funding institutions for collaborative researches
		MGT Re-search Infra Improv Proj. 7	Improve research infrastructure (Transfer to project)	Mgt. Non Proj 8	Increase access to University-funded in house research grants
Extension/ Public Service	MGT Extension/ Public Service Physical/Infra Development Program (NEW Program)	MGT Extension Infra New Proj.		Mgt. Non Proj 9	Institutionalize a one-stop shop for researchers and students of UPV-CM

Source: 2.-Mgt-Project-Listing-and-Ranking-for-Simulation-FINAL-FILE.xlsx, CM Dean's Office (2021)

6.1.3 College of Arts and Sciences

Table 6- 4. CAS Long List of Projects

Mandated Functions	Program	Project Number	Aligned Project from Long List of Projects	Project Number	Suggest Non-Projects or Activities
	College Overall Physical/ Infra Development Programs (for all Do-	CAS New Infra Proj. 1	Construction of College of Arts and Sciences (CAS) Building Phase I		
		CAS New Infra Proj. 2	Construction of CAS Resource generation office		

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Mandated Functions	Program	Project Number	Aligned Project from Long List of Projects	Project Number	Suggest Non-Projects or Activities
	CAS New Infra Proj. 3	Construct the foot bridge connecting the Tomas Fonacier Building to the area where the Zoology Shed			
	CAS New Infra Proj. 4	Construct fire exits/stairs in the Tomas Fonacier Building			
	CAS New Infra Proj. 5	Construct fire exits/stairs in the Tomas Fonacier Building			
	CAS New Infra Proj. 6	Construct the chemical and bio as well as other solid waste facilities for CAS			
	CAS New Infra Proj. 7	Assign/establish permanent office structures for COP-BIDANI, Language Program, and QA.			
	CAS New Infra Proj. 8	Install and upgrade the CAS building facilities(power, IT, water system, structure)			
	CAS New Infra Proj. 9	Construct the CAS Cafeteria			
	CAS New Infra Proj. 10	Construct the faculty lounge (Miagao and City campuses)			
	CAS New Infra Proj. 11	Construct the student lounge (Miagao and City campuses)			
	CAS New Infra Proj. 12	Construct conference rooms (Miagao and City campuses)			
	CAS New Infra Proj. 13	Construct and Build additional Parking Space for CAS			
	CAS New Infra Proj. 14	Establish the Knowledge Management Center for CAS			
	CAS New Infra Proj. 15	Establish CAS Butterfly garden			
	CAS New Infra Proj. 13	Establish CAS botanical garden			

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Mandated Functions	Program	Project Number	Aligned Project from Long List of Projects	Project Number	Suggest Non-Projects or Activities
	CAS New Infra Proj. 14	Establish the Forest theater			
	CAS New Infra Proj. 15	Construction of building that will house training rooms, research labs, and additional lecture rooms			
	CAS New Infra Proj. 16	Infra: Construct a Showcase Room			
	CAS New Infra Proj. 17	Construction of College of Arts and Sciences (CAS) Building Phase I			
Academic/Teaching	CAS Academic Physical and Instructional Development Program (NEW Program)			CAS. Non Proj 1	Assessment and Inventory of logistics and resources for (Intra and Inter) systems and processes improvement
				CAS. Non Proj 2	Streamlining University-College (Intra and Inter) systems and processes
				CAS. Non Proj 3	Allocation of funds for ICT support particularly of the marginalized students

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Mandated Functions	Program	Project Number	Aligned Project from Long List of Projects	Project Number	Suggest Non-Projects or Activities
	CAS Academic Physical/ Instructional Sustainance and Maintenance Program	CAS Acad Infra Impr Proj 18	Renovation of the Department of Chemistry College of Arts and Sciences Teaching Laboratories and equipment	CAS. Non Proj 4	Improvement of research outputs of faculty members
		CAS Acad Infra Impr Proj 19	Renovation of the Department of Chemistry College of Arts and Sciences Teaching Chemical Stock-room		
		CAS Acad Infra Impr Proj. 20	Renovation of the Department of Chemistry College of Arts and Sciences Teaching Faculty Room		
		CAS Acad Infra Impr Proj. 21	Upgrading of Multimedia Hub		
	CAS Research Physical Development Program (NEW Program)	CAS Research Infra New Proj.22	Construction of CAS Research and Learning Village		
CAS Extension/ Public Service Physical/ Infra Development Program (NEW Program)	CAS Extension Infra New Proj.			CAS. Non Proj. 5	Expansion of partnership through MOU and MOA with private sectors, Industry, NGAs and NGOS

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Mandated Functions	Program	Project Number	Aligned Project from Long List of Projects	Project Number	Suggest Non-Projects or Activities
CAS Extension/ Public Service Physical/ Infra Development Program (NEW Program)	CAS Extension Infra New Proj.			CAS. Non Proj. 6	Enhancement of UP's public service/ engagement
CAS Admin/ Support Services Development Program (NEW Program)		CAS Admin Infra New Proj. 23	Establishment of health and wellness facilities and infrastructures		Propose schemes and measure to improve health and wellness facilities and infrastructures
		CAS Admin Infra New Proj. 24	Infra: Upgrade the existing cultural hubs and museums to be at par with the state-of-the-art memory institutions in the world; updating of the collections	CAS. Non Proj. 8	Strengthening of Non-teaching staff for the availment of benefits and privileges
				CAS. Non Proj. 9	Provision of capability enhancement and training for non-teaching staff

Source: 3.-CAS-Project-Listing-and-Ranking-for-Simulation-FINAL-FILE.xlsx, CAS Dean's Office (2021)

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6.2 Resource Generation¹

UPV's large pool of economic resources with great potential for revenue generation that can support the tripartite mandate of teaching, research and extension. Resource generation refers to all efforts initiated in mobilizing and utilizing tangible assets, securing project grants, donation campaign, and establishment of operating revenues in pursuit of sourcing for funds in support of the University's future needs and activities.

This is also an opportunity for all constituents to solicit inputs on how to explore new models for resource generation per Goal 3: Optimize Use of Resources of the UP Strategic Plan 2017-2023 with the following strategic points:

1. To ensure government's long-term funding commitment and institutional support in order to preserve and protect UP's stature as the national university;
2. To ensure sustained support from UP alumni and friends;
3. To accelerate the implementation of income-generating projects; and,
4. To ensure prompt, accurate and efficient delivery of services to UP constituents and other stakeholders.

Table 6- 5. Proposed Projects for Site Development, Resource Generation Committee

College or Office	Unit	Proposed Income Generating Projects	Related Activities	Land Use Classification and Spatial Category
OVCPD	SDRP	Agro-forestry products and vermicomposting	Expand the business proposal of Green Maroon Ventures into a long-term project and integrate into the tasks of the office to generate more income and maximize resources such as an eco-tourism destination and strengthen research engagement in the university	For Resource Generation Zone

¹Source: Resource to Revenue Committee, undated. Initial results of Resource generation survey 2021. Powerpoint Presentation

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College or Office	Unit	Proposed Income Generating Projects	Related Activities	Land Use Classification and Spatial Category
	FTBI	Use of facilities, selling of packaging materials (i.e. glass bottles, vacuum plastic bags, stand-up pouches), and printing services (i.e. product sticker labels), technical services	Operation of Toll Manufacturing Facility/Agri-Aqua Makerspace	Future S&T Park
OVCA	CDMO-SWUS	Water Distribution	Sustainability and productive operations To propose Water Refilling Station	To be determined (Enterprise Hub)
OVCRE	GDP	Balay Balay Child Minding Center an extension program of the GDP; Gender and Development Training Modules for conduct; UGSAD Gender Resource Network Western Visayas	GAD related or GDP related campaign items (e.g. advocacy items); GAD Training module marketing to LGUs and agencies; inflation adjusted fees (fees have not been updated for over 10 years)	Balay-Balay Minding Center (verify future plans) - Kaunlaran Learning Center Resource Generation Zone
CAS	Language Program	Training and services requested from office	Language Training, Language Learning Materials Production, Language Review and Testing Center	Future expansion (verify) Resource Generation
	PE	Activities that generates or gives an income.	Use DPE faculty members expertise in sports and dance for training and coaching of the locals of the surrounding community.	Under Sports complex
	HumDiv	Equipment and space rental fees, studio/laboratory fees	Strengthen the fees, standardize IGP procedures	To verify DY-UP c/o CAS

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College or Office	Unit	Proposed Income Generating Projects	Related Activities	Land Use Classification and Spatial Category
CFOS	IFPT	Production and sale of fishery products, use of facilities and analytical services	Identify more mature technologies for production Tech Transfer	Future S&T – Food Innovation Hub (for verification)
CM	SEEDS-TBI	Business Incubation in ICT	Partnerships with startups- students projects	Future S&T
SOTECH	CBEP/Bamboo	Production of Laminated Bamboo Planks, and other products, Kiln Drying, Treatment and other Bamboo processing services, Bamboo planting stock production and Planning to process bamboo for fiber production	Bamboo fiber processing and production; bamboo shoot production	Bamboo Park
OTHERS	UPV-Miagao Farmer Partnership	University Gardens (Schrebergarten or Kleingarten Concept)		
	UPV-Miagao and PCA Partnership	Coco Hybrid Seed Farm in partnership with PCA		18 hectares
		Parke/Bulwagan ng Dangal at Pasalamat (Park/Museum of Distinction and Gratitude (UPV Benefactors and Honoree)		

Source: Resource to Revenue Committee, undated. Initial results of Resource generation survey 2021. Powerpoint Presentation, slides 5-13.

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6.3 Proposed Biodiversity Hub¹

The Office of the Chancellor will form a Committee to conceptualize the Biodiversity Hub project proposal. The project aims to account for the natural assets inside the campus and maximize biodiversity to enhance overall “greenness” of the university to align policies/features towards the UN Sustainable Development Goals (SDGs). This effort will create research and public service and sustainable enterprise centered on biodiversity.

Rationale for the Biodiversity Hub proposal:

- University campuses are good refugia of biological resources that could serve as a living laboratory for researchers, students and the general public in the study and conservation of these resources.
- The geographical location of the University of the Philippines Miagao Campus, Iloilo is perhaps unique among the component units of the UP system.
- The campus straddles on a wide range of habitats from the coastal area to the remaining forest cover despite the numerous infrastructure and other developments inside the property of the UP Visayas Miagao campus.
- As such, the campus has the potential to be a biodiversity hub and eco-tourism site within the region- an education-agri-aquatourism circuit leading towards the first green-university in the region.

Objectives of the Biodiversity Hub

- Account for natural (ecological) assets in campus (Biological Assets Comm)
- Maximize biodiversity to enhance over all “greenness” (sustainability approach in meeting its needs for natural resources) of University Campus via policies/ features that contribute to UN SDG underpinned by biodiversity
- Create/capitalize on these natural assets to spur research public service and sustainable enterprise (e.g. ecotourism services) centered on biodiversity
- Promote biodiversity conservation among University Stakeholders through programs and experiential learning (parks, gardens, arboreta, museums, aquascapes, nature trails; development of knowledge products/collaterals: trimedia

The proposed Biodiversity Hub will have the following components:

- Beach forest park
- Inclusion of the UPV Museum of Natural Sciences and Diwata Aquascape in the UPV Biodiversity Hub (additional component)
- Arboretum (revival) (additional component)
- Nature Park
- Constructed wetlands
- Bambusetum

¹Source: UPV Biological Assets Committee, undated. Concept note on developing the UP Miagao Campus into a biodiversity and eco-tourism hub: An education-agri-aqua-tourism circuit. Powerpoint presentation.

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UPV MIAGAO PROPOSED SITE DEVELOPMENT
OF THE BIODIVERSITY HUB

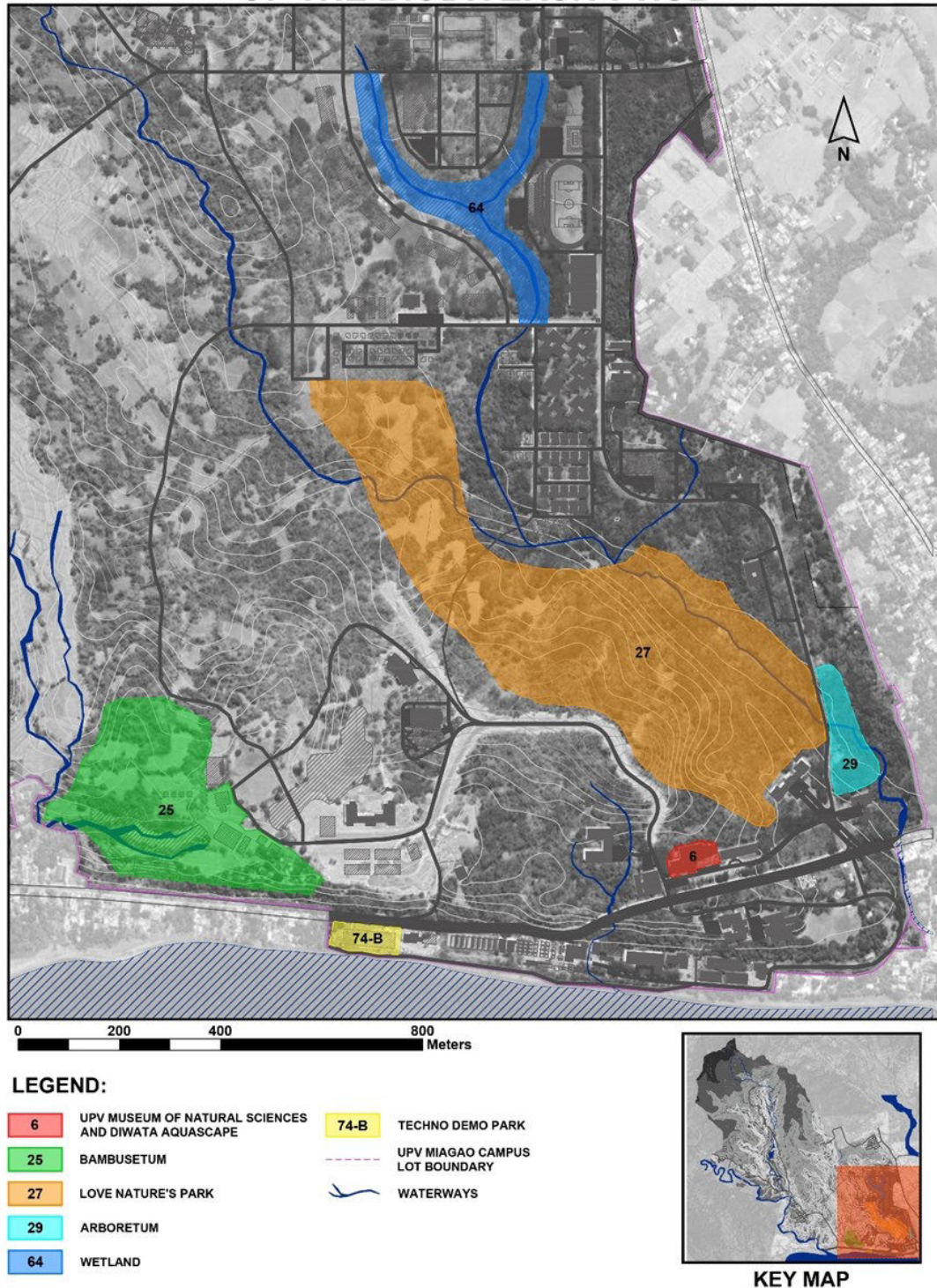


Figure 6- 2. Proposed Site Development of the Biodiversity Hub

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Table 6- 6. List of Proposed Projects of the Biological Assets Committee

No.	Plans and Projects	Brief Description and Project Objectives	Proposed Budget	Projected Date of Implementation
1	Beach Forest Park	<p>To serve as an educational site about beach forest species for enthusiasts, students, researchers, professionals;</p> <p>To serve as a field training venue for species identification, nursery establishment of beach forest species;</p> <p>To promote the various uses and functions of beach forests in relation to climate change and disaster reduction; and</p> <p>To provide a place for recreation.</p>	Php 3 Million	
2	Inclusion of the UPV Museum of Natural Sciences and Diwata Aquascape in the UPV Biodiversity Hub	<p>The incorporation of the UPV Museum of Natural Sciences (UPV-MNS) and the Diwata Aquascape to the UPV Biodiversity Hub Project offers the most strategic way of providing the aquatic ecosystem component of the proposed project.</p> <p>Equipped with the vision of becoming “a leading Natural Science Museum and a reference center for aquatic flora and fauna including terrestrial plants and animals that affect them”, and the missions.</p> <p>Objectives:</p> <p>To act as a repository unit for collections of aquatic and terrestrial organisms especially the endemic species;</p> <p>To serve as an active center for scientific and taxonomic researches of flora and fauna of the country; and</p> <p>To act as support unit to various courses in the university especially in the field of taxonomy, the infrastructure facilities and the activities of existing UPV-MNS and Diwata Aquascape are tailor-fitted to the concept of a UPV Biodiversity Hub as an education-agri-aqua-tourism circuit.</p>	Php 3.85 Million	

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No.	Plans and Projects	Brief Description and Project Objectives	Proposed Budget	Projected Date of Implementation
3	Revival of the UP Visayas Arboretum	<p>Currently, the arboretum is dominated by mahogany, gmelina, acacia, and coconut. A few trees of acacia mangium, teak tree, narra, molave, inyam, kamagong, pasi, golden shower, banaba, kapok, fire tree, and tamarind are also found.</p> <p>There is an ongoing tree inventory by the SDRP personnel for the proper updating of the trees inside the university.</p> <p>Objectives To restore the existing botanical garden into a functional arboretum; To properly nurture the trees planted inside the arboretum; and To update the tree species to be planted in the arboretum with focus on local species found inside the UPV Miagao campus.</p>	Php 5 Million	
4	Nature Park	<p>Objectives: To serve as a learning site about local biodiversity; To promote conservation and protection of local biodiversity; and To promote nature experiences and to develop landscape compatible recreation opportunities and increase environmental awareness.</p>	Php 5 Million	
5	Constructed wetlands	<p>Objectives: Generally, this project aims to construct wetlands that will address the environmental concerns of the university and contribute to the balance of nature which is beneficial to the constituents staying in the campus. Develop a centralized wastewater treatment facility in the campus; Provide a natural habitat for different species of birds and various flora and fauna; Provide a place for recreational facility and a park.</p>		

**MASTER DEVELOPMENT PLAN
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No.	Plans and Projects	Brief Description and Project Objectives	Proposed Budget	Projected Date of Implementation
6	UP Visayas Bambusetum	<p>UPV has a vast land that can be used for bamboo development projects including bambusetum, bamboo nursery, improvement of e-bamboo processing, artistic development of bamboo handicrafts, bamboo food technology, renewable energy production from bamboo culms and waste, bamboo nanotechnology, biochar and granulated activated carbon (GAC) production, and among others.</p> <p>In this regard, the implementation of a Bamboo Research Program (BRP) leading to a Bamboo Research Center (BRC) in the region establishes a centralized facility for bamboo products and a collaboration between academic institutions and the relevant government agencies.</p> <p>Objectives:</p> <ul style="list-style-type: none"> Serve as an ecological park Plant more than sixty species of bamboo Set up a nursery that will provide the necessary planting materials for bamboo plantations in the region. Provide raw materials for research activities in UP Visayas on bamboo characterization and industrial applications such as textile, food, pulp and paper, filtration systems, biofuels, nano-materials, and among others. 	PhP 60 Million	

Source: UPV Biological Assets Committee, undated. Concept note on developing the UP Miagao Campus into a biodiversity and eco-tourism hub: An education-agri-aqua-tourism circuit. Powerpoint presentation (2021).

MASTER DEVELOPMENT PLAN
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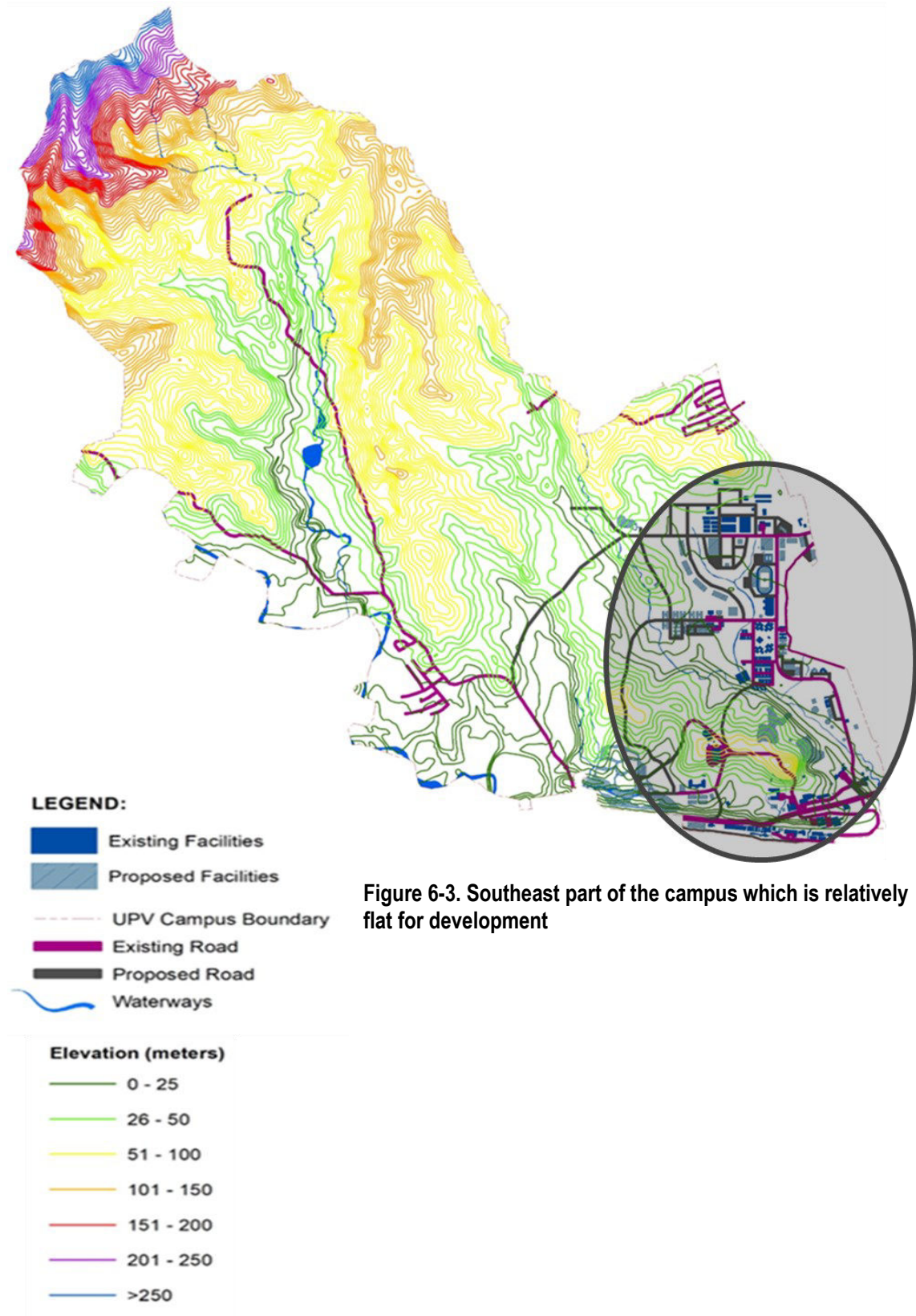


Figure 6-3. Southeast part of the campus which is relatively flat for development

MASTER DEVELOPMENT PLAN 2021-2030 MIAGAO CAMPUS

UPV MIAGAO PROPOSED FACILITIES MAP

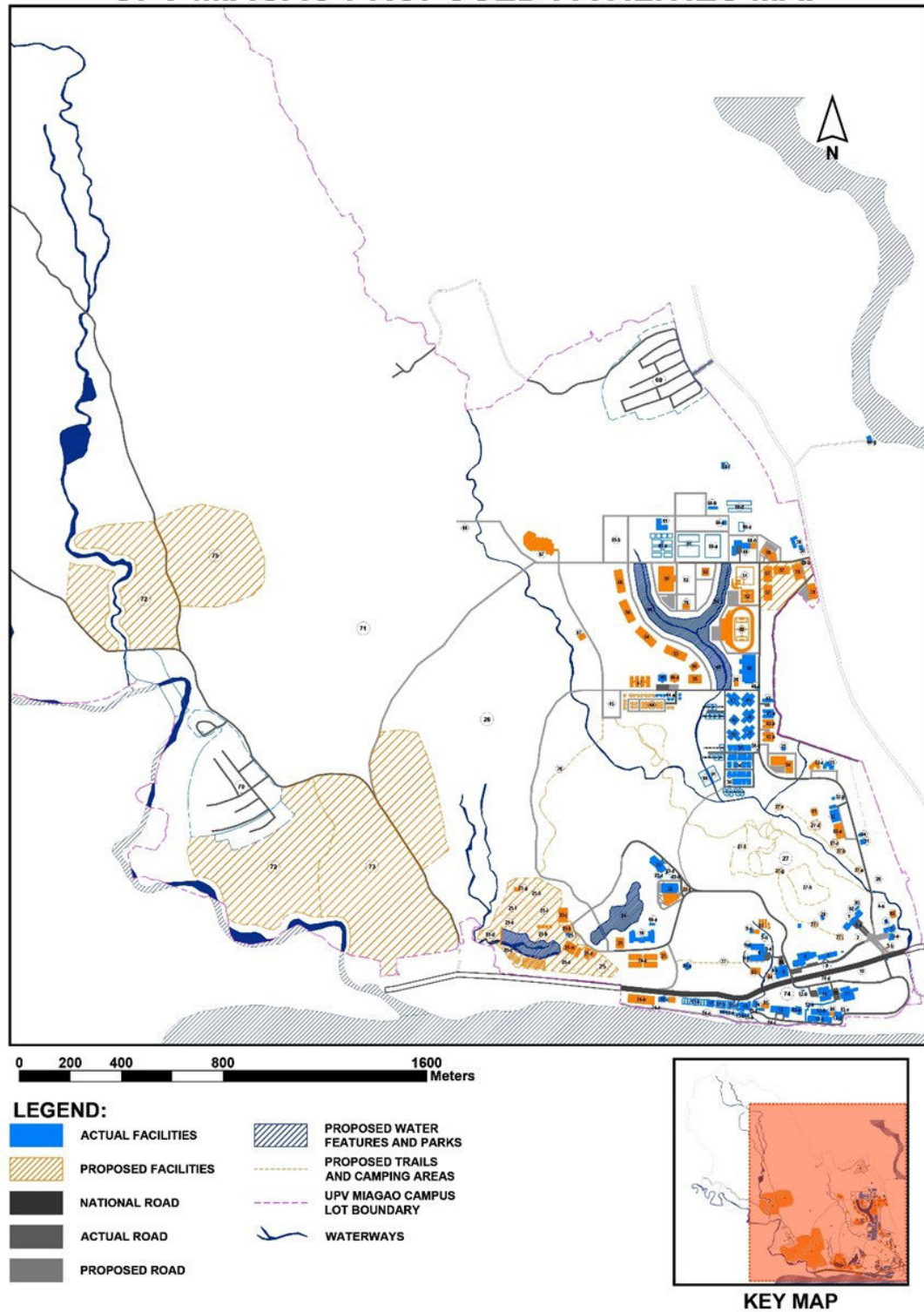


Figure 6-3a. Proposed Facilities Map

MASTER DEVELOPMENT PLAN 2021-2030 MIAGAO CAMPUS

UPV MIAGAO PROPOSED FACILITIES MAP

LEGEND:

ACTUAL

1 ADMINISTRATION BUILDING	10 CEMETERY	17 GREEN MUSSEL HATCHERY PROJECT & ALGAE CULTURE	35 BALAY-BALAY (CHILD MINDING CENTER)	60-c ILECO 1 SUB-STATION
1-a OBLATION	11 UMALI HALL (CFOS FACULTY CENTER)	17-a GREEN MUSSEL HATCHERY & ALGAE POND	36 UP STAFF HOUSING	60-d SETTLING TANK
2 CHANCELLOR'S PARK	12 PIDLAON HALL (CFOS AUDIO VISUAL HALL AND CLASSROOMS)	17-b MULTI-SPECIES HATCHERY POND	36-a WAITING SHED	60-e RAPID SAND FILTER
3 COLLEGE OF MANAGEMENT (SCHOOL OF TECHNOLOGY BUILDING)	12-a HUNDRED STEPS	18 DIWATA AQUASCAPE	37 BALAY LAMPIONG	60-f RESERVOIR 101
3-a COLLEGE OF MANAGEMENT BUILDING	12-b POWER HOUSE II	19 SCHOOL OF TECHNOLOGY BUILDING TRANSFORMER PAD, GEN SET ROOM, CHEM WASTE STORAGE, SHOP ROOM	38 BALAY APITONG	60-g COLLECTOR WELL
3-b GUARD HOUSE	13 UPV-CFOS WET LABORATORIES BUILDING 1	19-a CELL SITE	39 BALAY GUMAMELA	64 WETLAND / BUFFER ZONE
4 REFORESTATION PROGRAM BLDG	13-a UPV-CFOS WET LABORATORIES BUILDING 2	21-a CELL SITE	40 BALAY KANLAON	65 FRESH WATER AQUACULTURE STATION
4-a PLANT NURSERY	13-b UPV-CFOS WET LABORATORIES BUILDING 3	22 MAIN LIBRARY	41 BALAY MADYA-AS	65-a FISH PONDS
5 VILLADOLID HALL	13-c UPV-CFOS WET LABORATORIES BUILDING 4	22-b TRANSFORMER PAD	42 COMMON DINING HALL	68 MUSCOVADO SUGARMILL HERITAGE SITE
6 OLD UNIVERSITY LIBRARY & MUSEUM	13-d UPV-CFOS WET LABORATORIES BUILDING 5	22-c SEWAGE TREATMENT PLANT	43 BALAY MIAGOS - 1	69 SITIO 2
7 DIWATA STATUE	13-e SECURITY BOX	23 REGIONAL RESEARCH CENTER	43-a BALAY MIAGOS - 2	70 SITIO 1
8 COLLEGE UNION BUILDING	13-f TRANSFORMER PAD	23-a POWERHOUSE	44-a BAMBOO HOUSING	88 CUB PARKING AREA
8-a BOWLING ALLEY/OFFICES	14 MULTI-PURPOSE BUILDING	28 CELL SITE	46 STAFF & FACULTY HOUSING	89 CFOS PARKING AREA
9 TOMAS FONACIER BUILDING (CAS)	15 HATCHERY	29 ARBORETUM	48 COVERED COURT	90 MATURATION POND
9-a CAS COOPERATIVE CENTER/ COOP STORE	15-a GUARD HOUSE	31 SECURITY SERVICE & FIRE STATION	48-a GUARD HOUSE	91 FACULTATIVE POND
9-b STUDY NOOK (CAS PARK)	15-b PONDS	32 INFIRMARY	48-b GUARD HOUSE	92 POWERHOUSE
9-c ANATOMY LAB	15-c WASTE SEDIMENTATION POND	32-b GUARD HOUSE	58 ACADEMIC CLASSROOM ANNEX	93 FILE STORAGE
9-d MARINE BIO-LAB ANNEX	15-d WASTE SEDIMENTATION POND	33 EXECUTIVE HOUSE - 1	60 PHYSICAL PLANT OFFICE	94 FILE STORAGE
9-e CHEMISTRY JARDINIERE	16 FISHERIES TECHNOLOGY BUSINESS INCUBATOR BLDG		60-b ELEVATED WATER TANK	

PROPOSED

20 FOOD INNOVATION HUB	25-m FUNCTION HALL	34 UNIVERSITY HOTEL	60-h NETWORK OPERATIONS CENTER	77 CAS-MAIN LIBRARY BIKE AND PEDESTRIAN TRAIL
21 UPV COMPUTER CENTER	25-n ADMIN, GUEST HOUSE, & ELECT/UTILITY ROOM	43-b BALAY MIAGOS 3 & 4	61 FUTURE EXPANSION FOR COMMUNITY SERVICES 2	78 LIBOT-TIYOG TERMINAL
22-a CARILLON TOWER	26 AREA FOR RENEWABLE ENERGY	44 BAMBOO VILLAGE	62 UPV DEPARTMENT OF MILITARY SCIENCE AND TACTICS	79 STP CLUSTER 1
24 LAGOON / WATER COLLECTION	27 LOVE NATURE'S PARK	45 FUTURE EXPANSION FOR STUDENT DORMITORY	63 OPEN SPACE FOR PARKS OR LANDSCAPE	80 COLLECTION CHAMBER CLUSTER 1
25 BAMBUSETUM	27-a LOVE NATURE'S PARK STATION 1 - ORIENTATION FACILITIES	46-a FUTURE EXPANSION FOR STAFF & FACULTY HOUSING	65-b FUTURE EXPANSION FOR THE FRESH WATER AQUACULTURE STATION	81 STP CLUSTER 2
25-a ORNAMENTAL BAMBOO GARDEN	27-b LOVE NATURE'S PARK STATION 2	47 INTERNATIONAL DORMITORY	66 COLLEGE OF FISHERIES AND OCEAN SCIENCES	82 STP CLUSTER 3
25-b BAMBOO PARK AND MUSEUM	27-c ECO-THEATER	49 SPORTS CENTER	67 REFLECTION CENTER	83 STP CLUSTER 4
25-c GIANT BAMBOO WALKWAY	27-d CAMP SITE	50 WATER SPORTS FACILITY	71 BAMBOO FARM	84 COLLECTION CHAMBER CLUSTER 4
25-d RUNNING FOREST	27-e LOVE NATURE'S PARK STATION 3 (CANOPY WALK)	51 BASEBALL / SOFTBALL	72 COCO SEED GARDEN	85 STP CLUSTER 5
25-e MOSO FOREST	27-f GREAT OUTDOORS	52 TENNIS COURT	73 SCIENCE AND TECHNOLOGY PARK	86 COLLECTION CHAMBER CLUSTER 5
25-f GIANT FOREST	27-g LOVE NATURE'S PARK STATION 4	53 COLLEGE OF ARTS & SCIENCES	74 COLLEGE OF OCEAN FISHERIES COMPLEX	87 MATERIAL RECOVERY FACILITY
25-g E-BAMBOO SHOP	27-h AIR SOFT CAMP	54 FUTURE EXPANSION FOR ACADEMIC BUILDING	74-a CFOS RESEARCH LABORATORY	95 RESEARCH AND LEARNING VILLAGE
25-h BAMBOO PLANTATION	27-i LOVE NATURE'S PARK STATION 5 (VIEWING DECK)	55 AMPHITHEATER	74-b TECHNO-DEMO PARK W/ PRIVATE INDUSTRY	96 OFFICE OF THE UNIVERSITY REGISTRAR BUILDING
25-i BAMBUA FOREST	27-j EXIT POINT	56 COLLEGE OF MANAGEMENT	74-c DALAN NI DIWATA (CFOS WETLAB ACCESS ROAD/SEAWALL)	
25-j ACTIVITY CENTER	30 CENTER FOR ANIMAL RELATED SERVICES	57 ENTERPRISE COMMUNITY HUB	74-d HARDIN NI DIWATA (FUTURE EXPANSION FOR STUDENT TAMBAYANS)	
25-k TISSUE CULTURE	32-a INFIRMARY EXTENSION	59 CULTURAL CENTER	75 UNIVERSITY GARDEN	
25-l NURSERY	33-a EXECUTIVE HOUSE - 2	60-a FUTURE EXPANSION FOR PPO (CDMO)	76 STUDENT DORM-MAIN LIBRARY BIKE TRAIL	

MASTER DEVELOPMENT PLAN 2021-2030 MIAGAO CAMPUS

UPV MIAGAO PROPOSED FACILITIES MAP

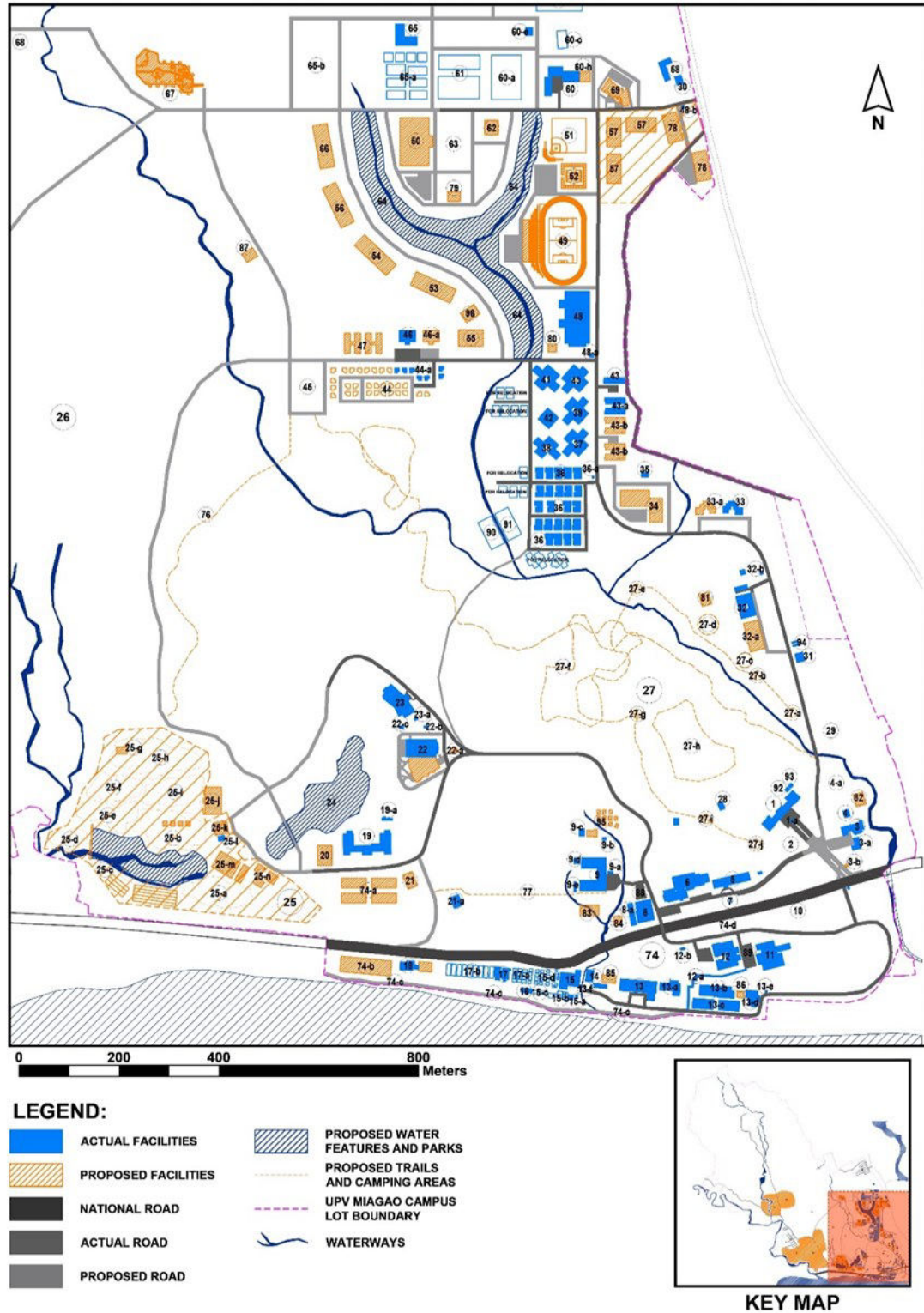


Figure 6-4. Proposed Facilities Map- Campus Core

MASTER DEVELOPMENT PLAN 2021-2030 MIAGAO CAMPUS

UPV MIAGAO PROPOSED FACILITIES MAP

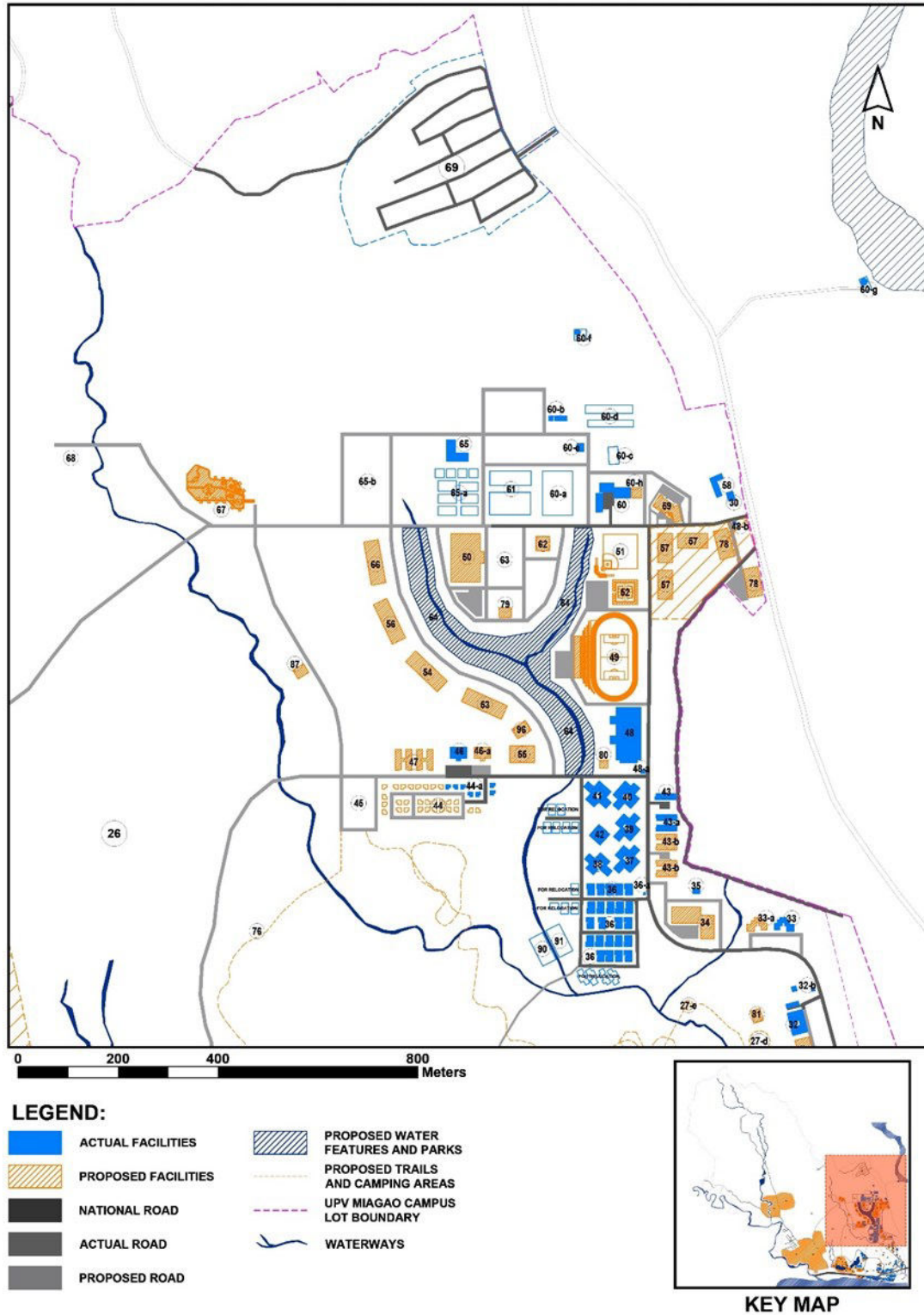


Figure 6-5. Proposed Facilities Map- North Section of the Campus Core

MASTER DEVELOPMENT PLAN 2021-2030 MIAGAO CAMPUS

PROPOSED UPV MIAGAO BUILDING USES MAP

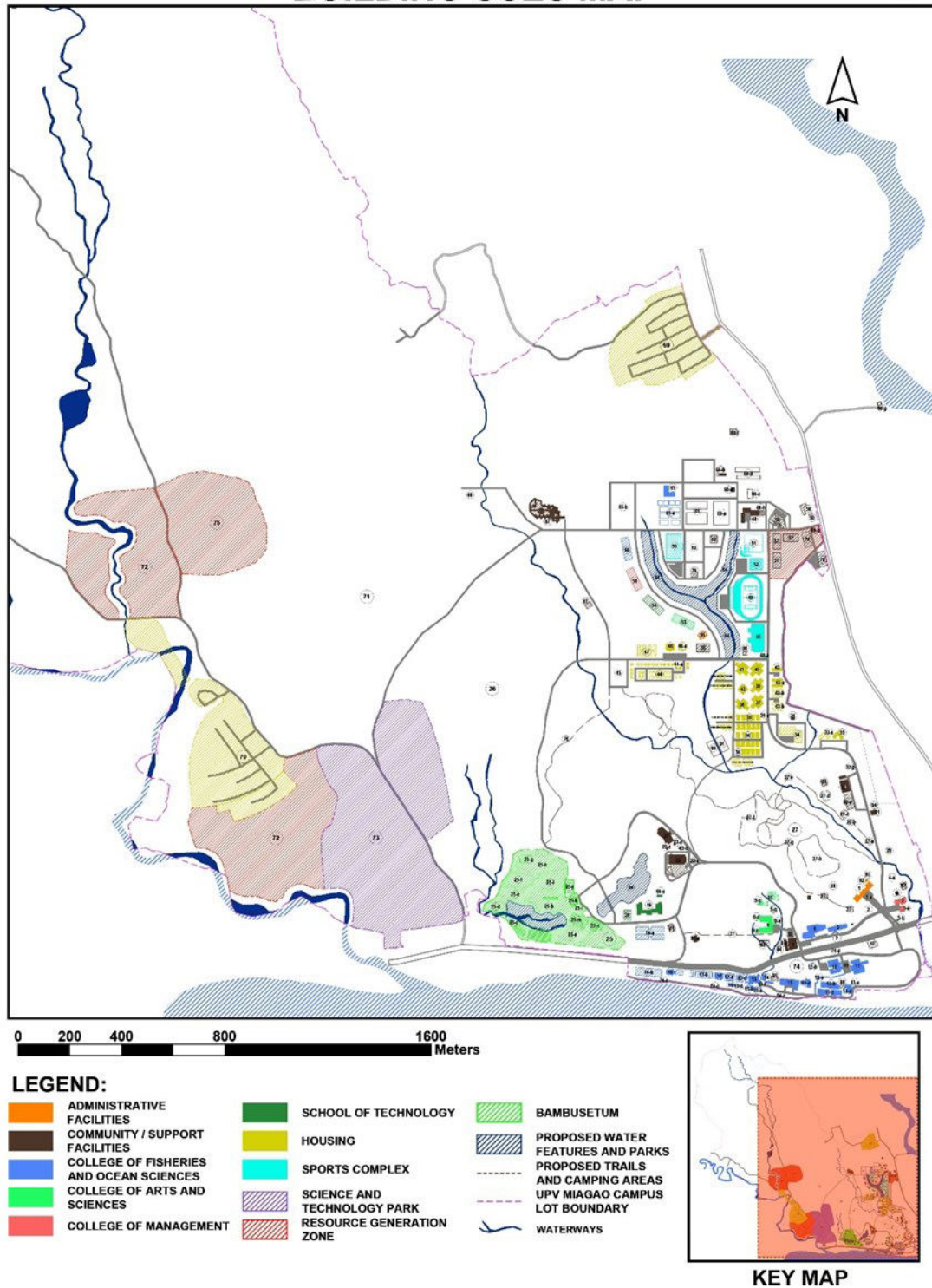


Figure 6-7. Proposed Building Uses Map

**MASTER DEVELOPMENT PLAN
2021-2030
MIAGAO CAMPUS**

UPV MIAGAO PROPOSED FACILITIES MAP

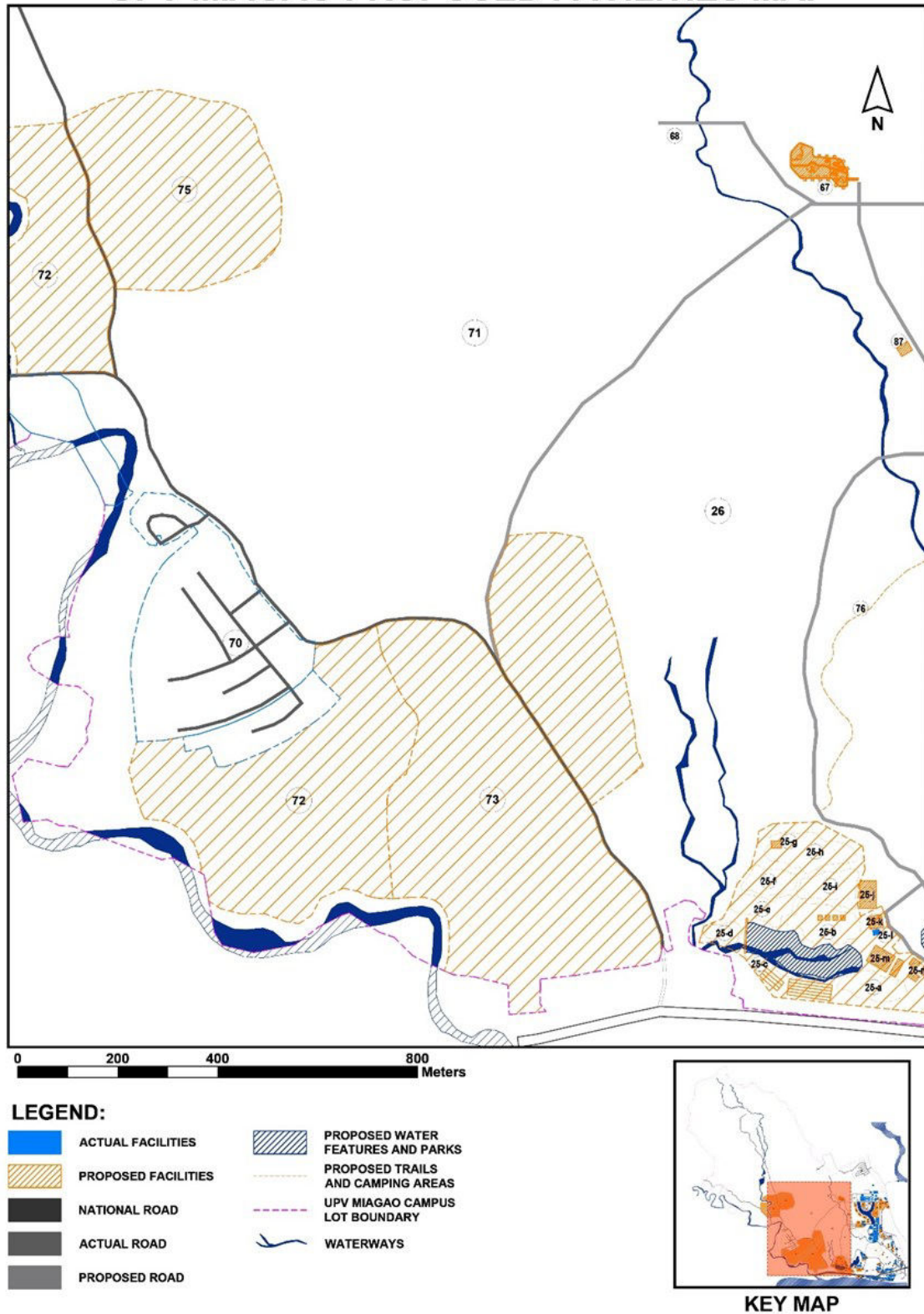


Figure 6-6. Proposed Facilities Map- West Section of the Campus Core

MASTER DEVELOPMENT PLAN 2021-2030 MAGAO CAMPUS

PROPOSED UPV MAGAO BUILDING USES MAP

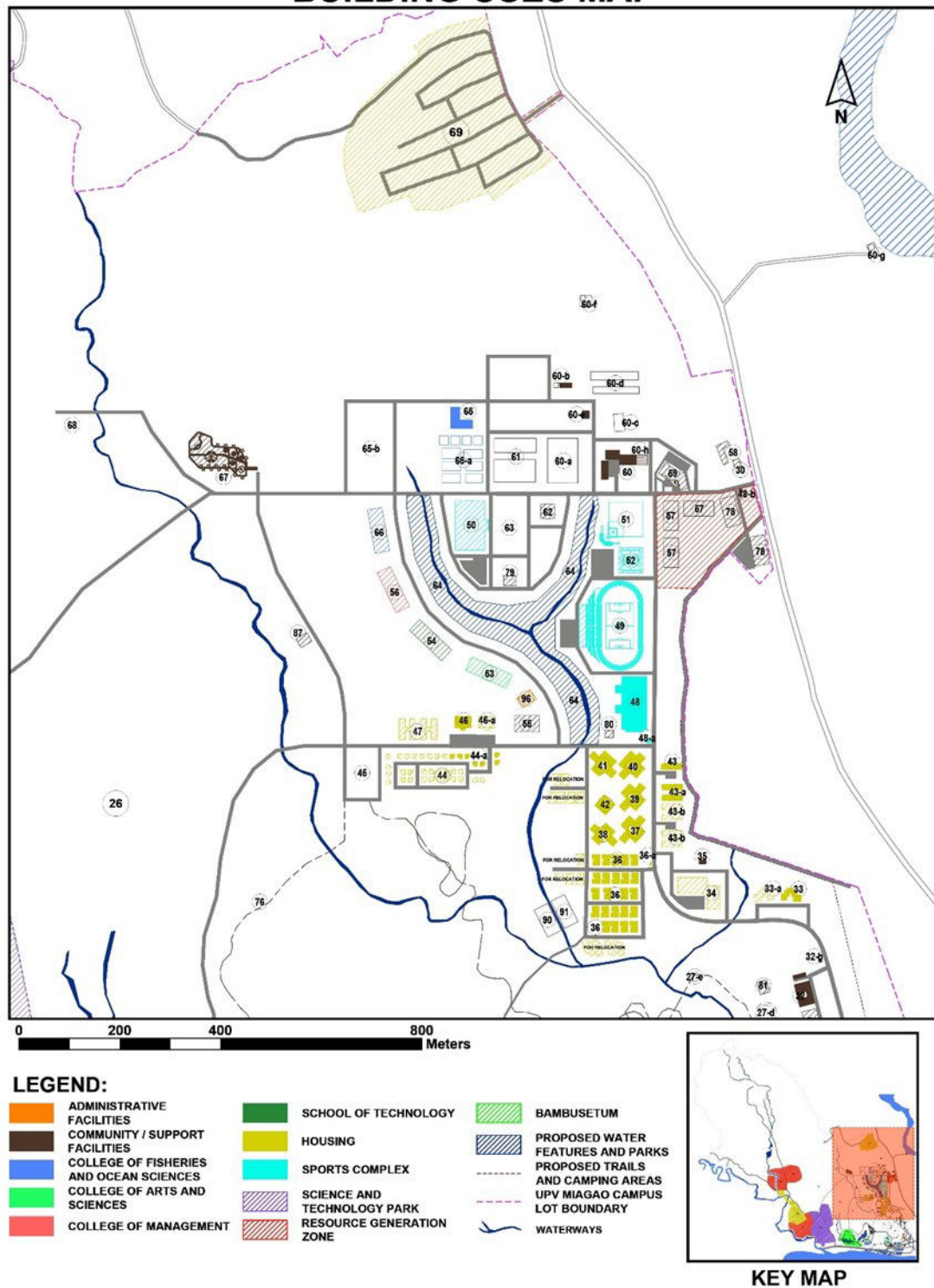


Figure 6-8. Proposed Building Uses Map – North Section of the Campus Core

**MASTER DEVELOPMENT PLAN
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MIAGAO CAMPUS**

**PROPOSED UPV MIAGAO
BUILDING USES MAP**

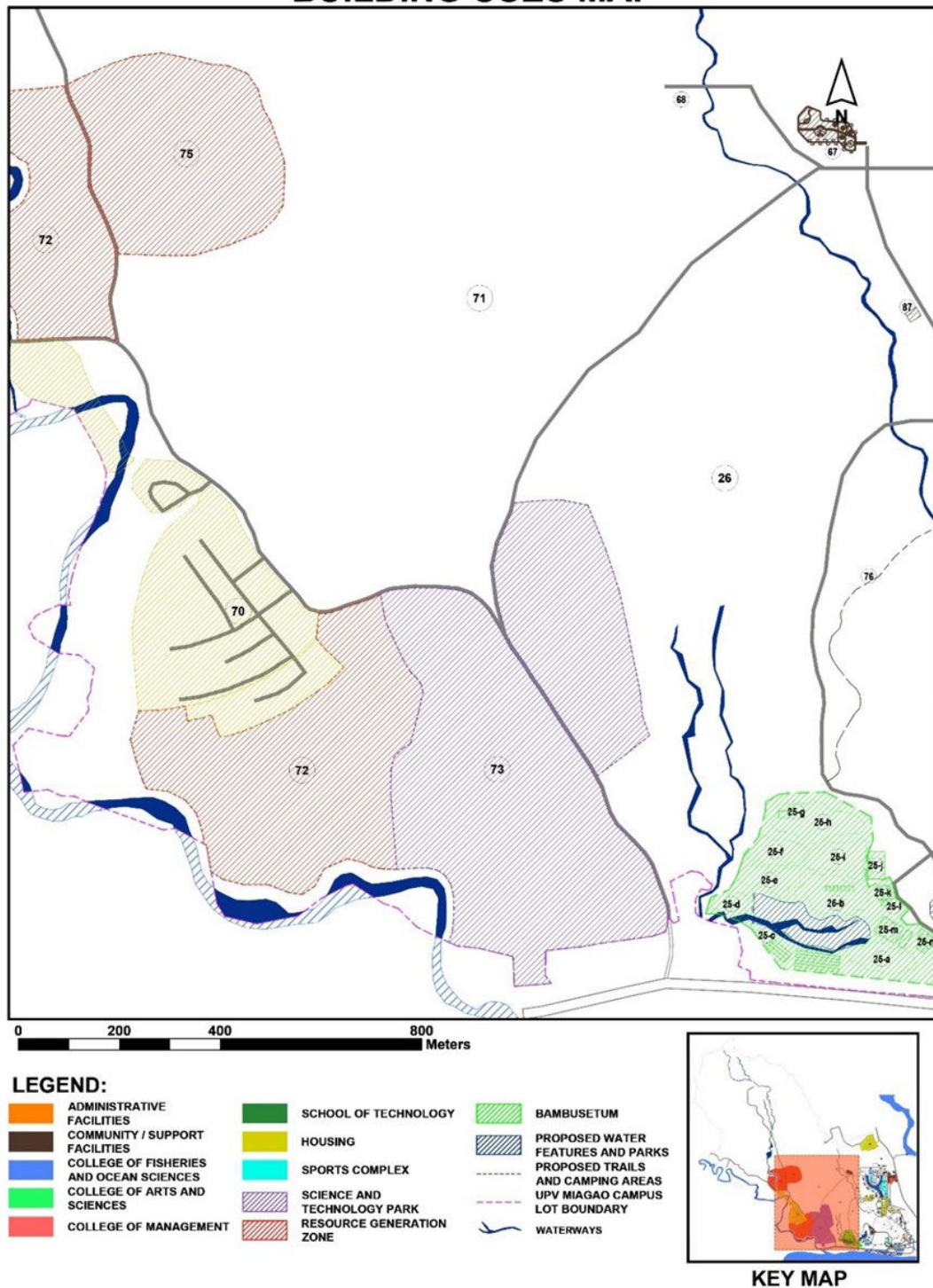


Figure 6-9. Proposed Building Uses Map – West Section of the Campus Core

MASTER DEVELOPMENT PLAN
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PROPOSED UPV MIAGAO
DEVELOPMENT ACTION PLAN MAP

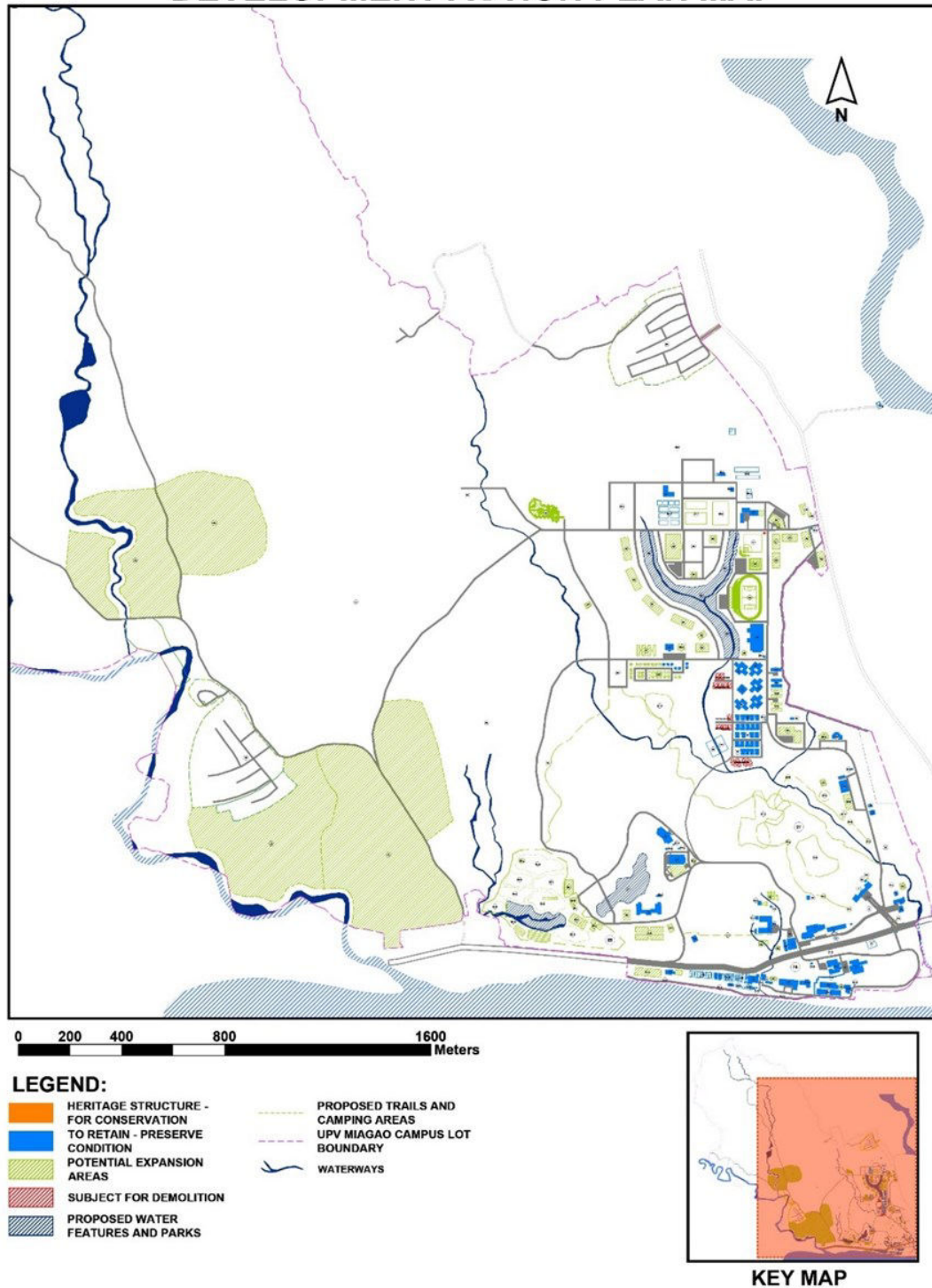


Figure 6-10. Proposed Development Action Plan Map

MASTER DEVELOPMENT PLAN 2021-2030 MIAGAO CAMPUS

PROPOSED UPV MIAGAO DEVELOPMENT ACTION PLAN MAP

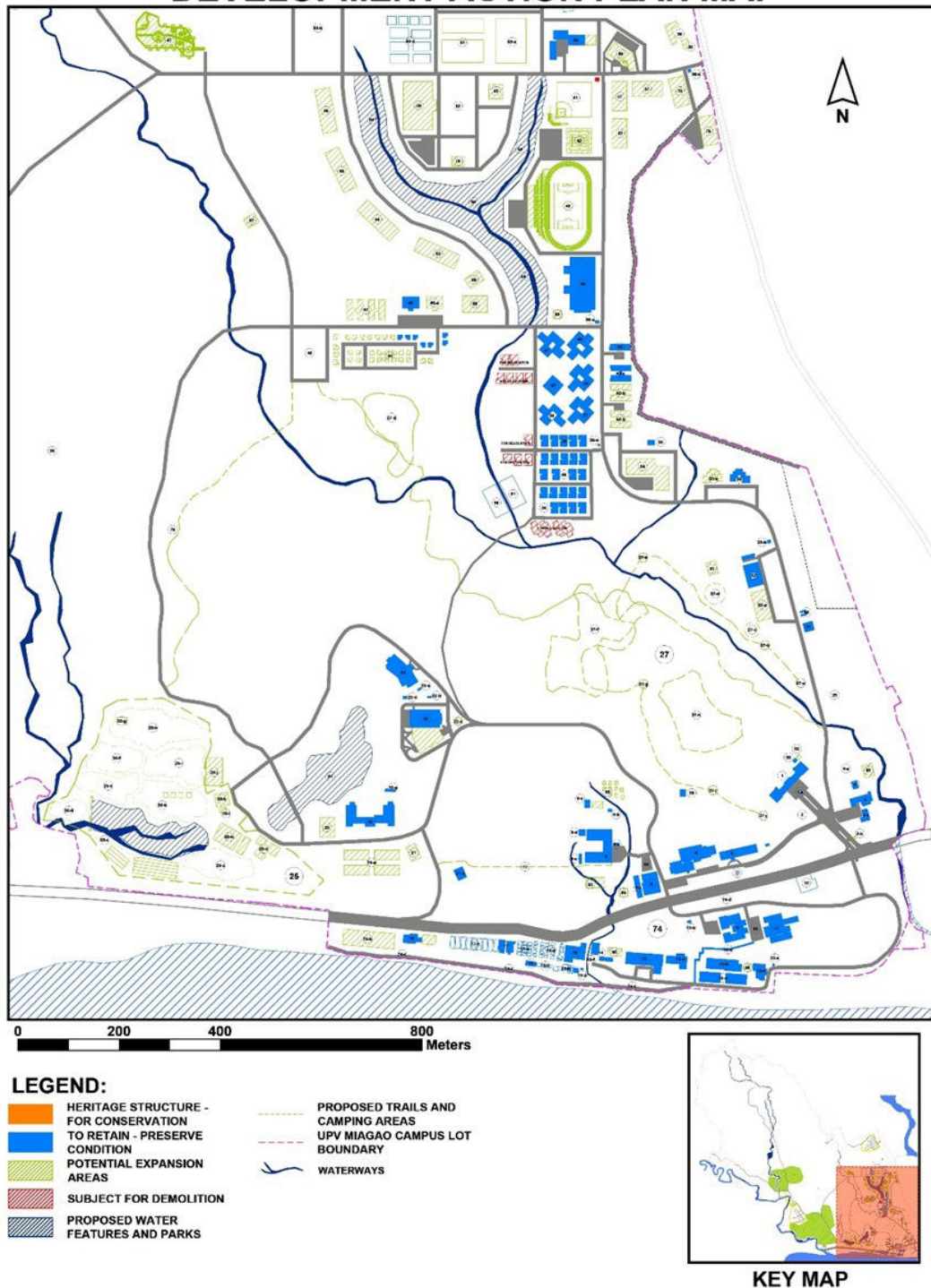


Figure 6-11. Proposed Development Action Plan Map – Campus Core

MASTER DEVELOPMENT PLAN 2021-2030 MIAGAO CAMPUS

PROPOSED UPV MIAGAO DEVELOPMENT ACTION PLAN MAP

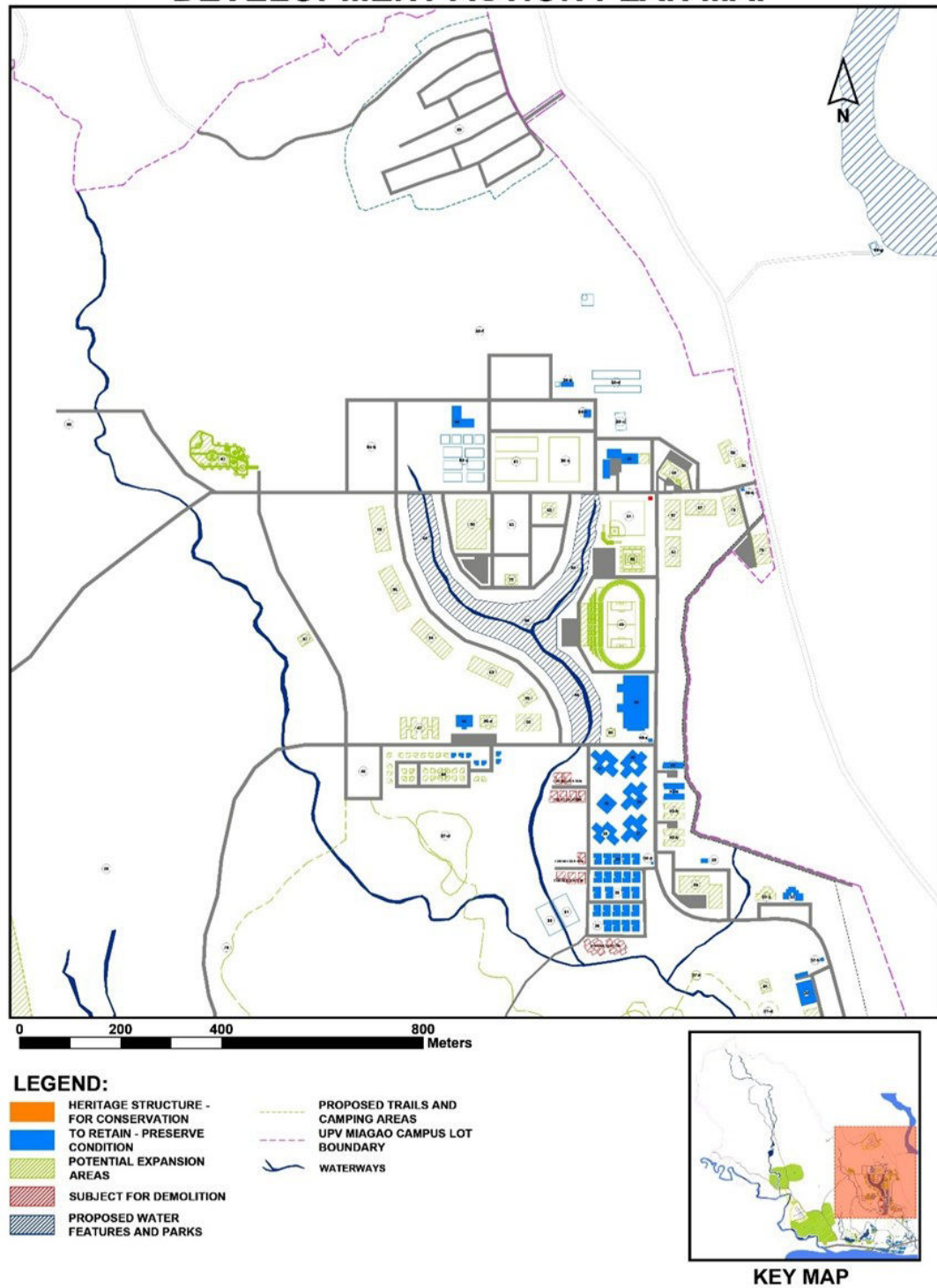


Figure 6-12. Proposed Development Action Plan Map – North Section of the Campus Core

**MASTER DEVELOPMENT PLAN
2021-2030
MIAGAO CAMPUS**

**PROPOSED UPV MIAGAO
DEVELOPMENT ACTION PLAN MAP**

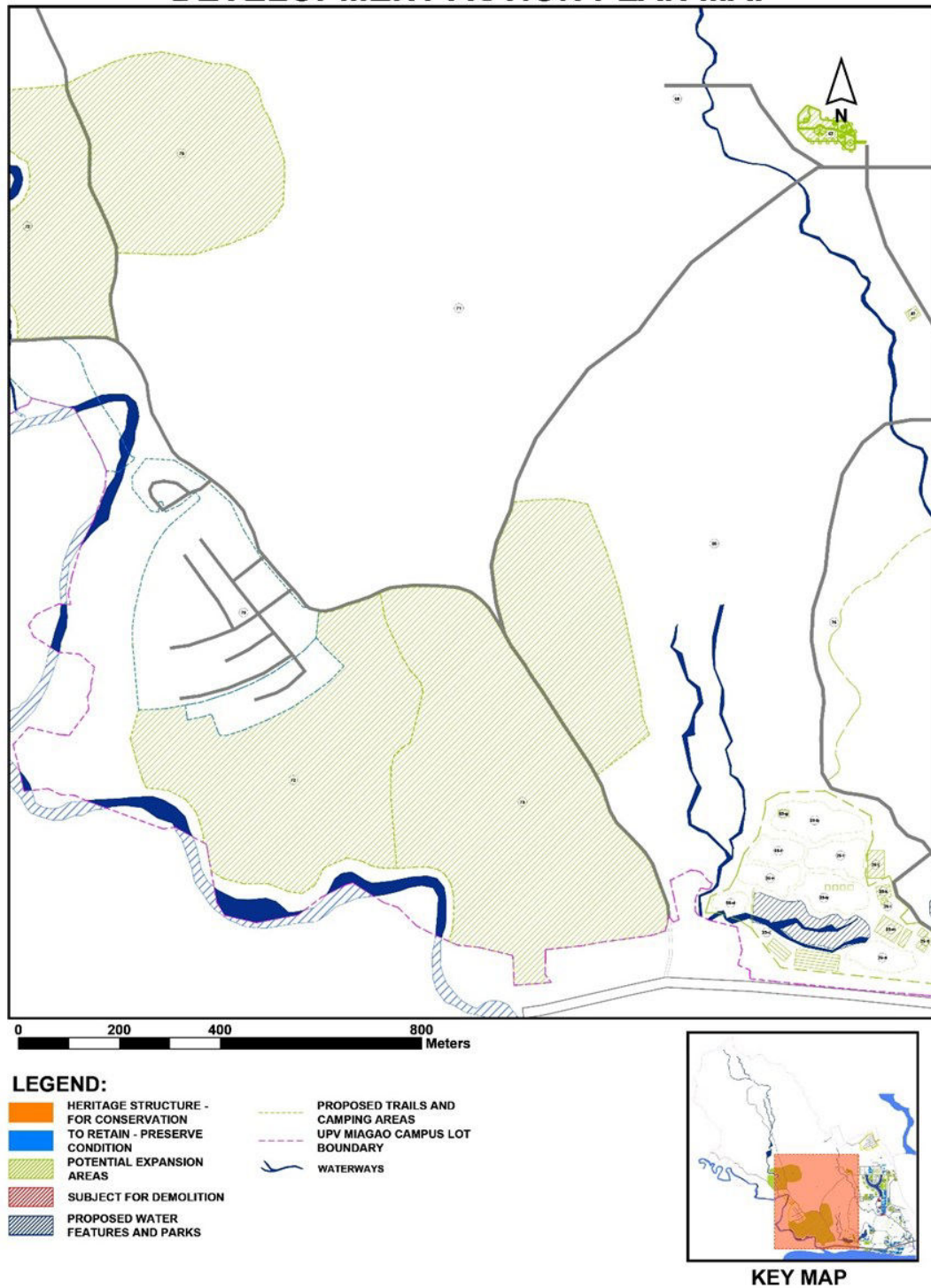


Figure 6-13. Proposed Development Action Plan Map – West Section of the Campus Core

MASTER DEVELOPMENT PLAN
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PROPOSED UPV MIAGAO
LANDSCAPE AND OPEN SPACES MAP

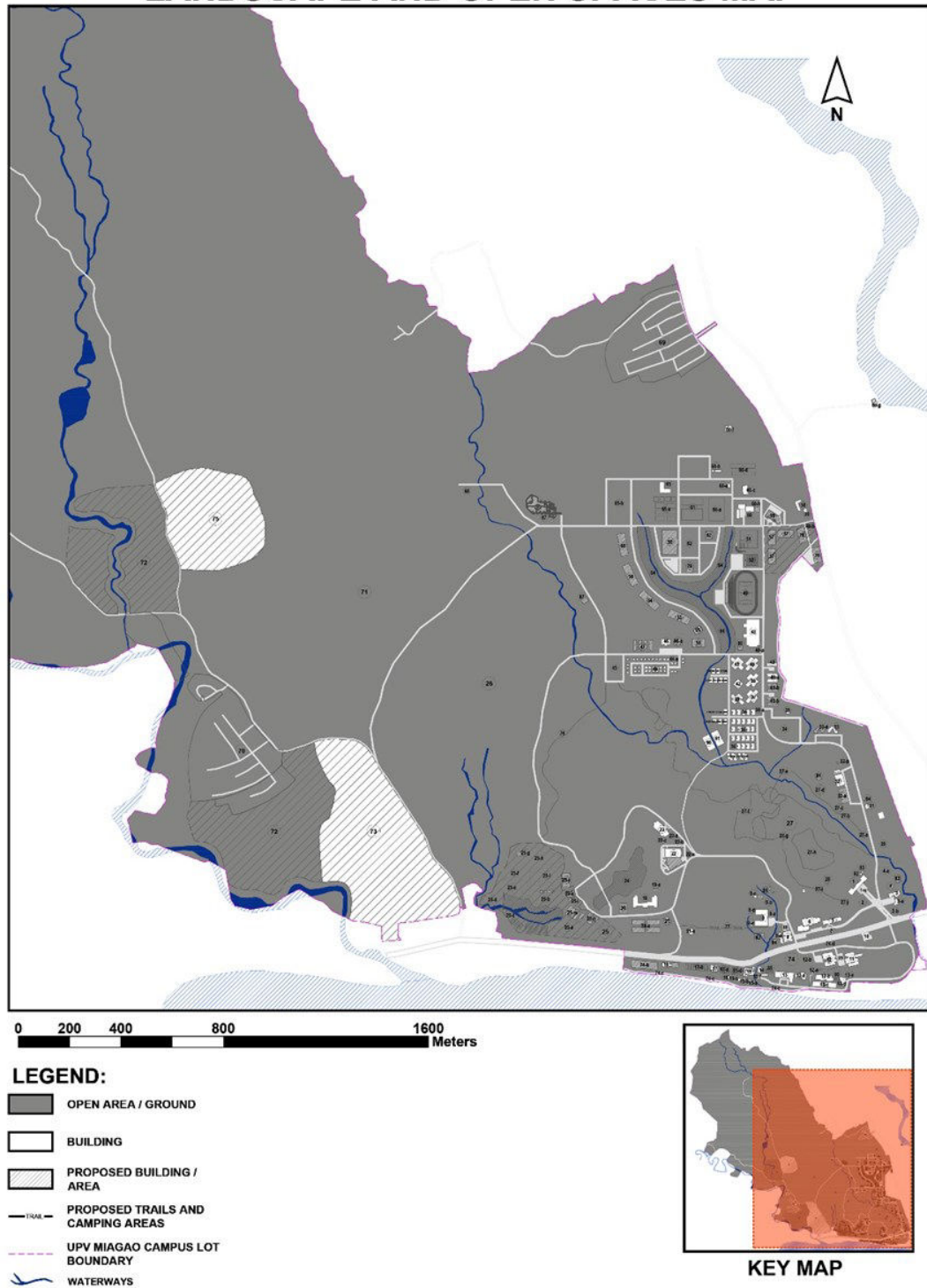


Figure 6-14. Proposed Landscape and Open Spaces Map

MASTER DEVELOPMENT PLAN 2021-2030 MIAGAO CAMPUS

PROPOSED UPV MIAGAO LANDSCAPE AND OPEN SPACES MAP

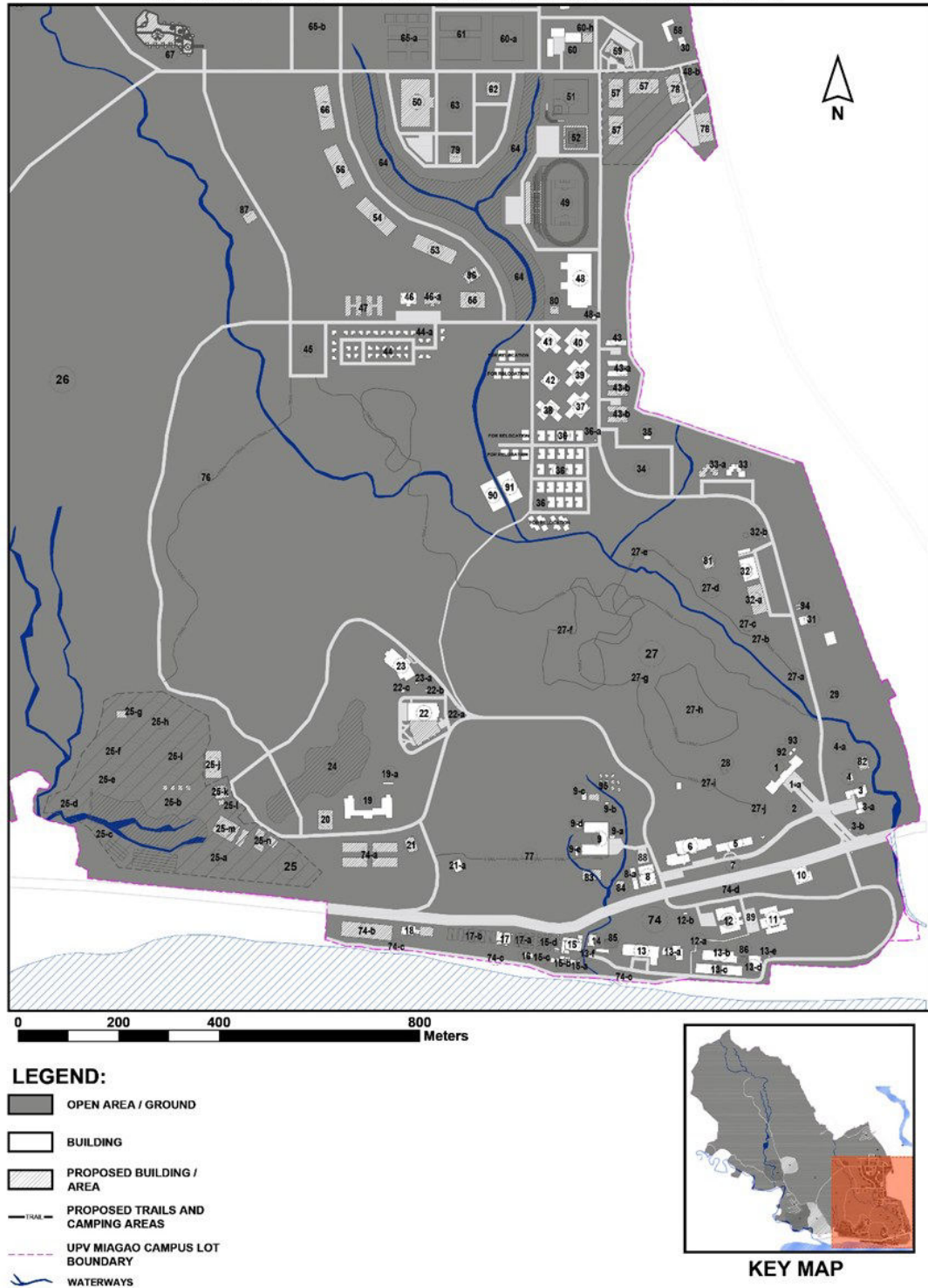


Figure 6-15. Proposed Landscape and Open Spaces Map – Campus Core

MASTER DEVELOPMENT PLAN 2021-2030 MIAGAO CAMPUS

PROPOSED UPV MIAGAO LANDSCAPE AND OPEN SPACES MAP

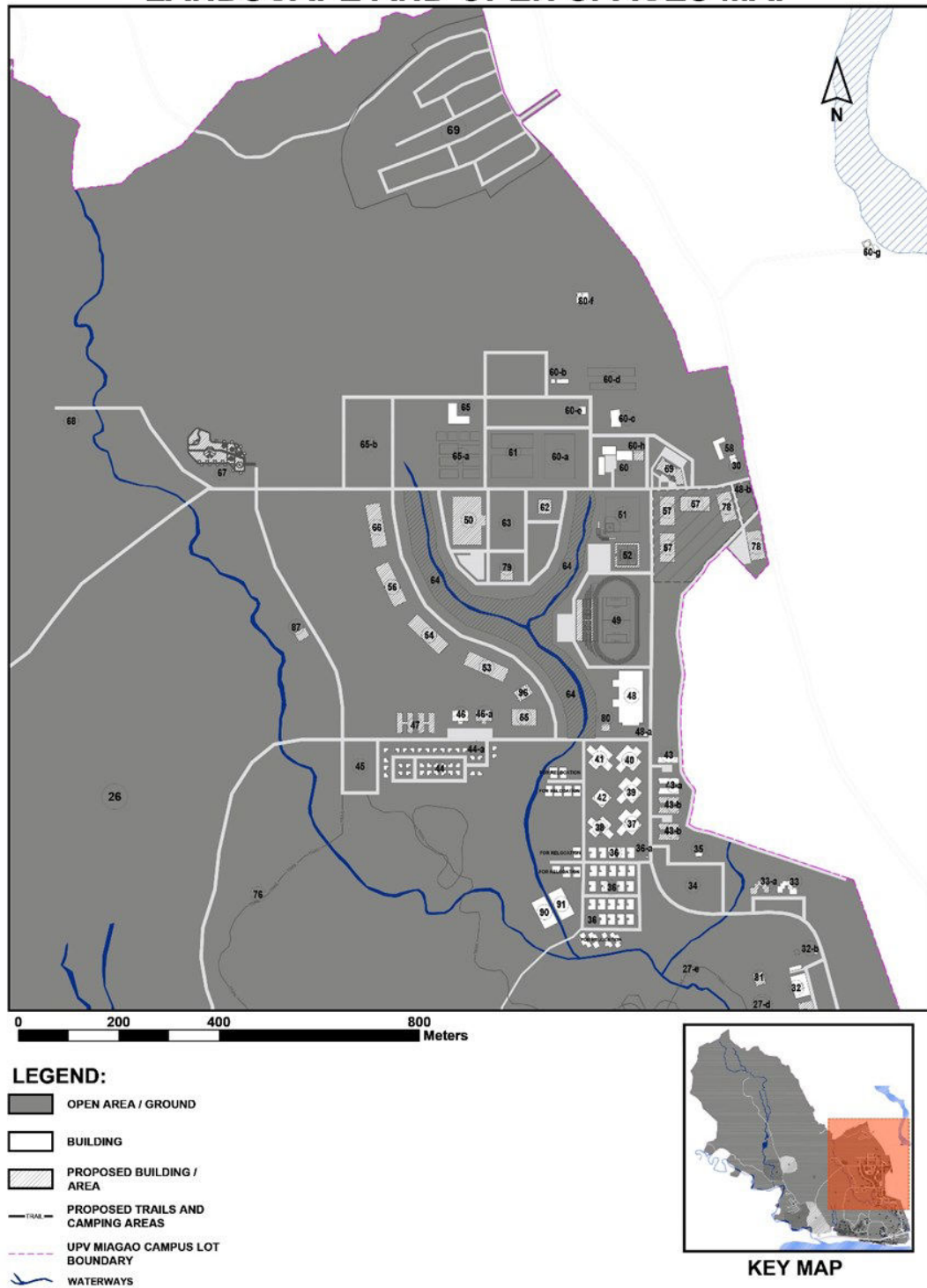


Figure 6-16. Proposed Landscape and Open Spaces Map – North Section of the Campus Core

**MASTER DEVELOPMENT PLAN
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MIAGAO CAMPUS**

**PROPOSED UPV MIAGAO
LANDSCAPE AND OPEN SPACES MAP**

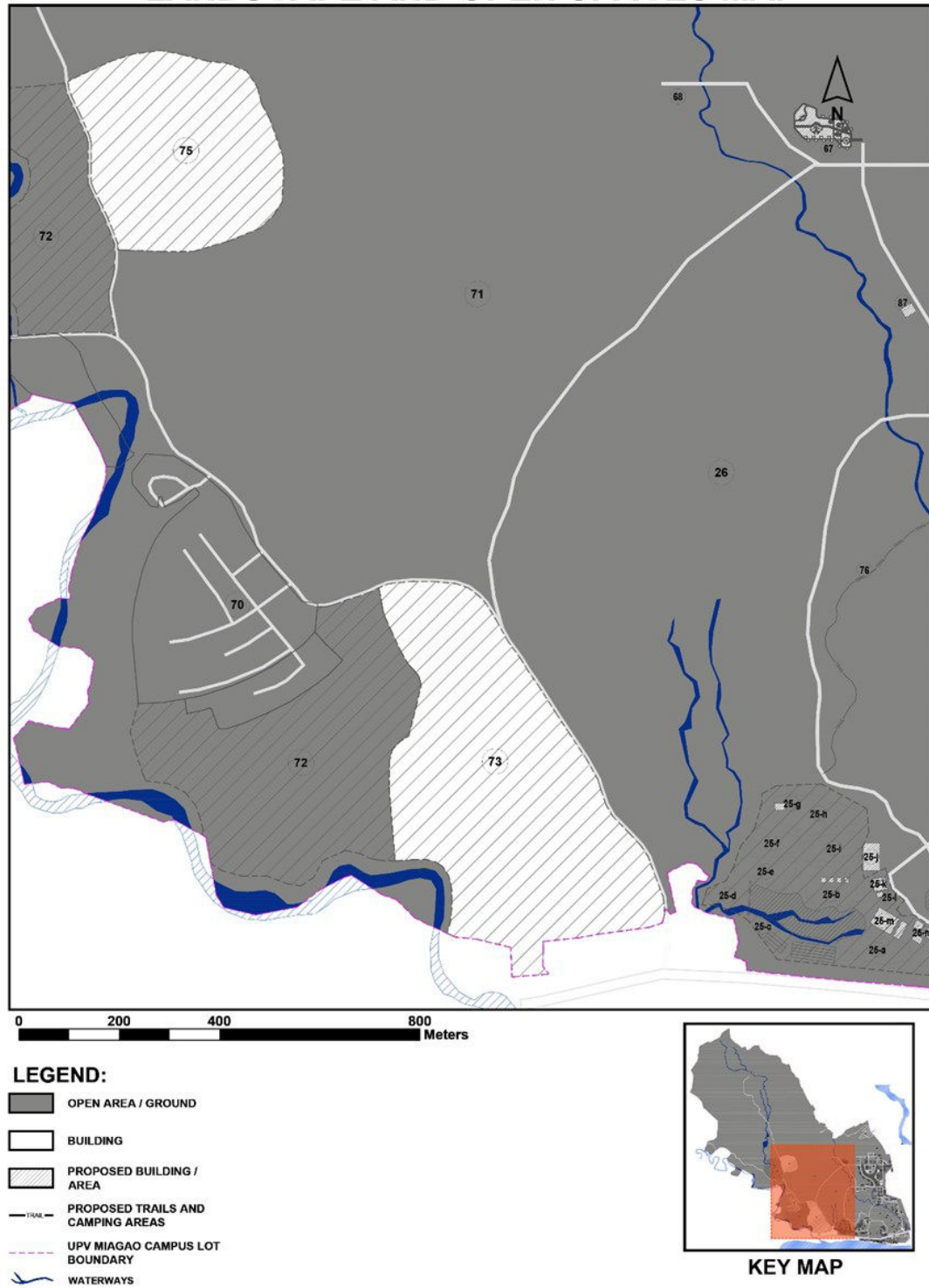


Figure 6-17. Proposed Landscape and Open Spaces Map- West Section of the Campus Core

MASTER DEVELOPMENT PLAN 2021-2030 MIAGAO CAMPUS

PROPOSED UPV MIAGAO GATE ACCESS MAP

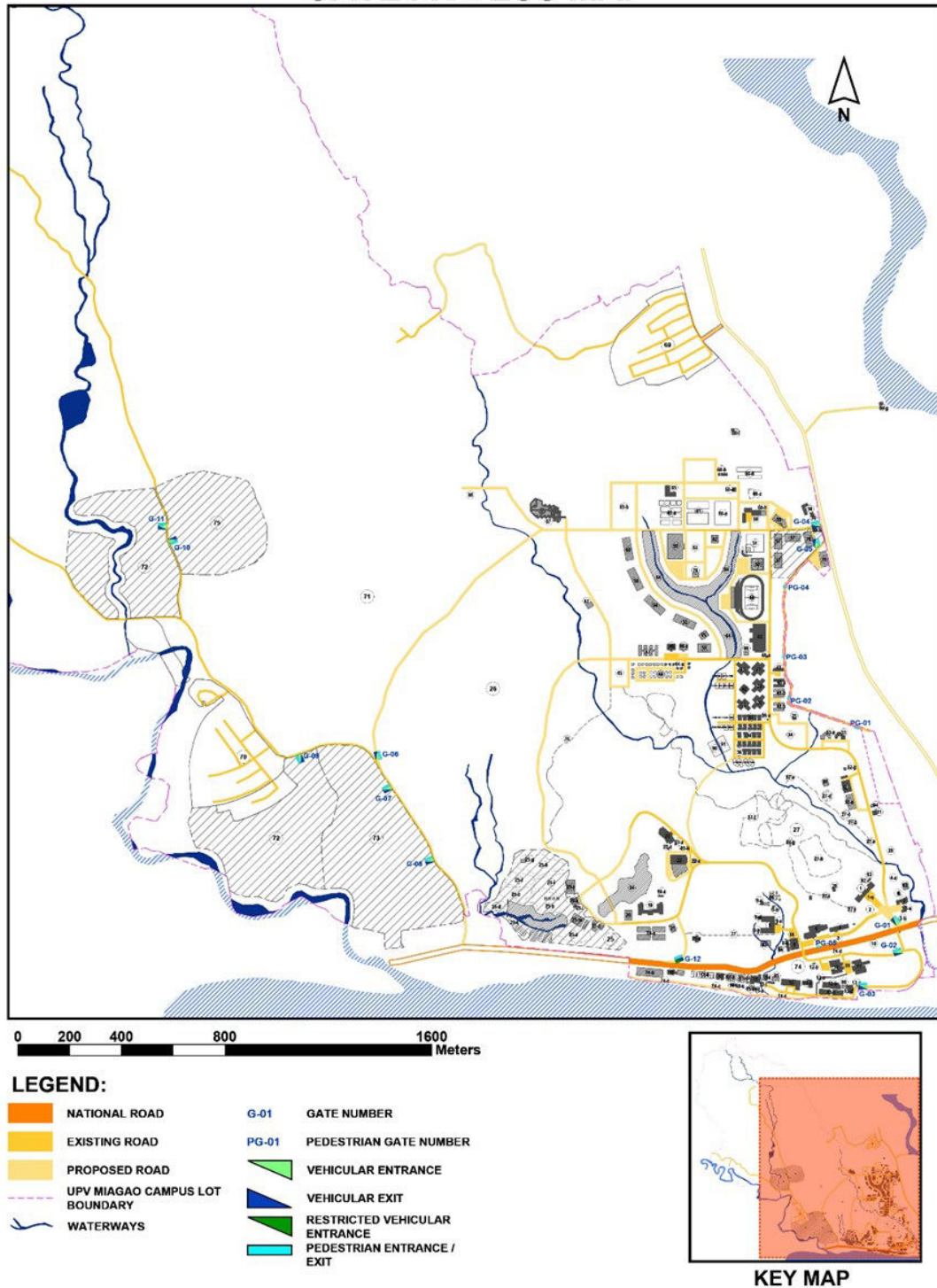


Figure 6-18. Proposed Gate Access Map

MASTER DEVELOPMENT PLAN 2021-2030 MIAGAO CAMPUS

PROPOSED UPV MIAGAO GATE ACCESS MAP

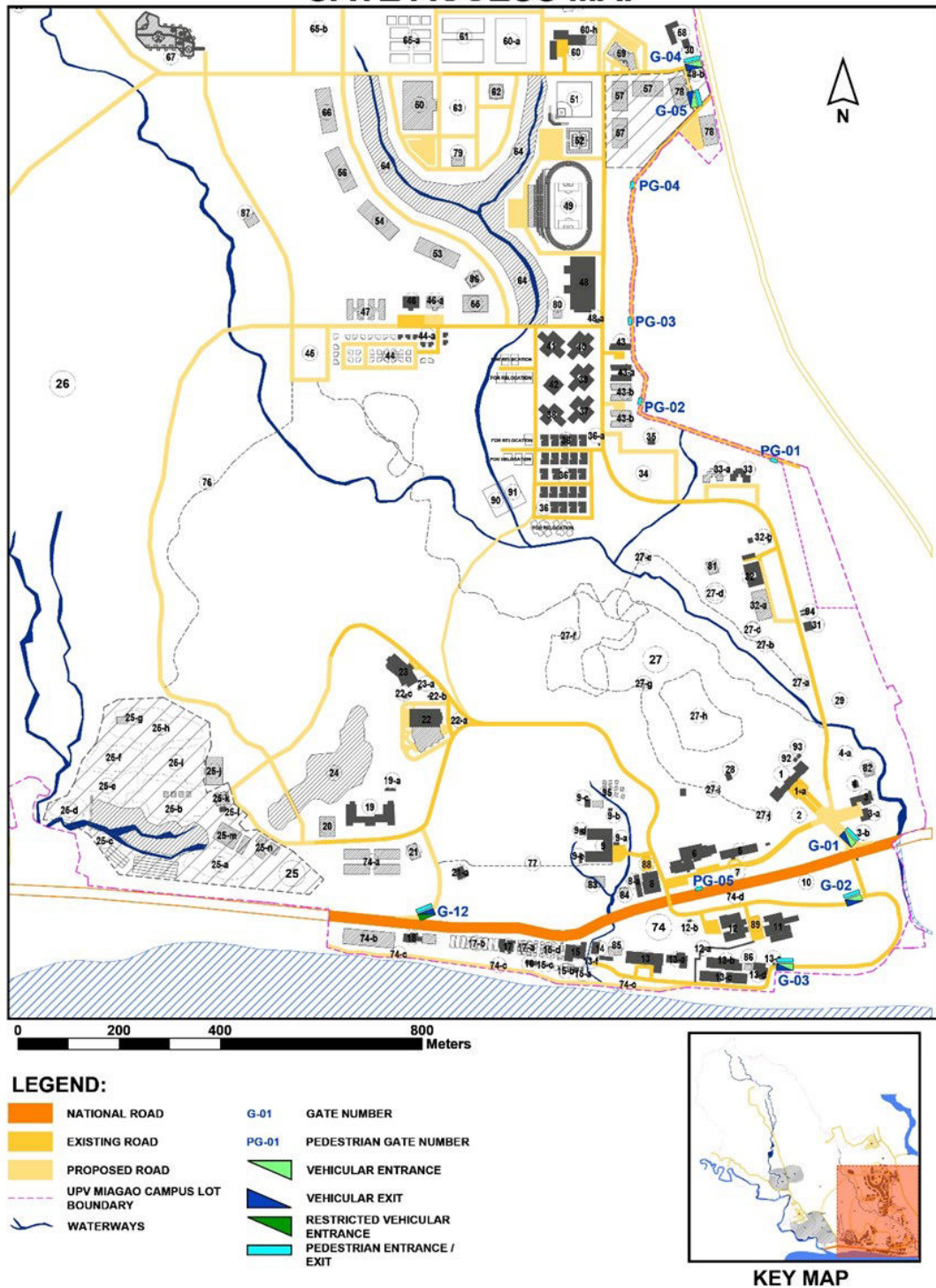


Figure 6-19. Proposed Gate Access Map – Campus Core

MASTER DEVELOPMENT PLAN 2021-2030 MIAGAO CAMPUS

PROPOSED UPV MIAGAO GATE ACCESS MAP

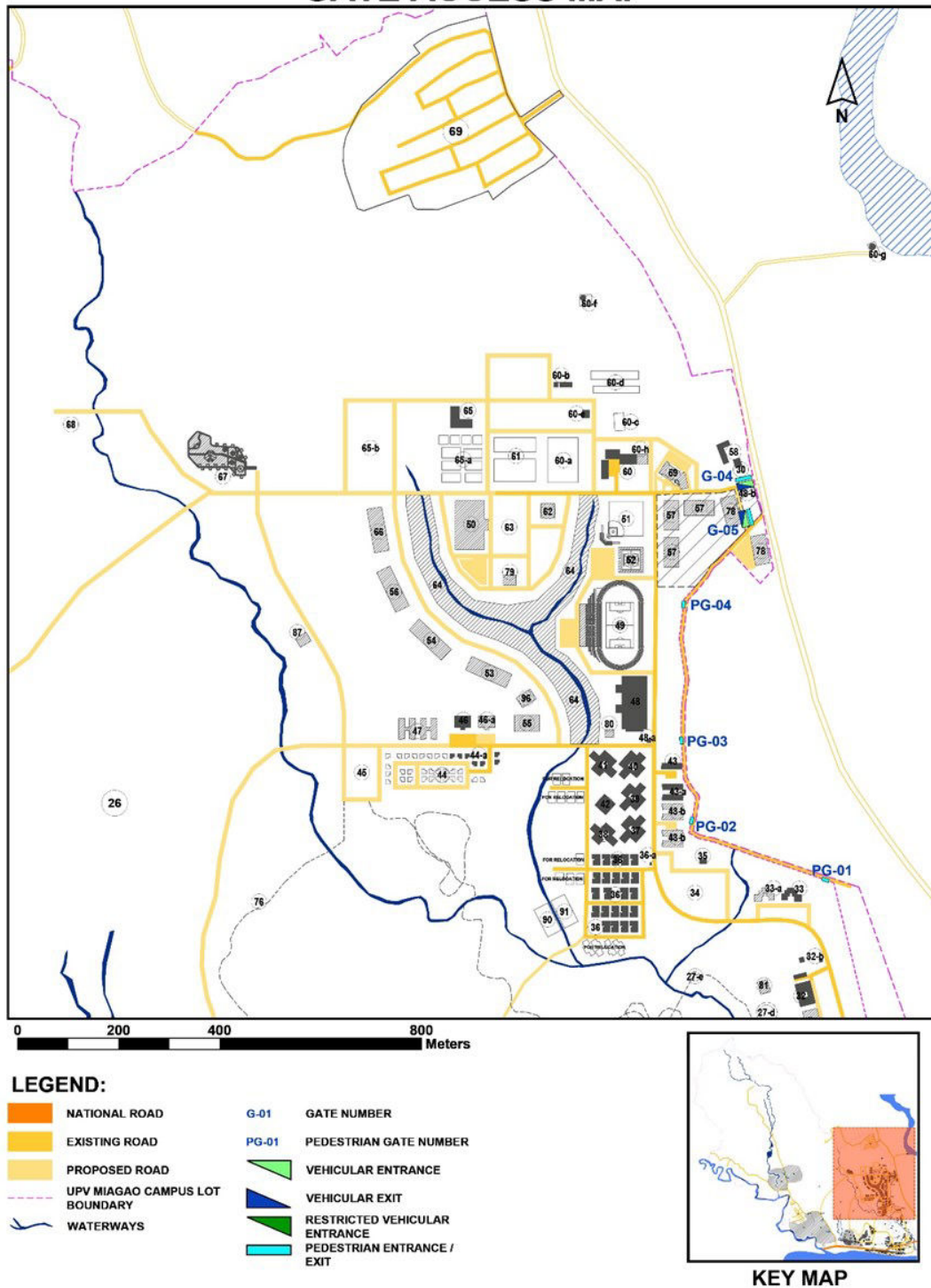


Figure 6-20. Proposed Gate Access Map – North Section of the Campus Core

MASTER DEVELOPMENT PLAN 2021-2030 MIAGAO CAMPUS

PROPOSED UPV MIAGAO GATE ACCESS MAP

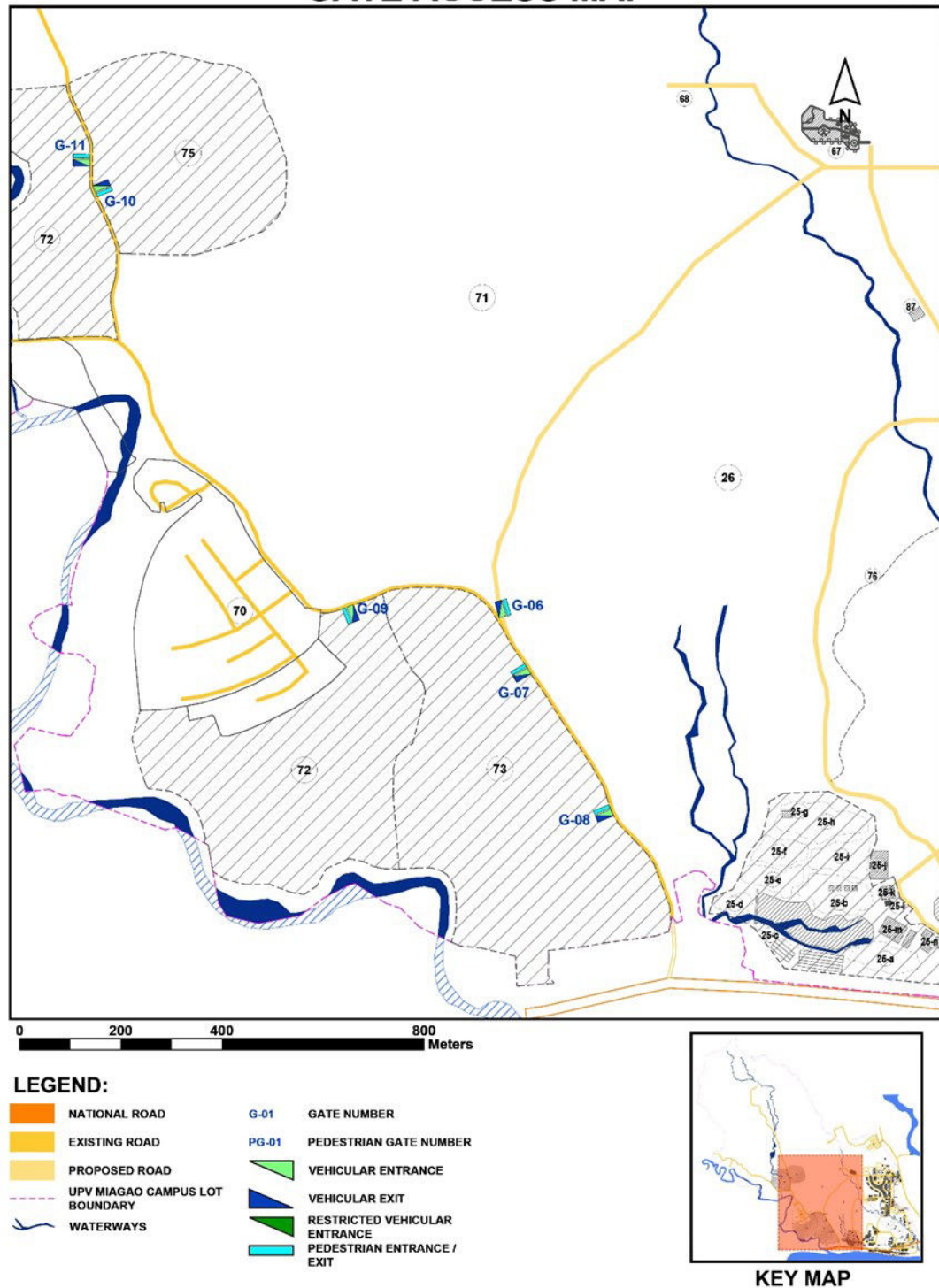


Figure 6-21. Proposed Gate Access Map - West Section of the Campus Core

**MASTER DEVELOPMENT PLAN
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**PROPOSED UPV MIAGAO
TRANSPORTATION ACCESS MAP**

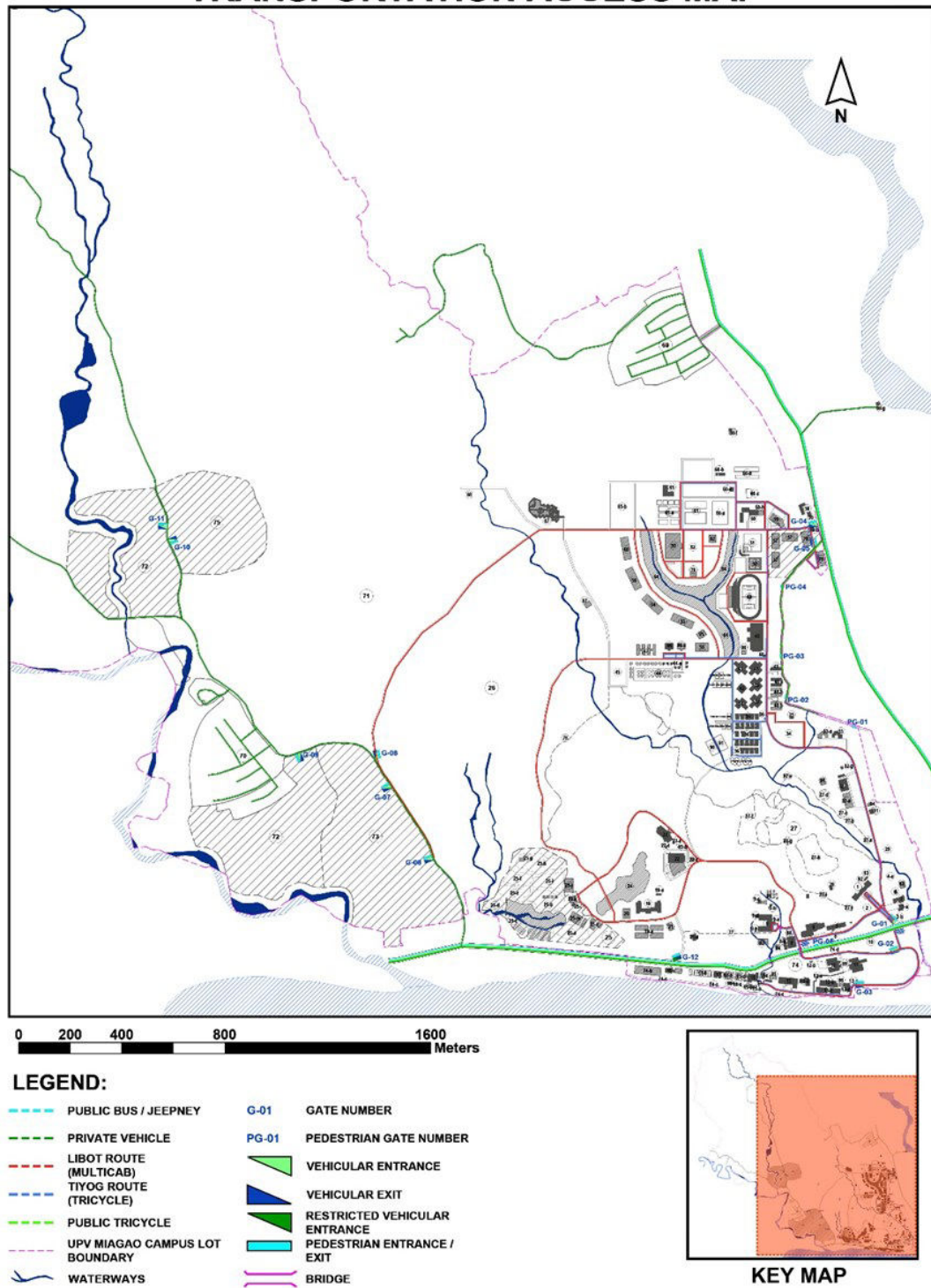


Figure 6-22. Proposed Transportation Access Map

MASTER DEVELOPMENT PLAN 2021-2030 MAGAO CAMPUS

PROPOSED UPV MAGAO TRANSPORTATION ACCESS MAP

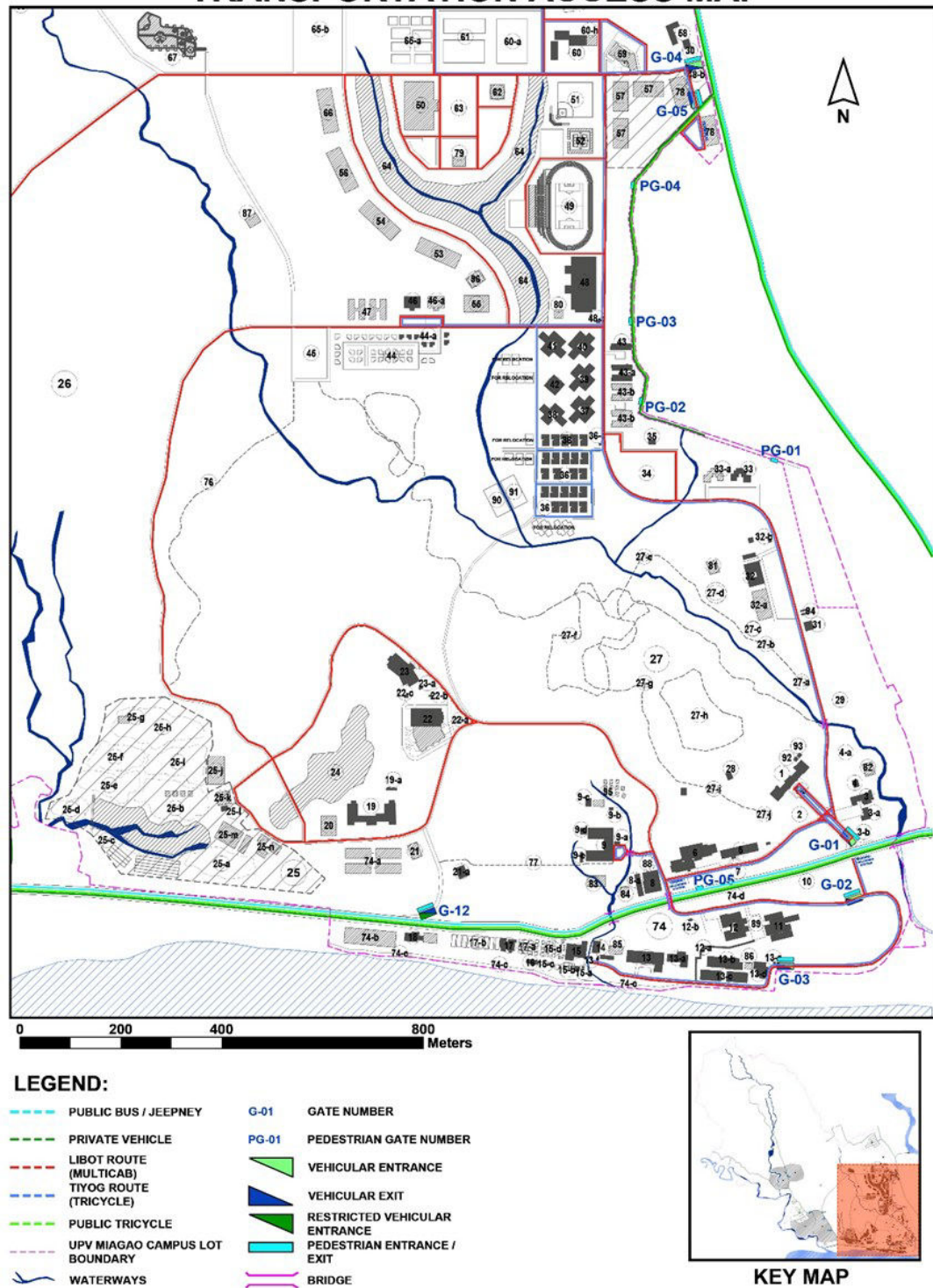


Figure 6-23. Proposed Transportation Access Map – Campus Core

MASTER DEVELOPMENT PLAN 2021-2030 MIAGAO CAMPUS

PROPOSED UPV MIAGAO TRANSPORTATION ACCESS MAP

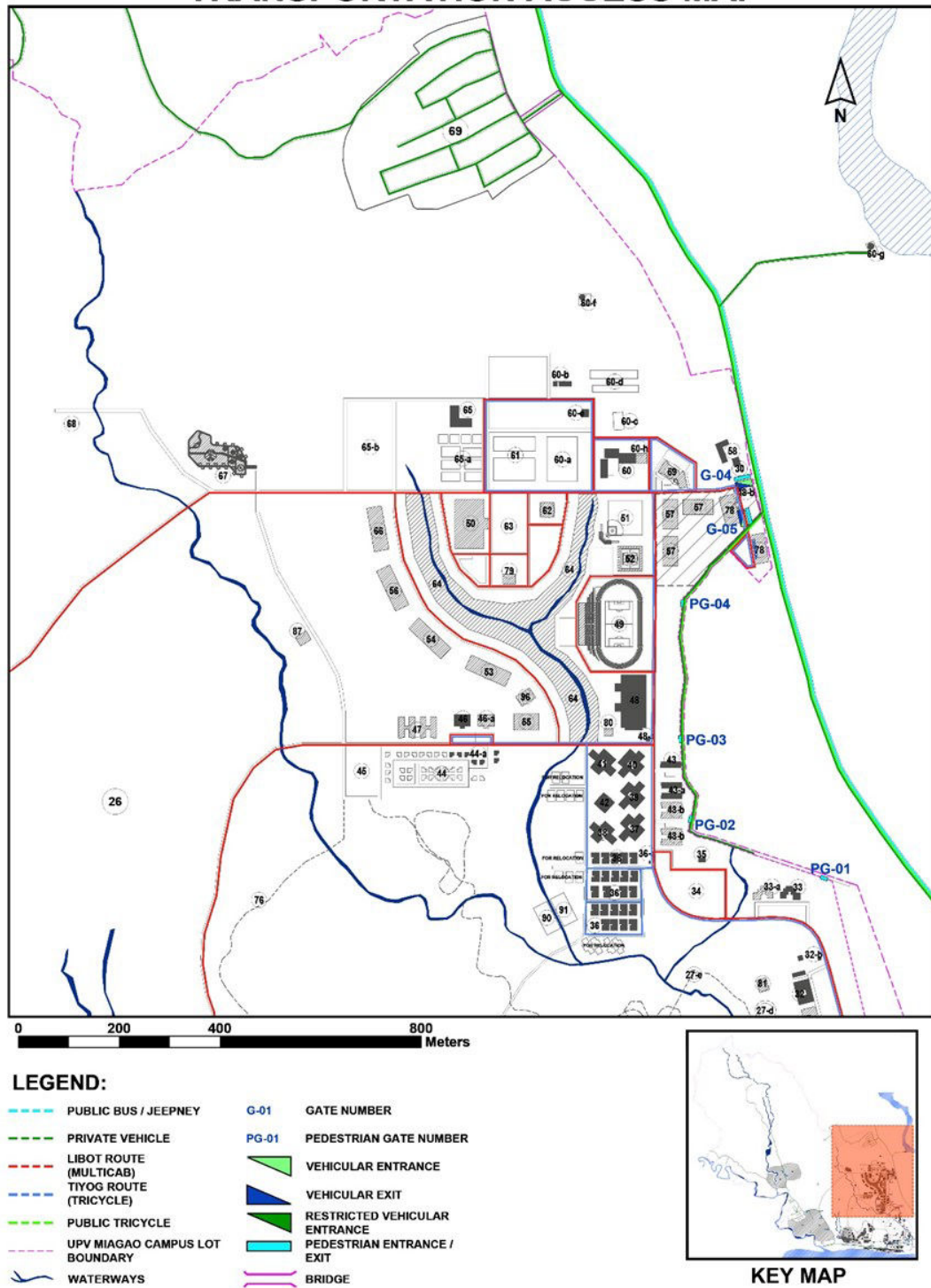


Figure 6-24. Proposed Transportation Access Map – North Section of the Campus Core

**MASTER DEVELOPMENT PLAN
2021-2030
MIAGAO CAMPUS**

**PROPOSED UPV MIAGAO
TRANSPORTATION ACCESS MAP**

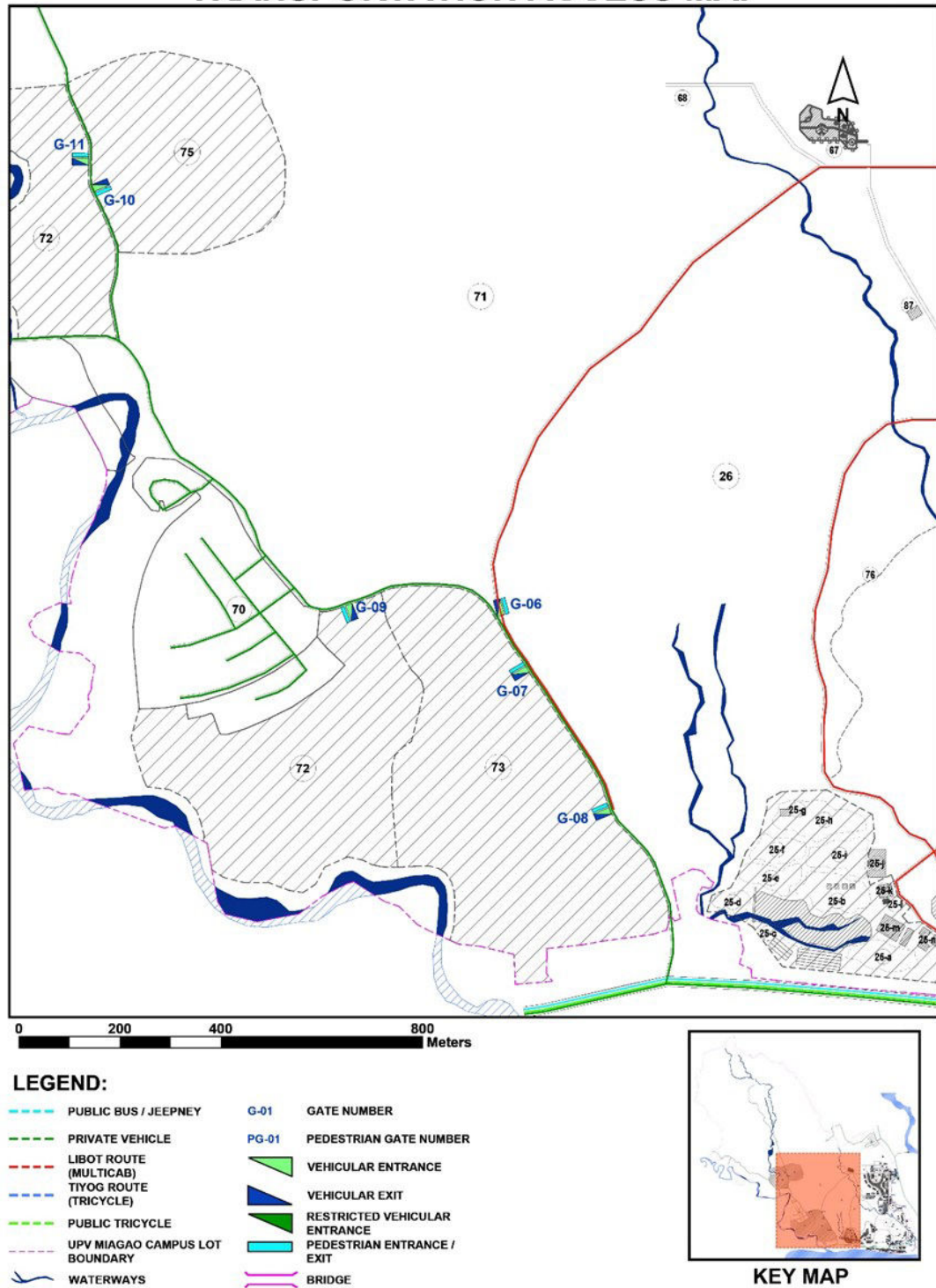


Figure 6-25. Proposed Transportation Access Map - West Section of the Campus Core

MASTER DEVELOPMENT PLAN 2021-2030 MIAGAO CAMPUS

PROPOSED UPV MIAGAO TRANSPORTATION TERMINAL MAP

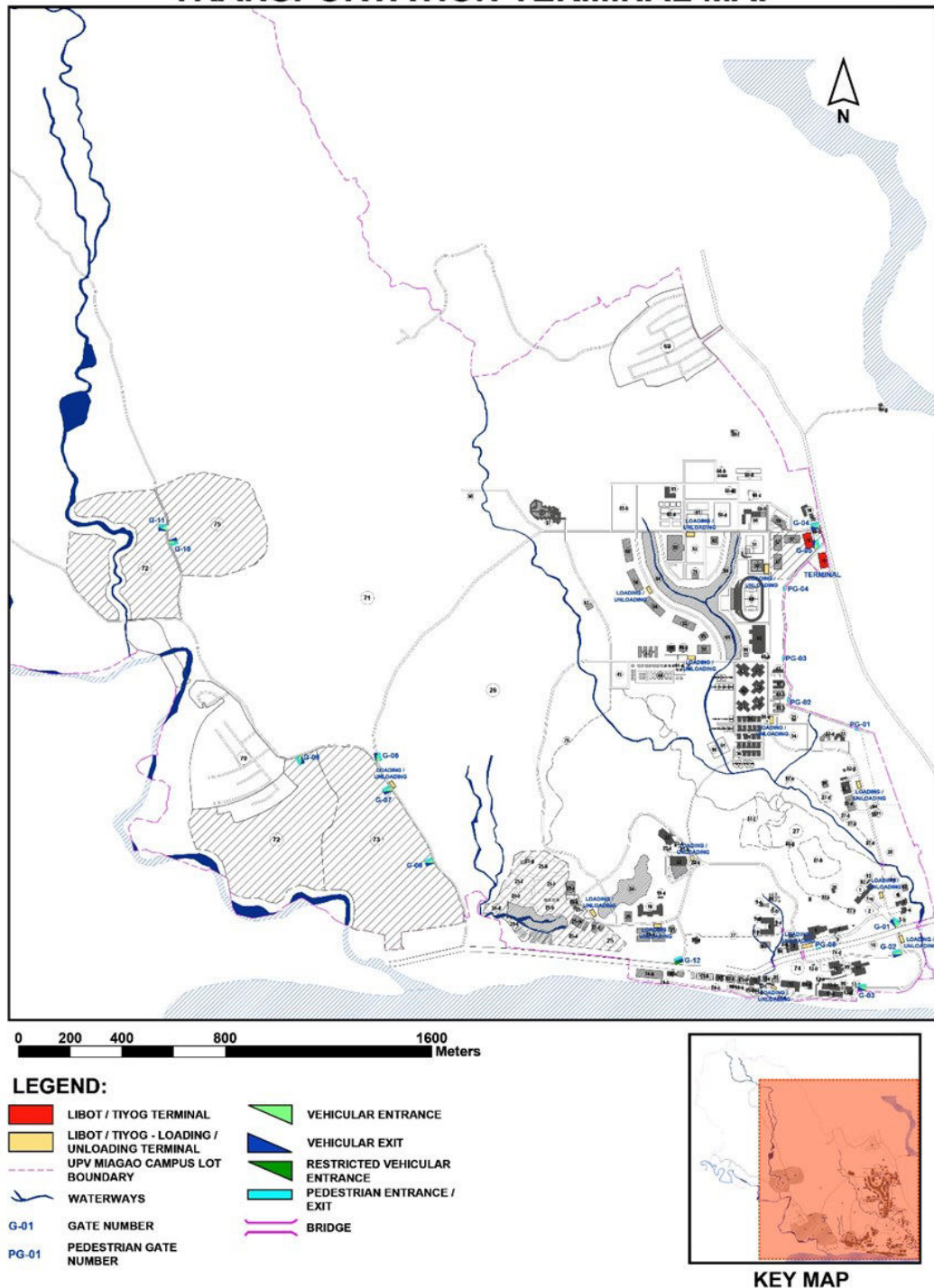


Figure 6-26. Proposed Transportation Terminal Map

MASTER DEVELOPMENT PLAN 2021-2030 MIAGAO CAMPUS

PROPOSED UPV MIAGAO TRANSPORTATION TERMINAL MAP

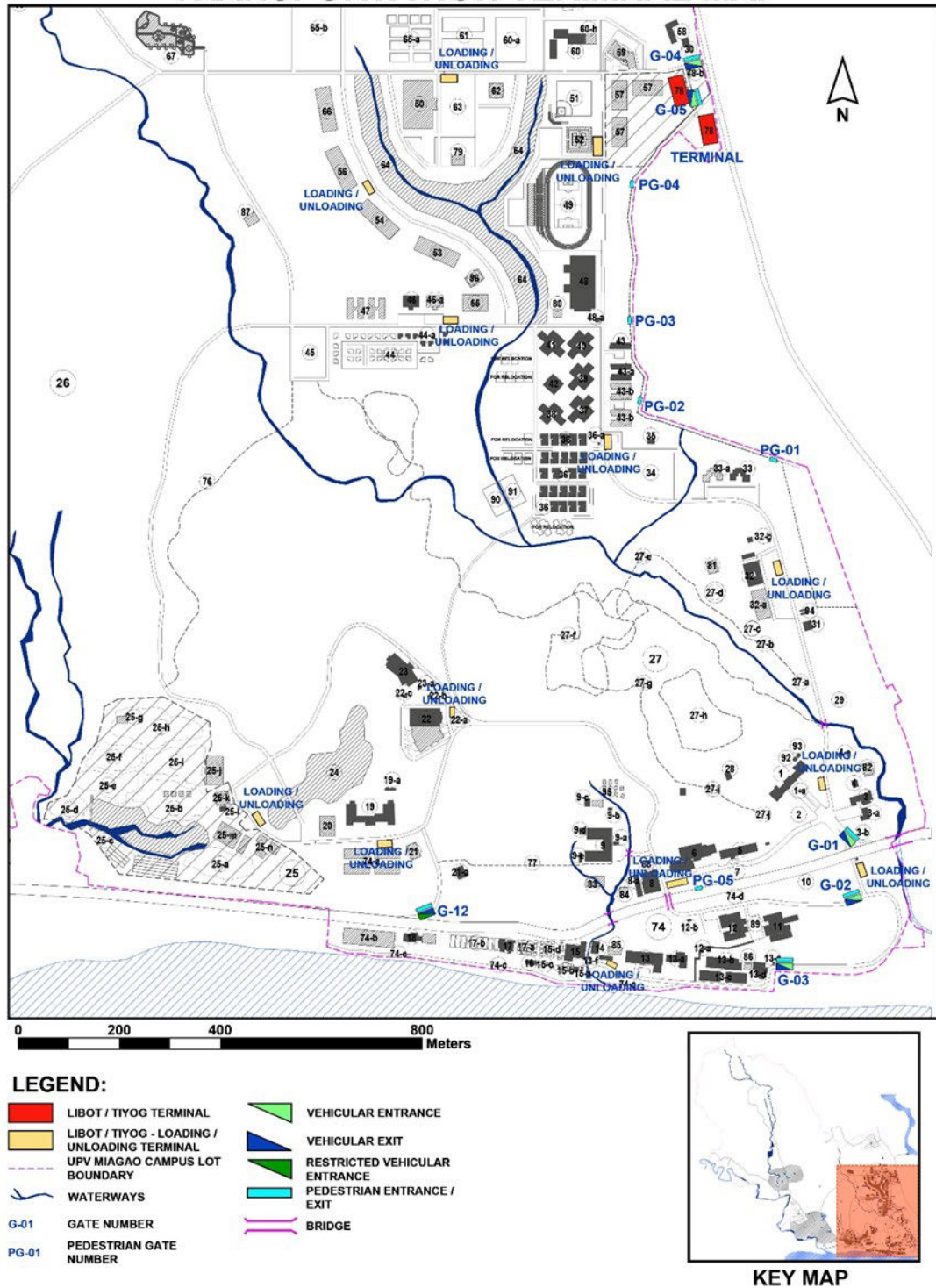


Figure 6-27. Proposed Transportation Terminal Map – Campus Core

MASTER DEVELOPMENT PLAN 2021-2030 MIAGAO CAMPUS

PROPOSED UPV MIAGAO TRANSPORTATION TERMINAL MAP

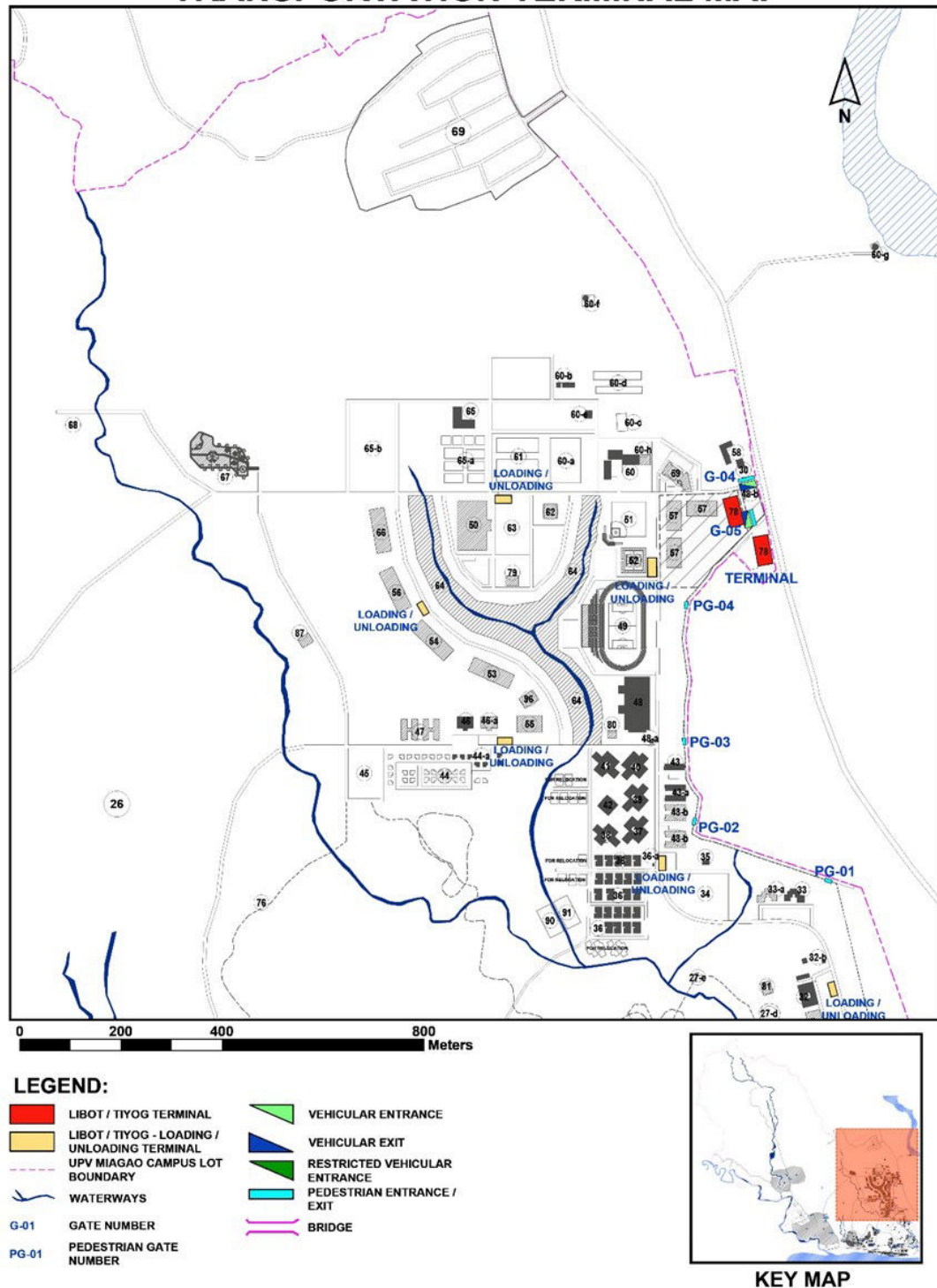


Figure 6-28. Proposed Transportation Terminal Map – North Section of the Campus Core

**MASTER DEVELOPMENT PLAN
2021-2030
MIAGAO CAMPUS**

**PROPOSED UPV MIAGAO
TRANSPORTATION TERMINAL MAP**

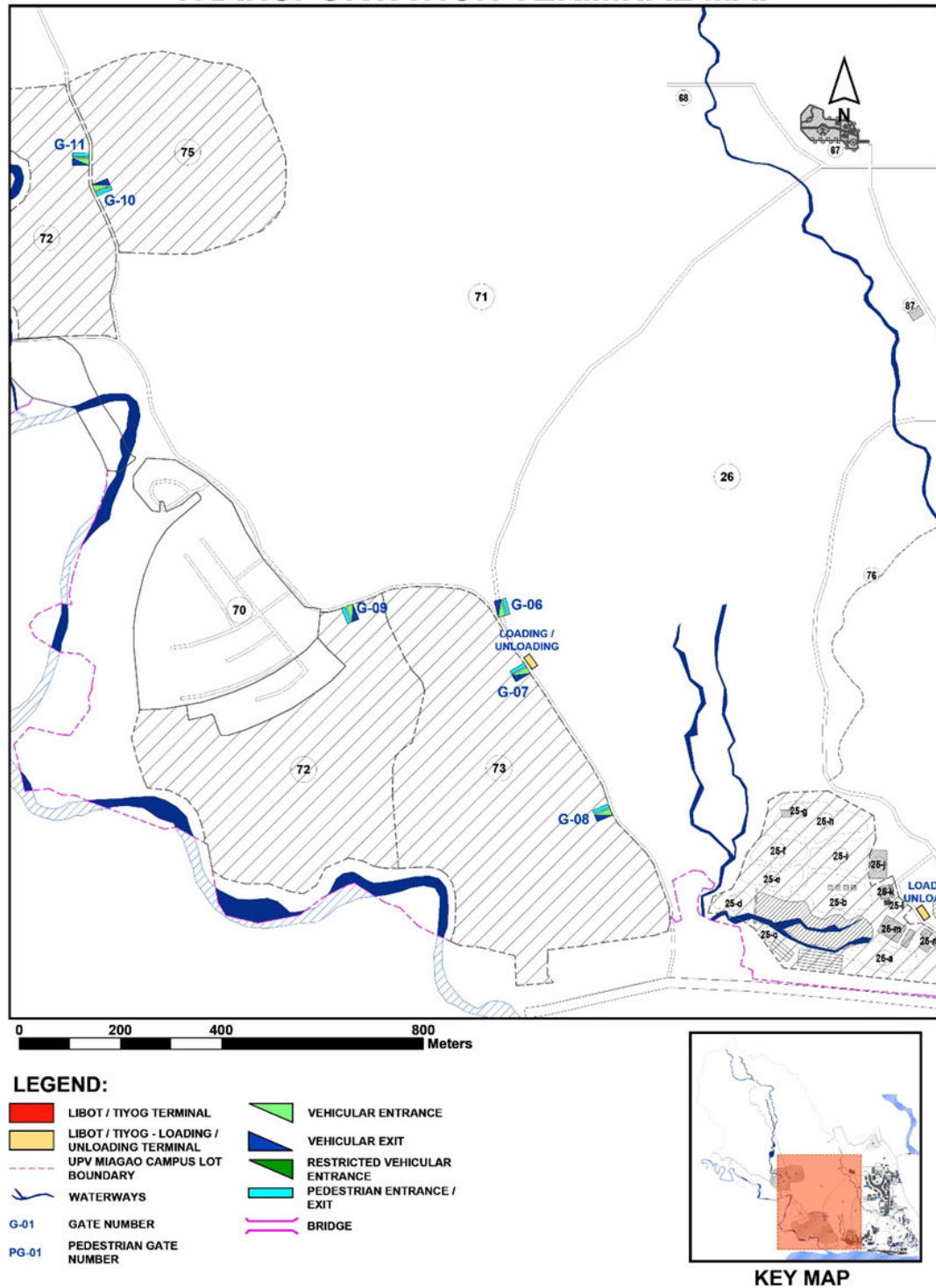


Figure 6-29. Proposed Transportation Terminal Map – West Section of the Campus Core

MASTER DEVELOPMENT PLAN 2021-2030 MIAGAO CAMPUS

PROPOSED UPV MIAGAO POWER LINE SYSTEM MAP

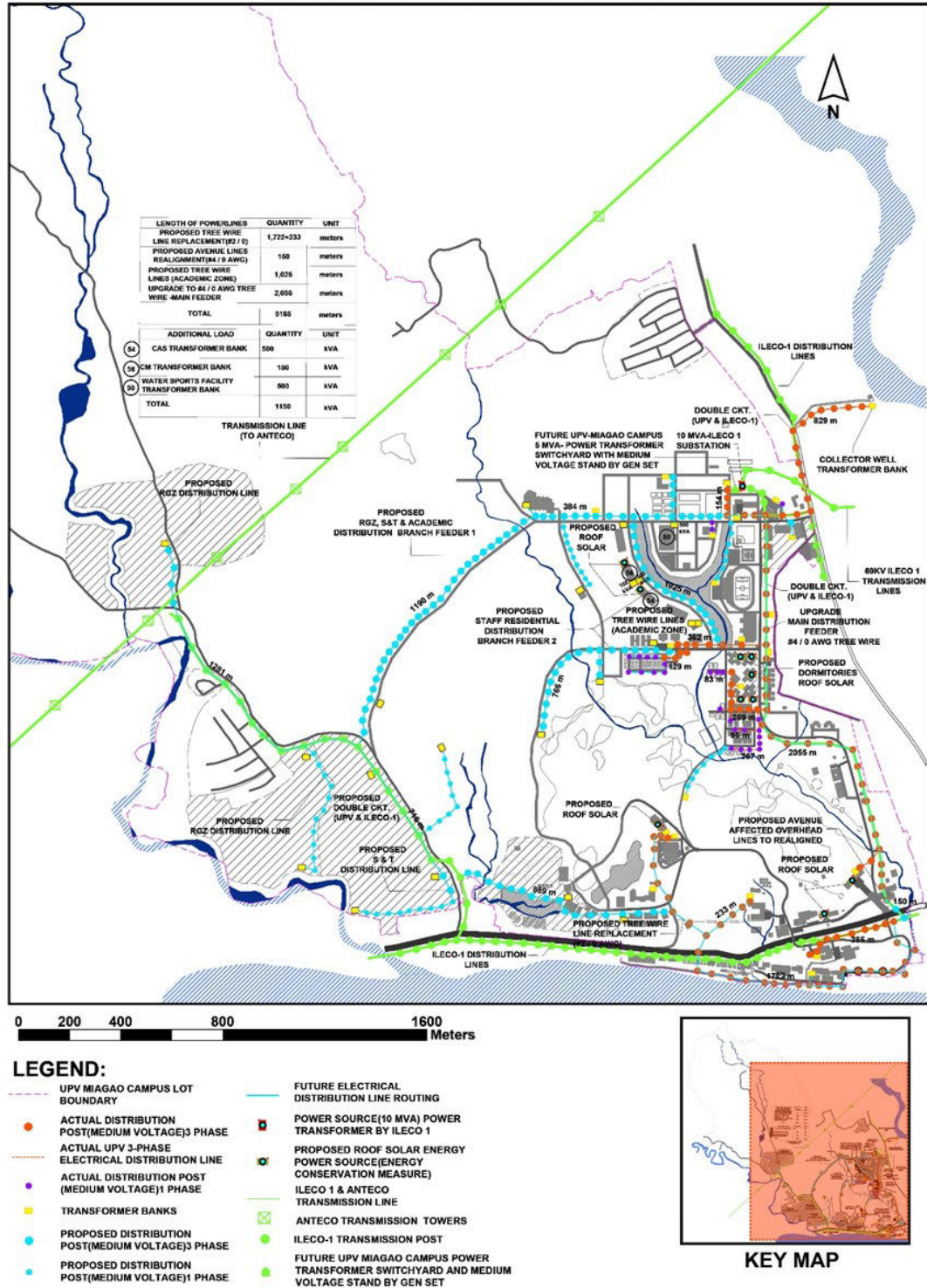


Figure 6-30. Proposed Power System Map

MASTER DEVELOPMENT PLAN 2021-2030 MAGAO CAMPUS

PROPOSED UPV MAGAO WATERLINE SYSTEM MAP

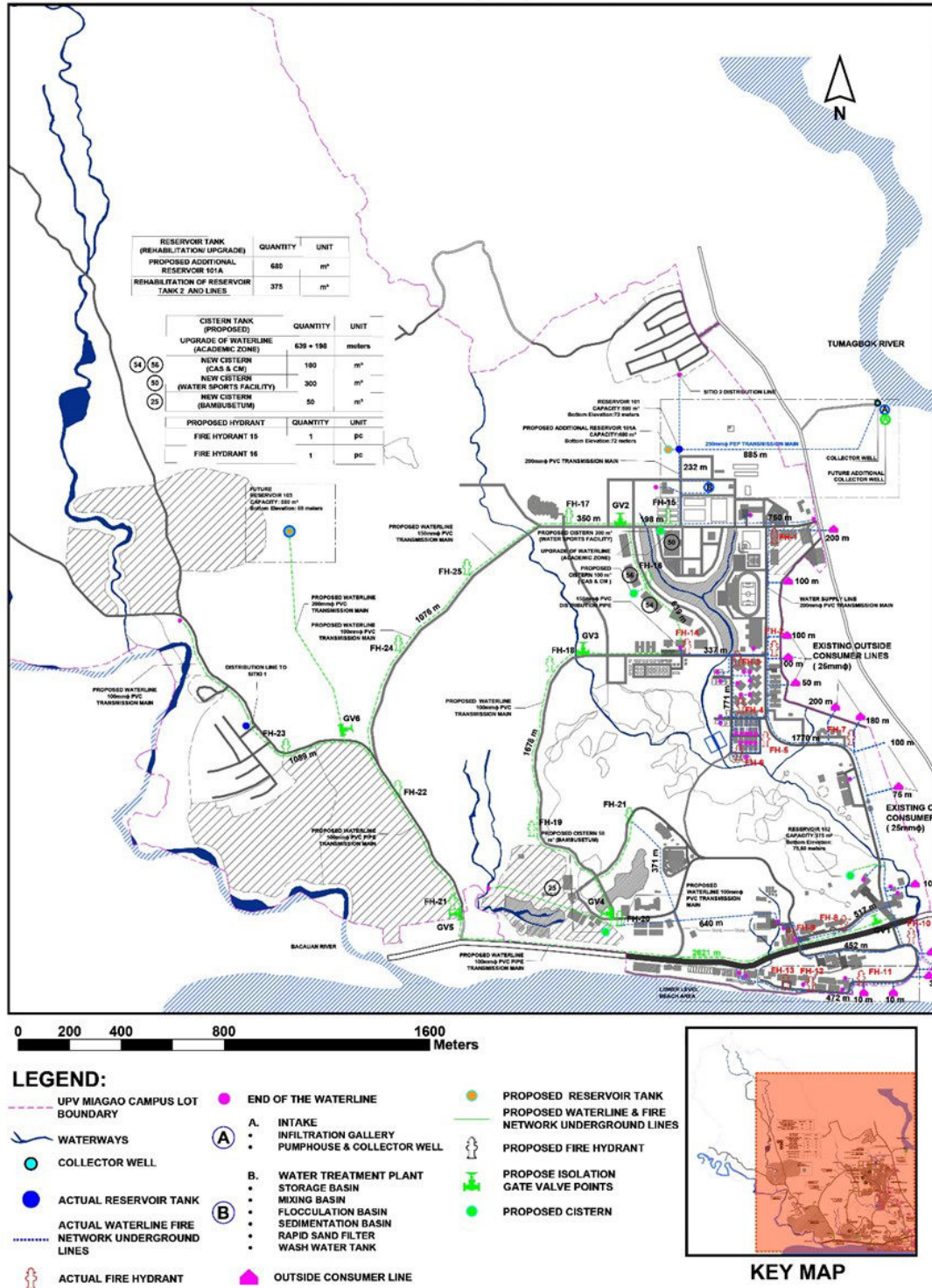


Figure 6-31. Proposed Waterline System Map

MASTER DEVELOPMENT PLAN 2021-2030 MIAGAO CAMPUS

PROPOSED UPV MIAGAO WASTE WATER DISPOSAL SYSTEM MAP

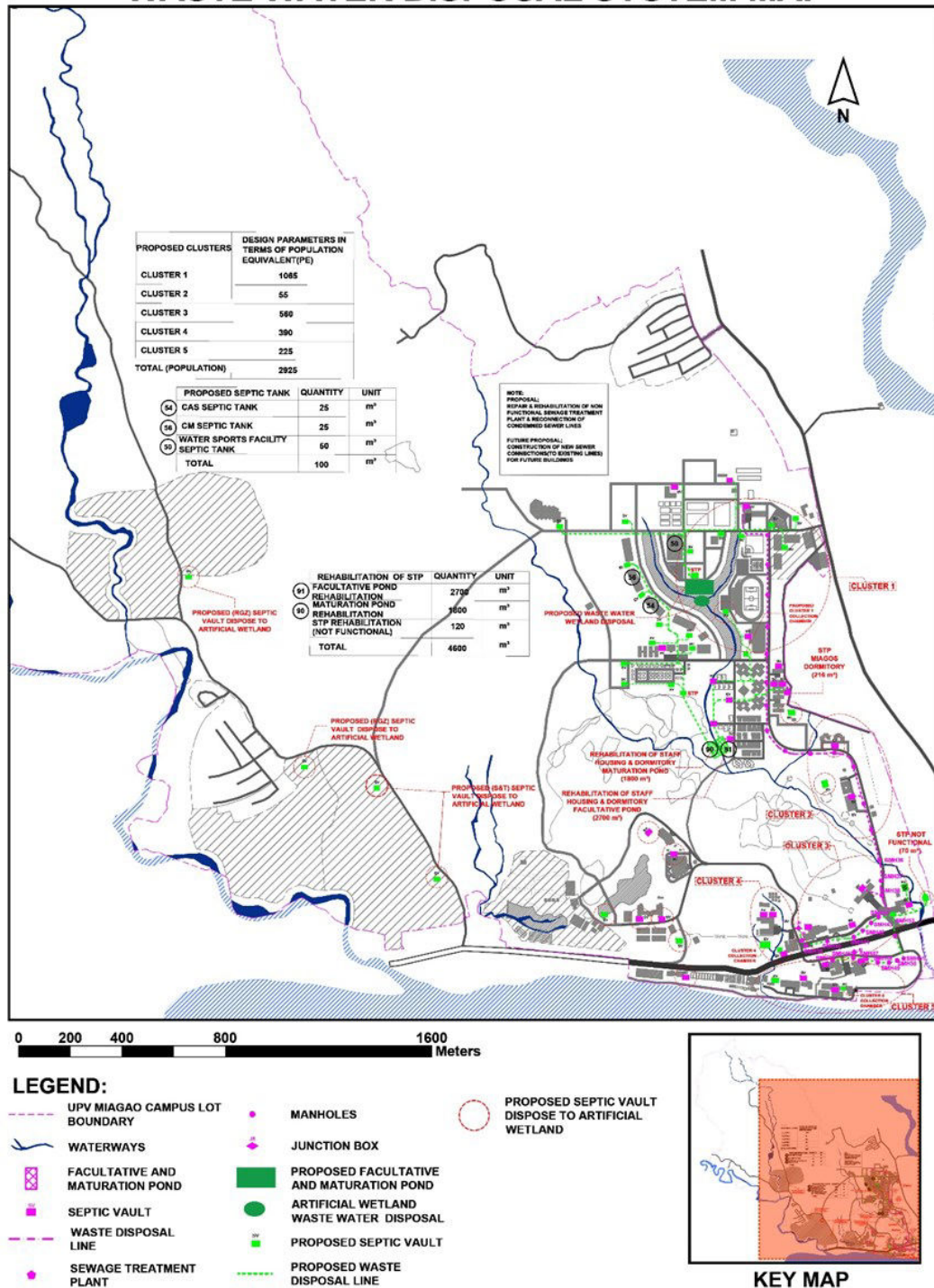


Figure 6-32. Proposed Waste Water System Map

MASTER DEVELOPMENT PLAN 2021-2030 MIAGAO CAMPUS

PROPOSED UPV MIAGAO COMMUNICATION FIBER OPTIC BACKBONE MAP

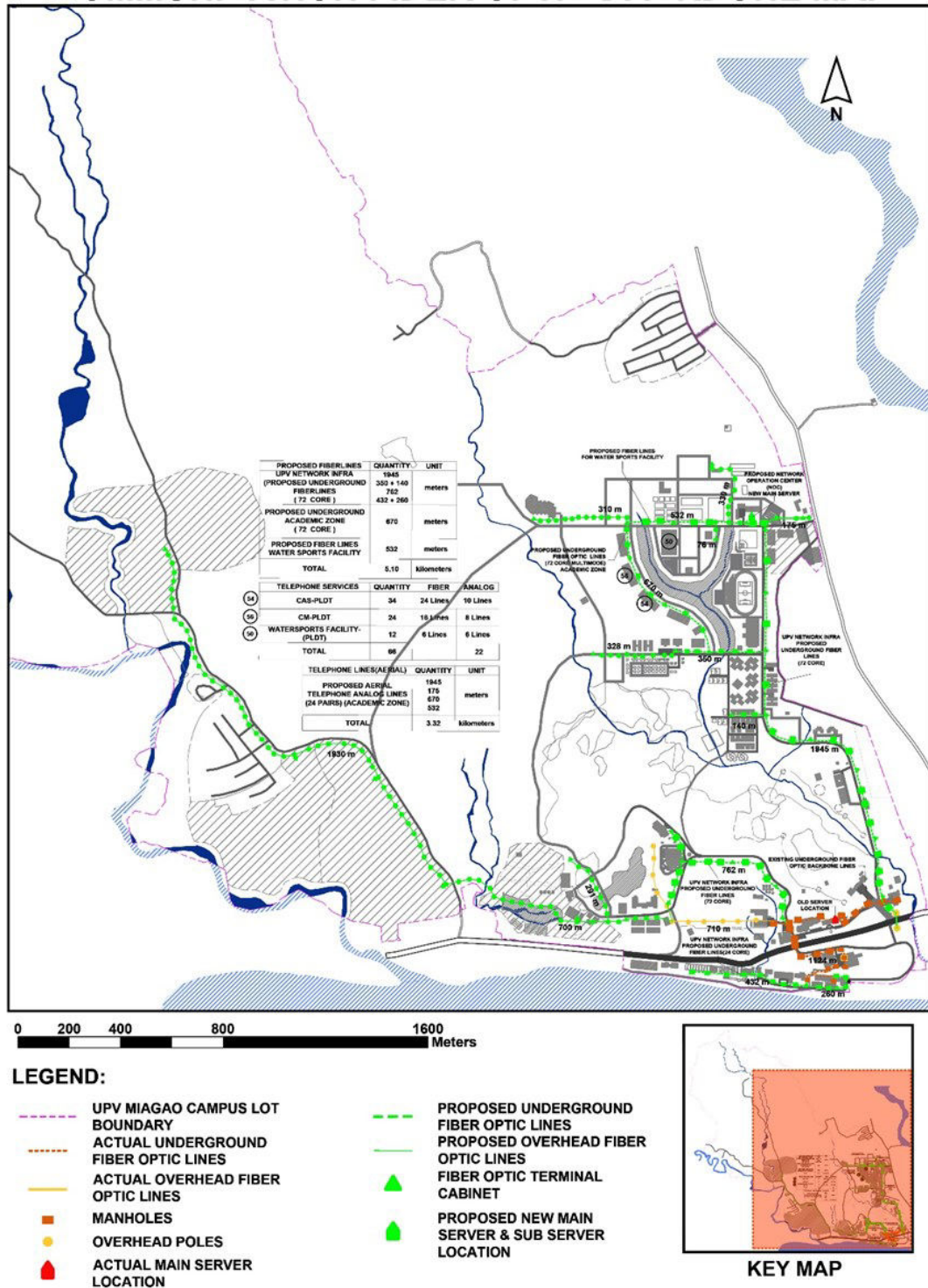


Figure 6-33. Proposed Communication Fiber Optic Backbone Map

MASTER DEVELOPMENT PLAN 2021-2030 MIAGAO CAMPUS

PROPOSED UPV MIAGAO ROADWAY STREETLIGHT MAP

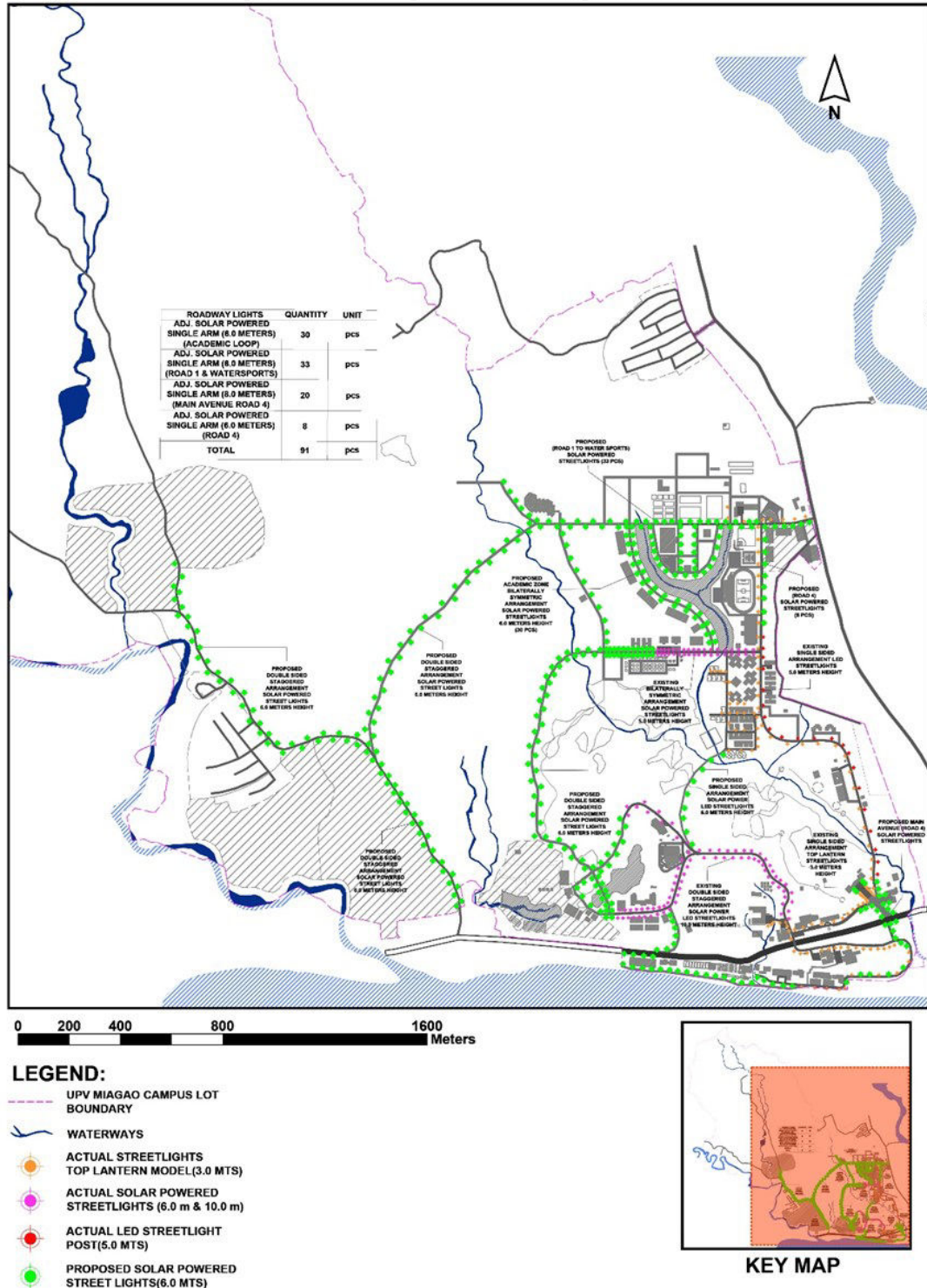


Figure 6-34. Proposed Roadway Streetlight Map

MASTER DEVELOPMENT PLAN 2021-2030 MIAGAO CAMPUS

6.4. Key Priority Projects



Figure 6-35. UPV Miagao Campus, Miagao Campus

Short Term Projects

1. Locational Clearance and Design Concept Plans
 - a. CAS Design Concept Plan
 - b. College of Management Design Concept Plan
 - c. International Dormitory Design Concept Plan
 - d. Event Center Complex Design Concept plan
2. Detailed Architectural and Engineering Design
 - a. DAED Bidding for Water Sports Training Facility
 - b. Renovation of University Avenue, Miagao Campus, Design and Construction Phase
3. Audits
 - a. PWD Accessibility Audit Plan
 - b. Fire Safety Audit and Plan
 - c. Land and Housing Audit and Plan
 - d. Flora and Fauna Audit and Plan
4. Carry -Over Construction Projects and Computers, Equipment, Vehicle and Furnishing
 1. Sotech Phase 5
 2. Research Center Phase 4
 3. Main Library Phase 2

MASTER DEVELOPMENT PLAN 2021-2030 MIAGAO CAMPUS

Medium Term Projects

1. Campus Road & Utility Rehabilitation

Campus Rehabilitation Development

- a. Rehabilitation of Existing UPV Road Network
- b. Replacement of Rotten Poles Electrical to Steel Poles

2. Facility Development

Construction of Academic Facility

- a. College of Arts & Sciences (CAS) Bldg., Construction Phase
- b. College of Management(CM) Bldg. Construction Phase
- c. International Dormitory , Phase
- d. Construction of Sewage Treatment Facility
- e. Construction of Road Network (Academic Loop), Academic Zone
- f. Construction of Access Road and Retaining Seawall at the CFOS Wet and Dry Laboratory Complex Dalan ni Diwata

3. Sports Training Facility for Physical Education

Construction of Academic Sports facility

- a. Water Sports Training Facility, Construction Phase, UPV Miagao Campus
- b. Construction of Events Center cum Sports Complex, UPV Miagao Campus

Long Term Projects

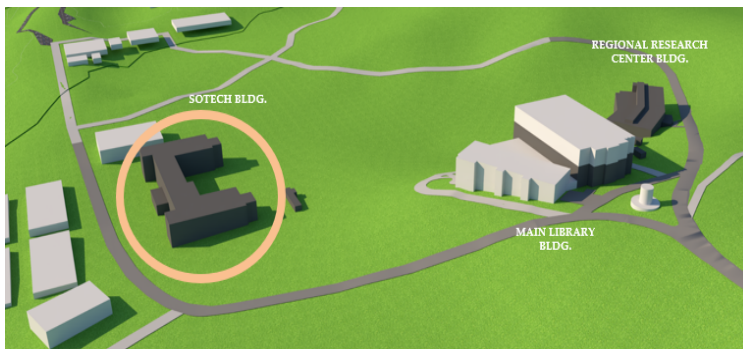
Future roads and utility development

1. UPV Development Plan (Road Network with Bike Lanes) (Miagao Campus)(Libut & Tiyyog)
2. UPV Utility Development (Water, Electrical Lines, Fiber Backbone Communication Lines, Streetlights, Drainage Lines (Miagao Campus)
3. UPV Biodiversity Eco Tourism Hub, Open Spaces Landscapes, Nature Trail, Camping Grounds (Miagao Campus)
4. Land Property Acquisition & Management for Campus Development

MASTER DEVELOPMENT PLAN 2021-2030 MAGAO CAMPUS

SHORT TERM PROJECTS FOR FUNDING (CONTINUATION OF CONSTRUCTION STAGE)

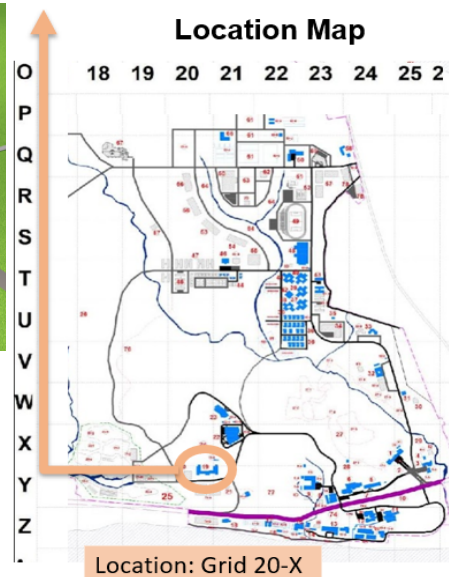
1. SOTECH BLDG PHASE 5



Project Cost:
Phase 5 - 45M | FOR FUNDING

Implementation 2023

Justification:

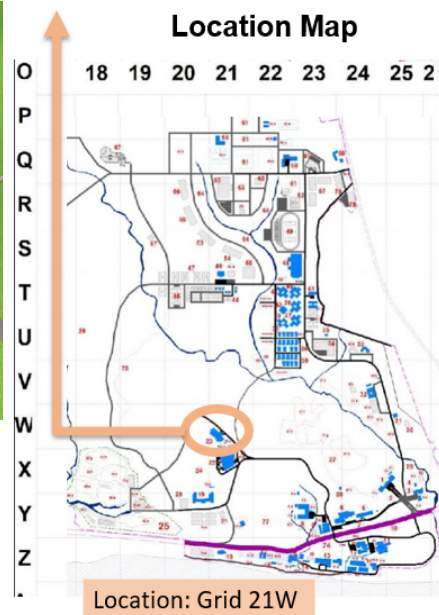


The School of Technology is envisioned to lead in the training of manpower with global competency in the fields of food technology, engineering, and environment complementary to the mandate of UP Visayas. Its mission as a degree-granting unit of UP, the National University, includes the generation and transfer of environment-friendly appropriate technologies applicable to the ridge to reef communities.

The construction of the building was implemented in phases. Phases 1, 2, and 3 were implemented and this proposed project will complete the construction of the school building. Phase 4 will include the completion of the whole building including the 3rd-floor area, construction of additional 6 classrooms and faculty room in the basement area, construction of a driveway in the building entrance area, drainage system, path walks, and provision of parking areas and landscapes.

MASTER DEVELOPMENT PLAN 2021-2030 MIAGAO CAMPUS

2. REGIONAL RESEARCH CENTER PHASE 4



Project Cost:

Phase 4 - 49.22M (P50M)| FOR FUNDING

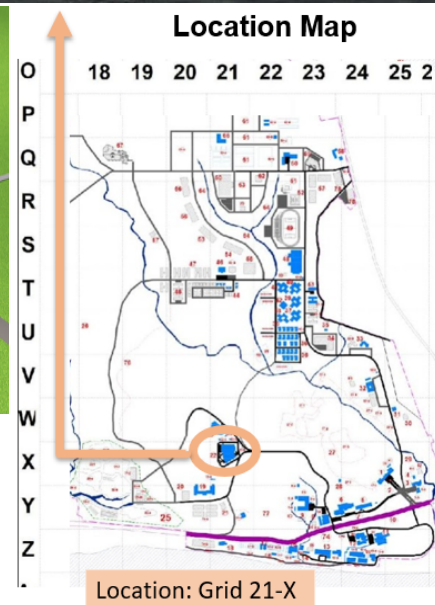
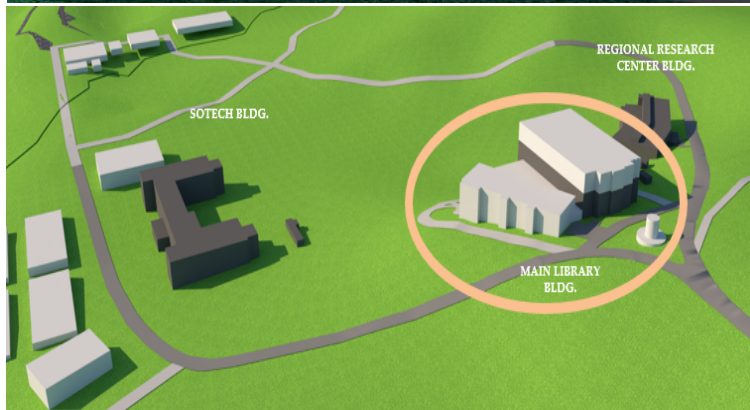
Implementation 2023

Justification:

The construction of the Regional Research Building was done in three (3) phases. Phase 4 involves the construction and furnishing of the basement area and view decks to fully operate as a research establishment. RRC will serve both UPV and non-UPV clients in Region 6. The basement of the RRC will house the UPV-DOST NICER office as well as an additional lab where researchers can fabricate and test prototypes developed from their various research. The basement will also host an expansive dining/collaboration area where researchers can carry out discussions on their latest findings and lab developments. The view deck also serves to extend the ceiling area of the basement to accommodate the planned offices. Phase IV includes the provision of solar panels for more sustainable power consumption, provision for parking and an access road leading to the basement area and landscaping works in the courtyard and perimeter area.

MASTER DEVELOPMENT PLAN 2021-2030 MIAGAO CAMPUS

3. MAIN LIBRARY PHASE 2



Project Cost:

Phase 2 - 100M (240M) (2023) | FOR FUNDING

50M (2024)

50M (2025)

Implementation 2023 - 2025

Justification:

The Main Library Building Phase 2 includes the construction of the 2nd and 3rd floors, the auditorium, provision of parking and basement, construction of pathways and installation of utilities, and landscaping. This building will provide a more modern and fully equipped library collection and facilities that will meet the standards of a world-class University. A space of learning commons shall be a major feature of the new library where students, faculty, and staff can comfortably study, do their research, and at the same time learn and relax.

MASTER DEVELOPMENT PLAN 2021-2030 MIAGAO CAMPUS

SHORT & MEDIUM TERM PROJECTS FOR FUNDING (CONCEPTUAL DESIGN STAGE)

1. COLLEGE OF ARTS AND SCIENCES BUILDING

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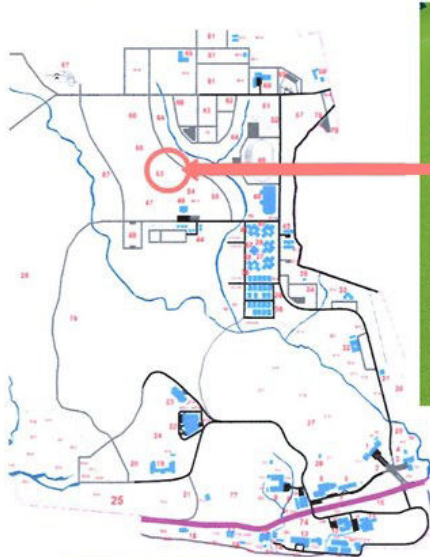
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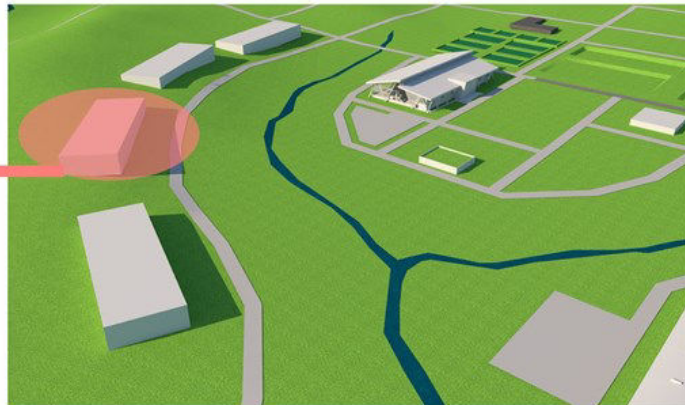
Z

-



Location: Grid 20-S

Location Map



Perspective



Project Total Cost: 539M

Detailed Architectural and Engineering Design | FOR FUNDING

250M (2023)

150M (2024)

139M (2025)

Implementation 2023 - 2025

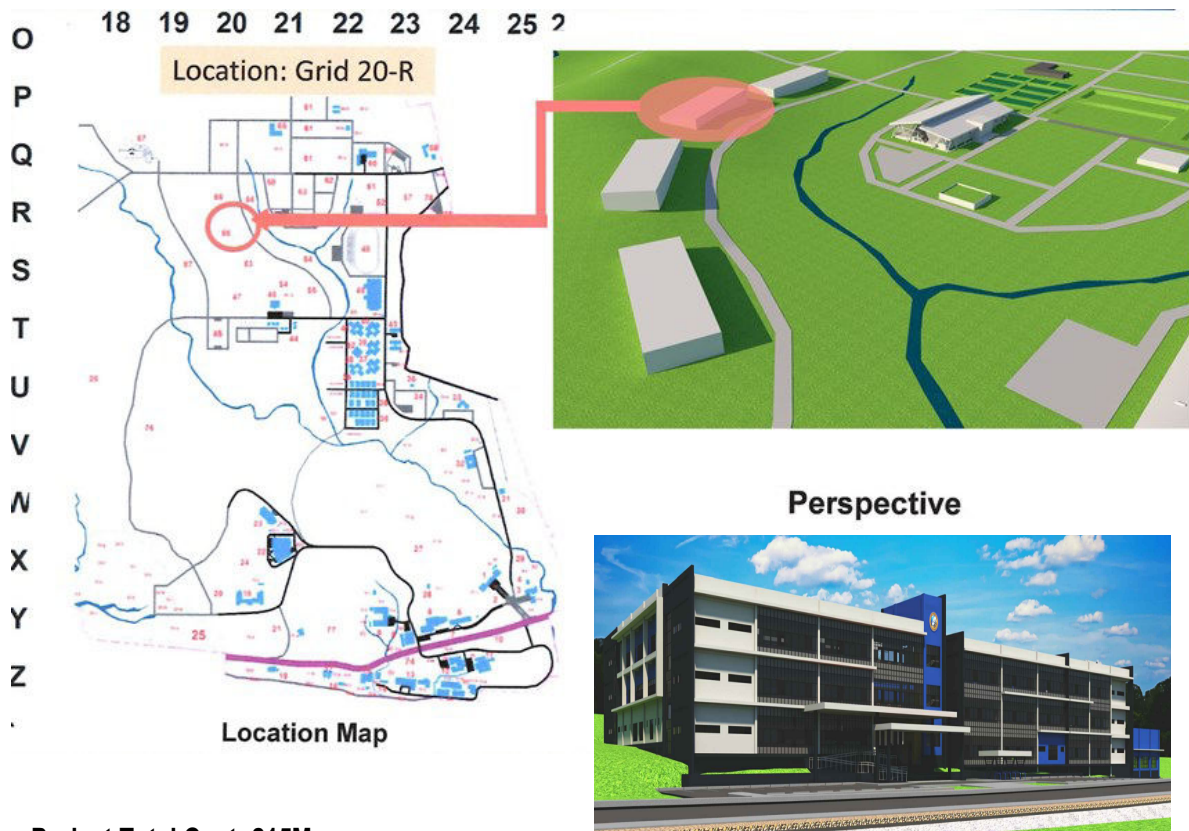
Location cleared by UP President on March 17, 2022.

Justification:

The construction of a new College of Arts and Sciences (CAS) Building will address the space requirement for the growing population of the College. The existing facilities of CAS can no longer accommodate additional provisions for classrooms and laboratory rooms. The construction of a new CAS building, it will further boost the College's capabilities as the leading institution in Education, Research, and Public service in the region aligned with the vision and mission of UP Visayas.

MASTER DEVELOPMENT PLAN 2021-2030 MIAGAO CAMPUS

2. COLLEGE OF MANAGEMENT BUILDING



Project Total Cost: 215M

Detailed Architectural and Engineering Design | FOR FUNDING

100M (2023)

70M (2024)

45M (2025)

Implementation 2023 - 2025

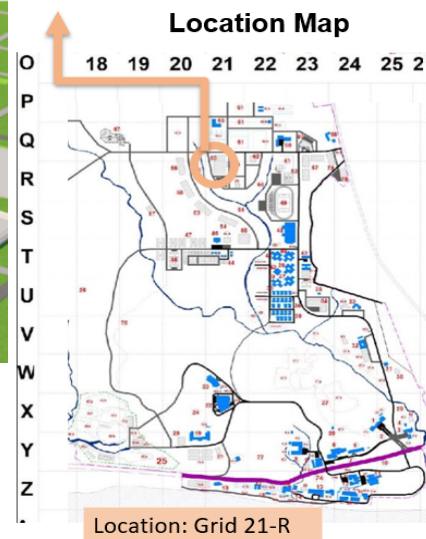
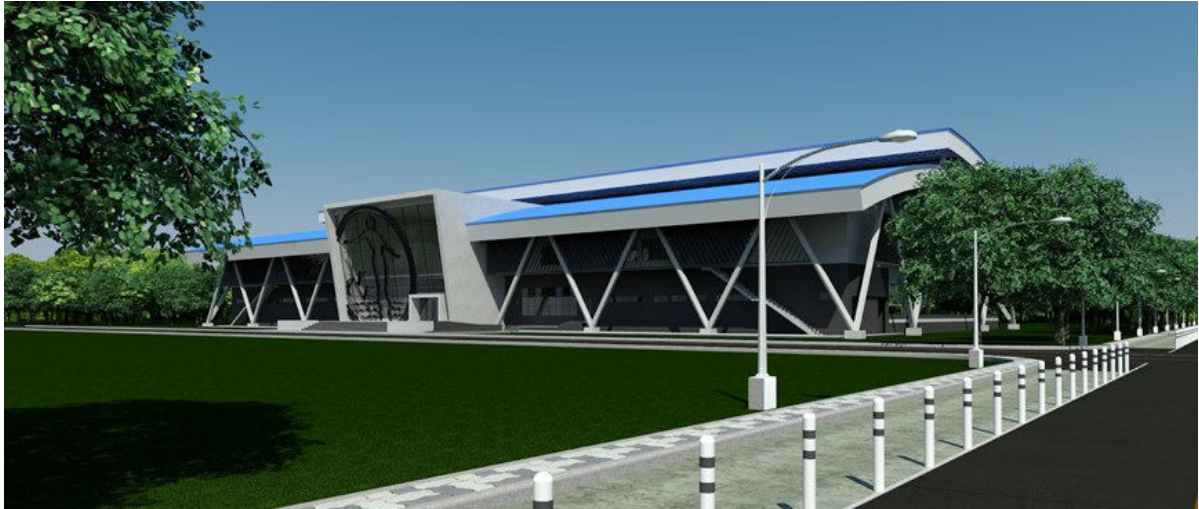
Location cleared by UP President on March 17, 2022.

Justification:

The College of Management is the only college of UP Visayas that remains in the city. The College will transfer to the Miagao campus consistent with the 1995-BOR approved campus development plan. The transfer of the college to Miagao will further enhance the academic and professional engagement of students and faculty in supporting the UPV academic, research, and public service agenda.

MASTER DEVELOPMENT PLAN 2021-2030 MIAGAO CAMPUS

3. WATER SPORTS TRAINING FACILITY



Project Cost:

DAED - 5.97M (Bidding Stage)

Floor Area: 6,125 sq.m

No. of floors: 2

Project Total Cost: 215M

Phase 1 - 79M (2023) | FOR FUNDING

50M (2024)

50M (2025)

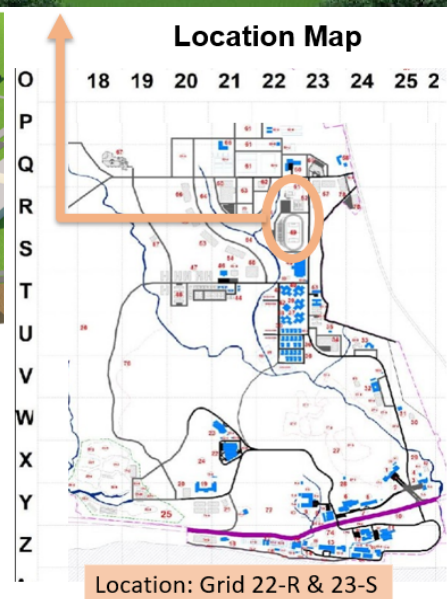
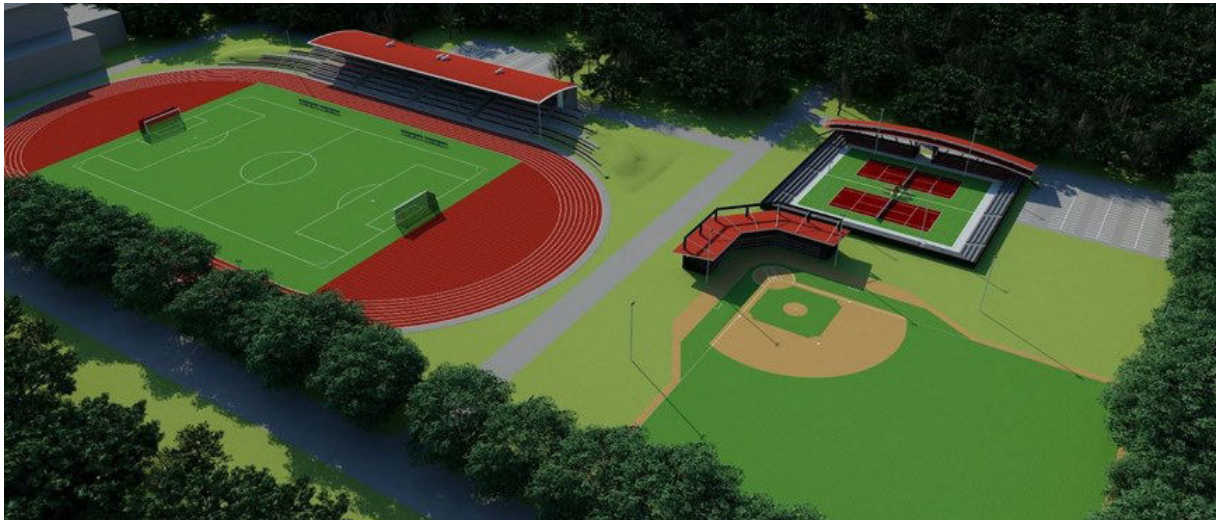
Implementation 2023 - 2025

Justification:

The purpose of the project is to have state-of-the-art water sports facilities to support the training programs of UPV students; to provide public service by hosting organized and non-organized water sports-related events that will serve non-UP stakeholders, and to initiate strategies that will link UPV with global institutions that provide water sports facilities to promote and sustain the higher education agenda of UPV. The allocated DAED for this project (2019 UPS-RF) is currently going through bidding procedures.

MASTER DEVELOPMENT PLAN 2021-2030 MIAGAO CAMPUS

4. EVENTS CENTER - CUM - SPORTS COMPLEX



Project Total Cost: 85M

Detailed Architectural and Engineering Design | FOR FUNDING

40M (2023)

40M (2024)

5M (2025)

Implementation 2023 - 2025

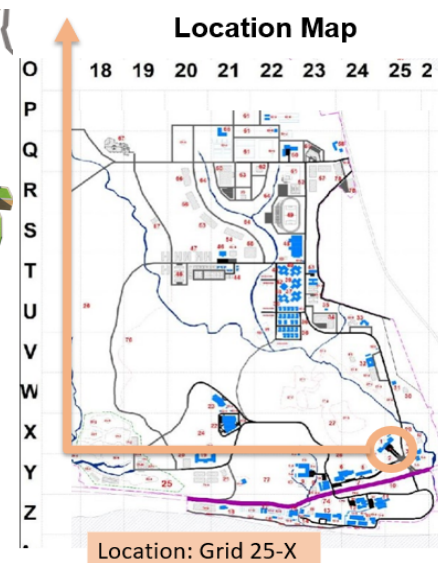
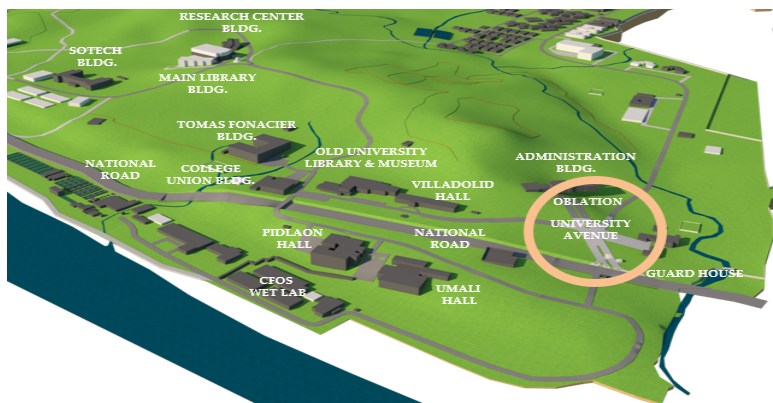
Justification:

The proposed Events Center cum Sports Complex will provide the much-needed facility for hosting major academic and non-academic activities. The proposed Sports Complex will support the UPV Physical Education Program offerings and help promote the health and wellness of the UPV community as well.

MASTER DEVELOPMENT PLAN 2021-2030 MIAGAO CAMPUS

SHORT & MEDIUM TERM PROJECTS FOR FUNDING (CONCEPTUAL DESIGN STAGE)

1. RENOVATION OF THE UNIVERSITY AVENUE, UPV MIAGAO CAMPUS



Project Total Cost: 60M

Detailed Architectural and Engineering Design | FOR FUNDING

30M (2023)

30M (2024)

Implementation 2023 - 2024

Justification:

The construction of the avenue, marquee, and perimeter fence will give the campus a sense of identity and 'pride of place as a National University. The design is in accordance with the standard design of the UP facade, like other CUs of UP.

With the implementation of the proposed construction of the UPV Miagao Campus Avenue, the roadway project will decongest the main road/ entrance of the university, and accommodate larger traffic flow, thus eliminating bottle-necks at the main entrance. Moreover, pedestrian foot walks, bike lanes, and U-turn slots will be established. There will be a clear view of vehicles from both directions on the highway as well as coming from the main building.

**MASTER DEVELOPMENT PLAN
2021-2030
MIAGAO CAMPUS**

2. CONSTRUCTION OF ACCESS ROAD AND RETAINING SEAWALL AT THE CFOS WET AND DRY LABORATORY COMPLEX, UPV MIAGAO CAMPUS



Project Total Cost: 221.6M

Detailed Architectural and Engineering Design | FOR FUNDING

100M (2023)

70M (2024)

51.6M (2025)

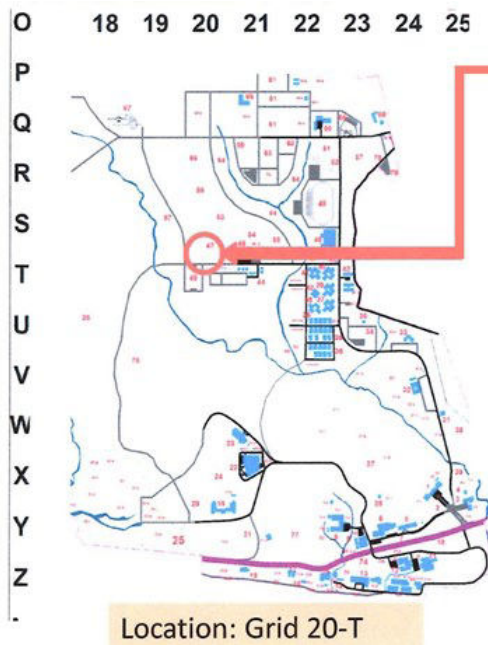
Implementation 2023 - 2025

Justification:

This is a 1-km coastal access road along the existing Wet and Dry laboratories (W&D Labs) of CFOS and the Diwata Aquascape area. The project aims to: (1) protect the main power line that runs from the W&D Labs to the new academic site where the new/planned buildings are located, (e.g., School of Technology, University Library, the Regional Research Center, and the future site of the CFOS research laboratories); (2) provide protection from tidal inundations; and (3) shield the existing teaching laboratories, hatchery facilities, and the Diwata Aquascape area. This project is expected to maximize the existing facilities while providing a better appreciation of the beach front/coastal area.

MASTER DEVELOPMENT PLAN 2021-2030 MIAGAO CAMPUS

3. INTERNATIONAL DORMITORY, UPV MIAGAO CAMPUS



Location Map



Perspective



Project Total Cost: 221.6M

Detailed Architectural and Engineering Design | FOR FUNDING

50M (2023)

40M (2024)

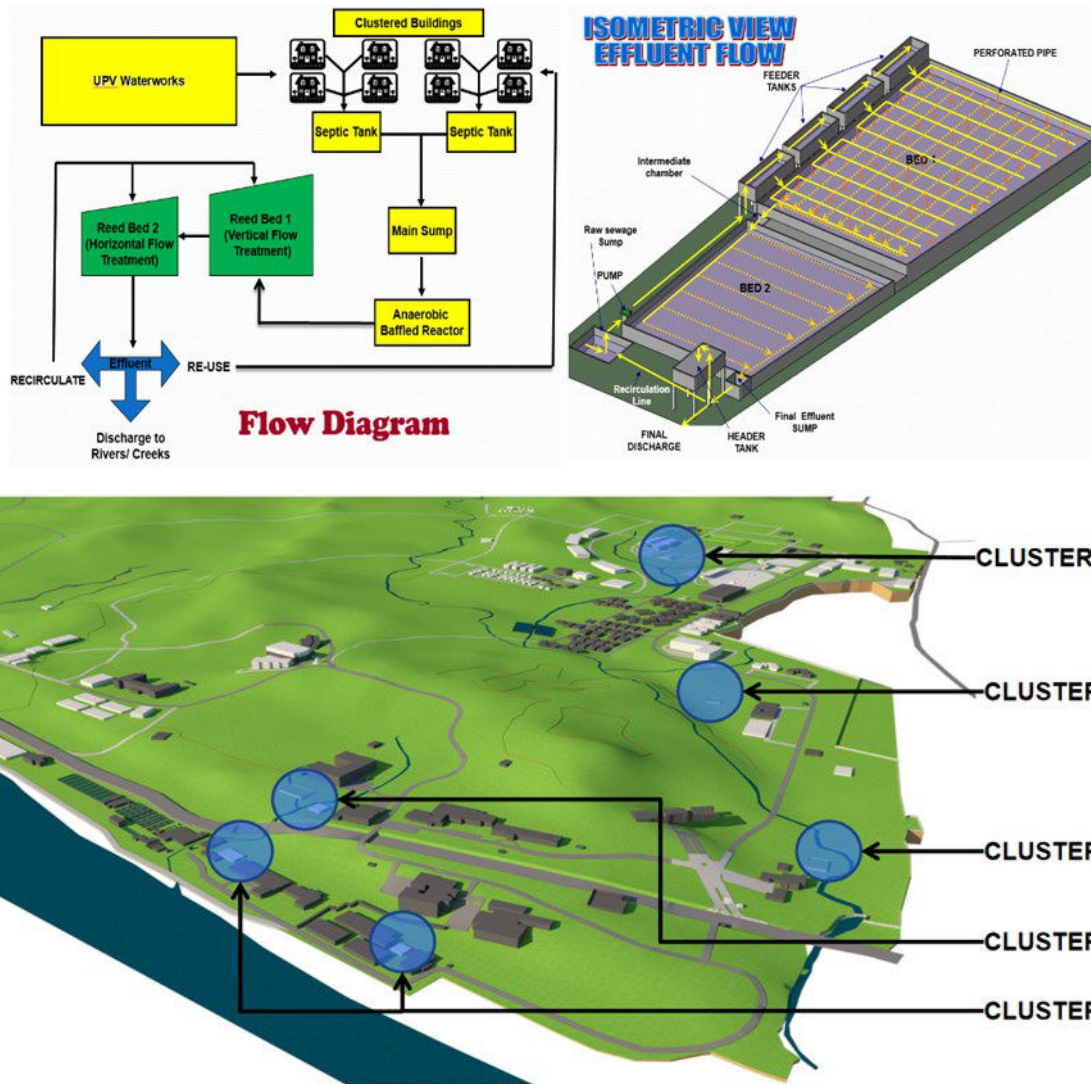
Implementation 2023 - 2025

Justification:

- The internationalization agenda of UPV includes the improvement and construction of facilities that will encourage robust collaboration with international institutions.
- The International Dorm will respond to the demand for three additional dormitories in Miagao with a projected additional student of 935 by the year 2031.
- User Facility: Researchers, students, faculty, conference attendees

MASTER DEVELOPMENT PLAN 2021-2030 MIAGAO CAMPUS

4. SEWAGE TREATMENT FACILITY (CLUSTER 1, 2, 3, 4, 5), UPV



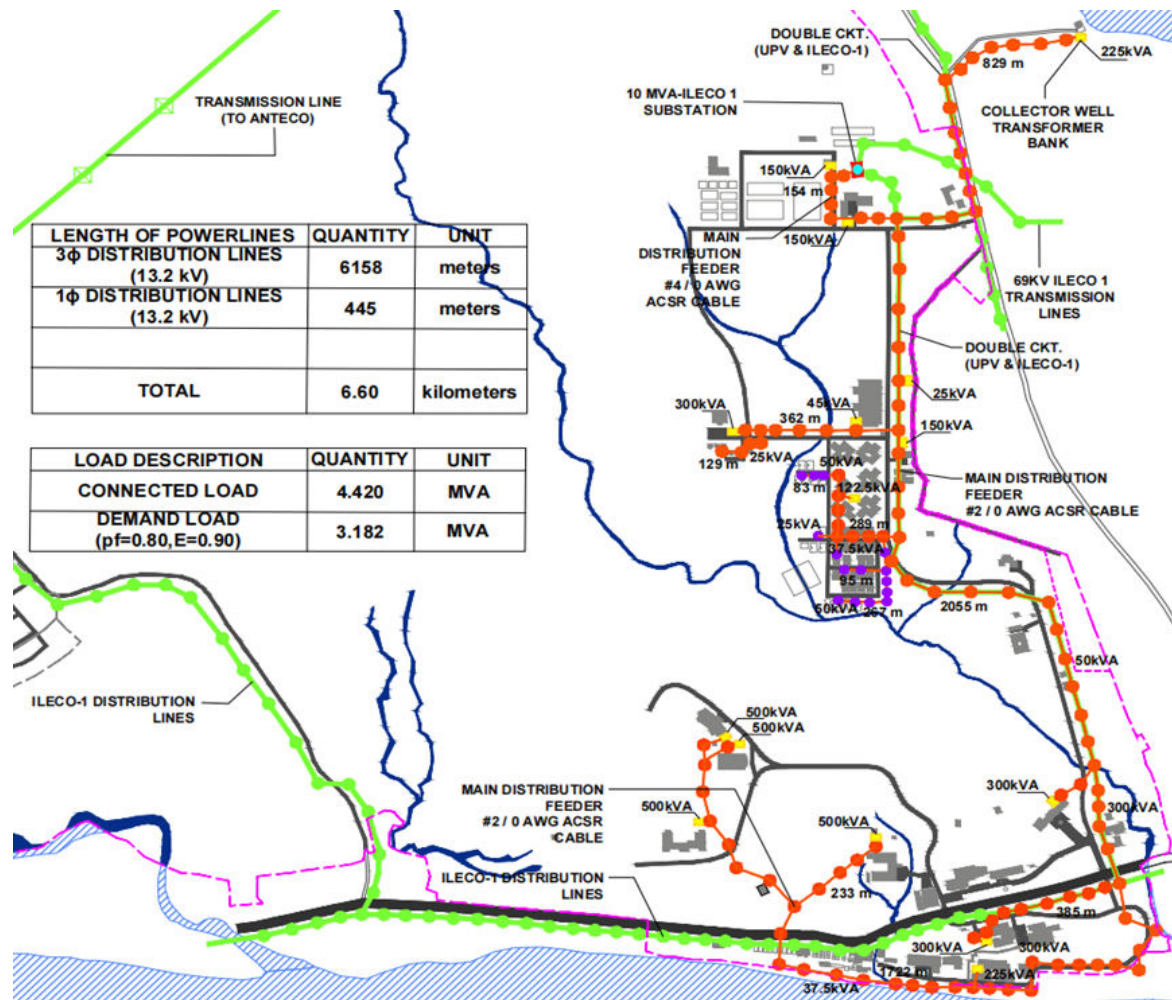
Project Total Cost: 60M | FOR FUNDING

Justification:

The University of the Philippines Visayas constructed a waste stabilization pond in 1994, to treat the wastewater effluent of student dormitories and staff housing units only. However, the University continues to construct additional buildings and facilities, which essentially contributed to the volume of wastewater discharges. The University needs to establish an additional sewage treatment plant to address its environmental concern, in particular the discharge of domestic wastewater from all buildings on campus. The Proposed Sewage Treatment Plant for Miagao Campus will comprise the clustering of adjacent buildings and it will be connected to a septic tank which will lead to an anaerobic tank and the constructed wetlands/reed beds.

MASTER DEVELOPMENT PLAN 2021-2030 MIAGAO CAMPUS

5. REPLACEMENT OF ROTTEN POLES WITH STEEL POLES AND PRIMARY LINES INTO INSULATED WIRE (TREE WIRE), UPV MIAGAO CAMPUS



Project Cost: 4M | FOR FUNDING

Justification:

The UPV Miagao campus electrical network was constructed more than 30 years ago, the existing electric poles also aged and have undersized lines. Replacement to Insulated wire (tree wire) will reduce power losses (distribution) and minimize power failure. The rehabilitation project will cover more or less 5.14 kilometers of road from the Wet and Dry Lab area to the Physical Plant Office area.



MASTER DEVELOPMENT PLAN 2021-2030 MAGAO CAMPUS

LONG TERM PROJECTS FOR FUNDING (ROAD DEVELOPMENT AND REHABILITATION)

1. REHABILITATION OF EXISTING UPV ROAD NETWORK



Project Total Cost: 96M

30M (2023) | FOR FUNDING

30M (2024)

36M (2025)

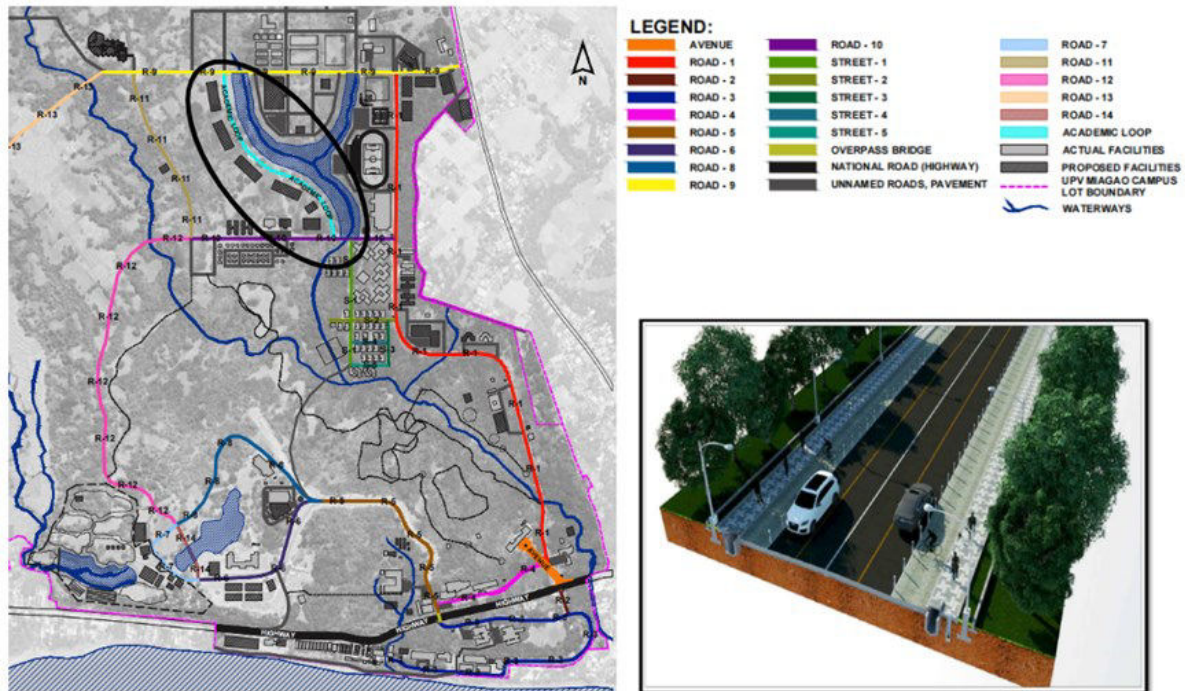
Implementation 2023 - 2025

Justification:

The UPV Magao campus road network was constructed more than 30 years ago so cracks are already noticeable in many portions of the road network that need to be rehabilitated. The project is to rehabilitate more or less 3.53 kilometers of road from the Wet & Dry Lab. to the CDMO area. The road network was made up of Portland concrete cement pavement (PCCP) and asphalt overlaid. Potholes, cracks, and uneven surfaces are common all throughout the stretch of the road network. Given these conditions, rehabilitation is direly needed to provide UPV constituents with comfortable access to various facilities within the university. The project activities for this project would include surface preparation, clearing and cleaning of the road to be rehabilitated, and asphalt overlay.

MASTER DEVELOPMENT PLAN 2021-2030 MIAGAO CAMPUS

2. CONSTRUCTION OF ROAD NETWORK (ACADEMIC LOOP)



Project Total Cost:
70M | FOR FUNDING

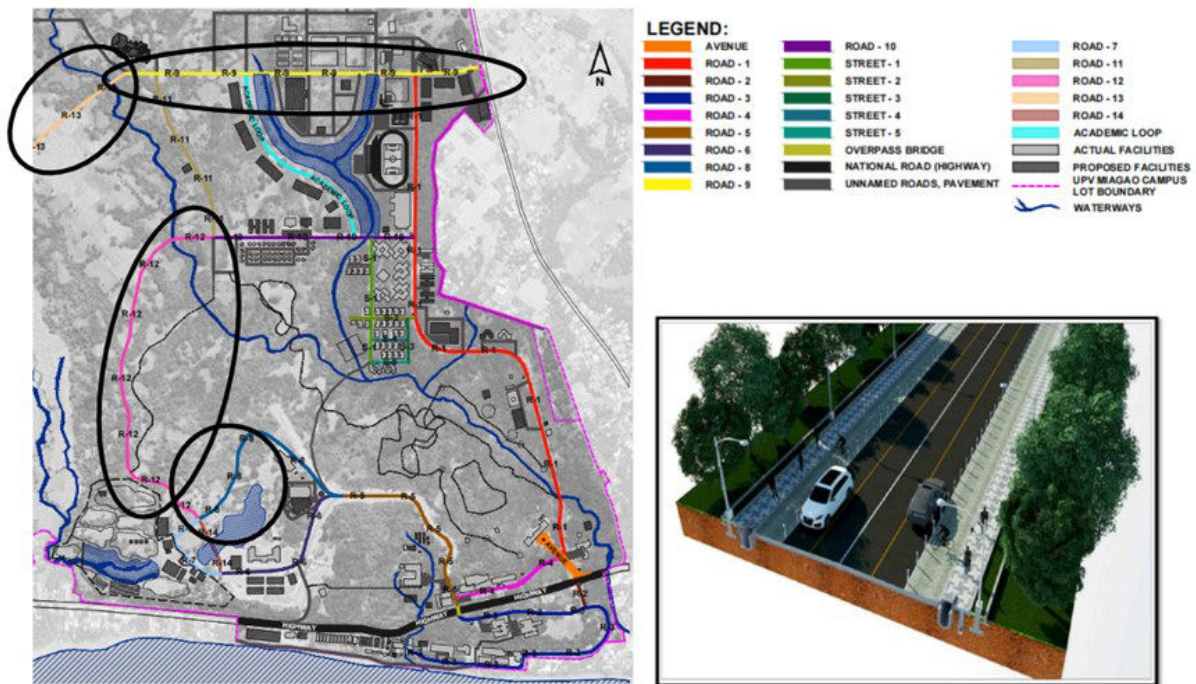
Implementation 2023 - 2024

Justification:

The construction of a road network (academic loop) is necessary for future developments in the area. Based on the UPV LUDIP, the area is zoned as the Academic Zone 1 composed of the new College of Arts and Sciences, College of Fisheries & Ocean Sciences and the College of Management buildings. In the development of this new academic site, an access road network is needed to ensure the connectivity and accessibility of facilities within the area as well as with other existing facilities of the University. Mobility of faculty, staff and students within the campus will also be easy once the road network is completed.

MASTER DEVELOPMENT PLAN 2021-2030 MIAGAO CAMPUS

3. UPV DEVELOPMENT MASTERPLAN (ROAD NETWORK; ROAD 8 CONTINUATION, ROAD 9, ROAD 12, ROAD 13)



Project Total Cost: 240M

100M (2025) | FOR FUNDING

140M (2028)

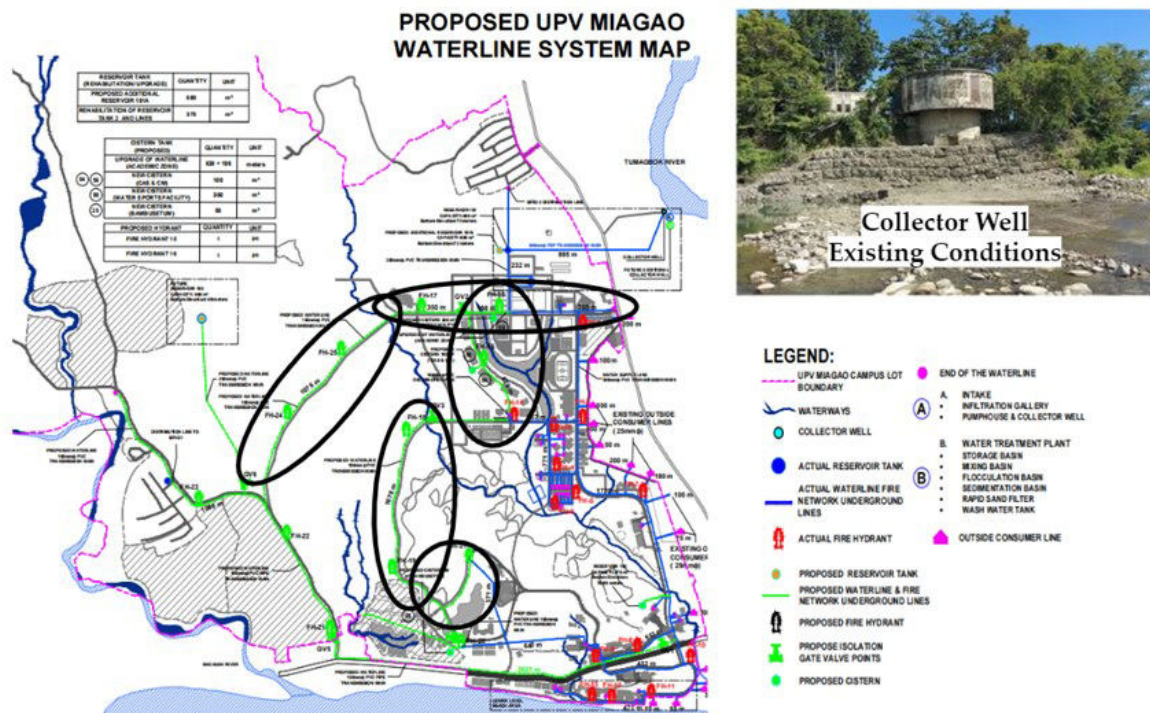
Implementation 2025 - 2030

Justification:

Road Development on campus is essential to provide good mobility, circulation and connectivity on existing facilities and ease of transportation on students in the whole university. A road with bike lane provision is to be constructed for a bike friendly university.

MASTER DEVELOPMENT PLAN 2021-2030 MIAGAO CAMPUS

4. UPV UTILITY DEVELOPMENT (WATERLINES, ELECTRICAL LINES, FIBER BACKBONE COMMUNICATION LINES, STREETLIGHTS, & DRAINAGE LINE; ROAD 8 CONTINUATION, ROAD 9,



Project Total Cost: 50M
50M (2025) | FOR FUNDING
50M (2028)

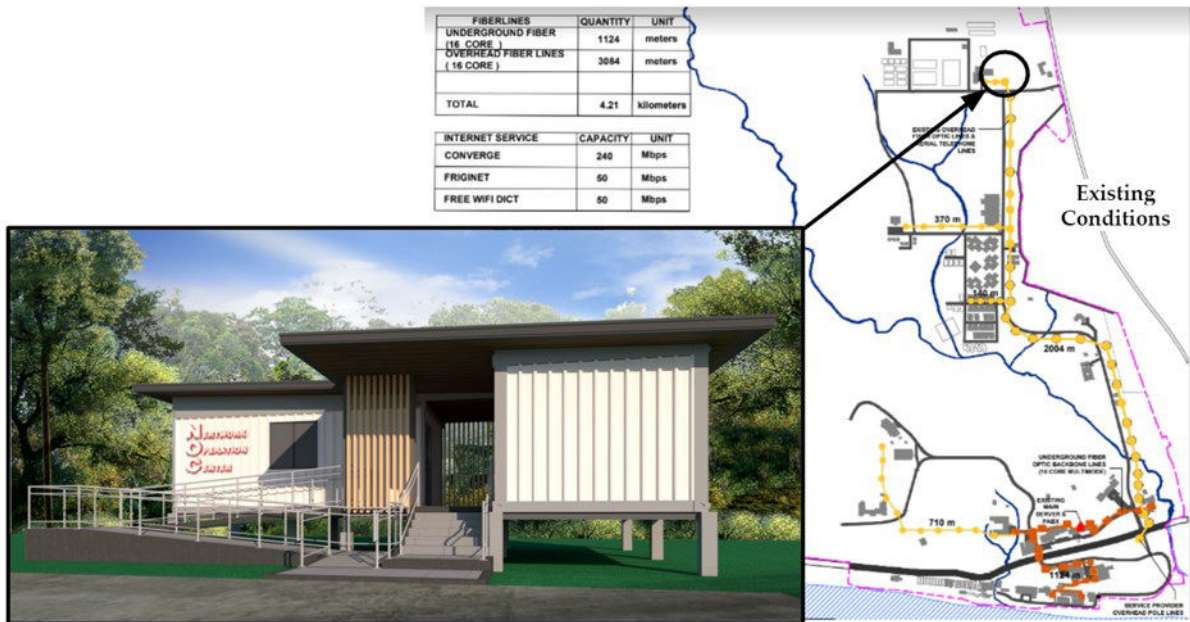
Implementation 2025 - 2030

Justification:

As UP Visayas, Miagao Campus future development continues, additional structures are to be constructed which require adequate power & water requirements. The university will provide additional power lines and water lines to provide quality service in offices, classrooms, dormitories, etc.

MASTER DEVELOPMENT PLAN 2021-2030 MIAGAO CAMPUS

5. UPV UTILITY DEVELOPMENT NOC (FIBER BACKBONE COMMUNICATION LINES)



Project Total Cost: 60M
(2022) | DICT FUND
(2023-2030) | FOR FUNDING

Implementation 2023 - 2030

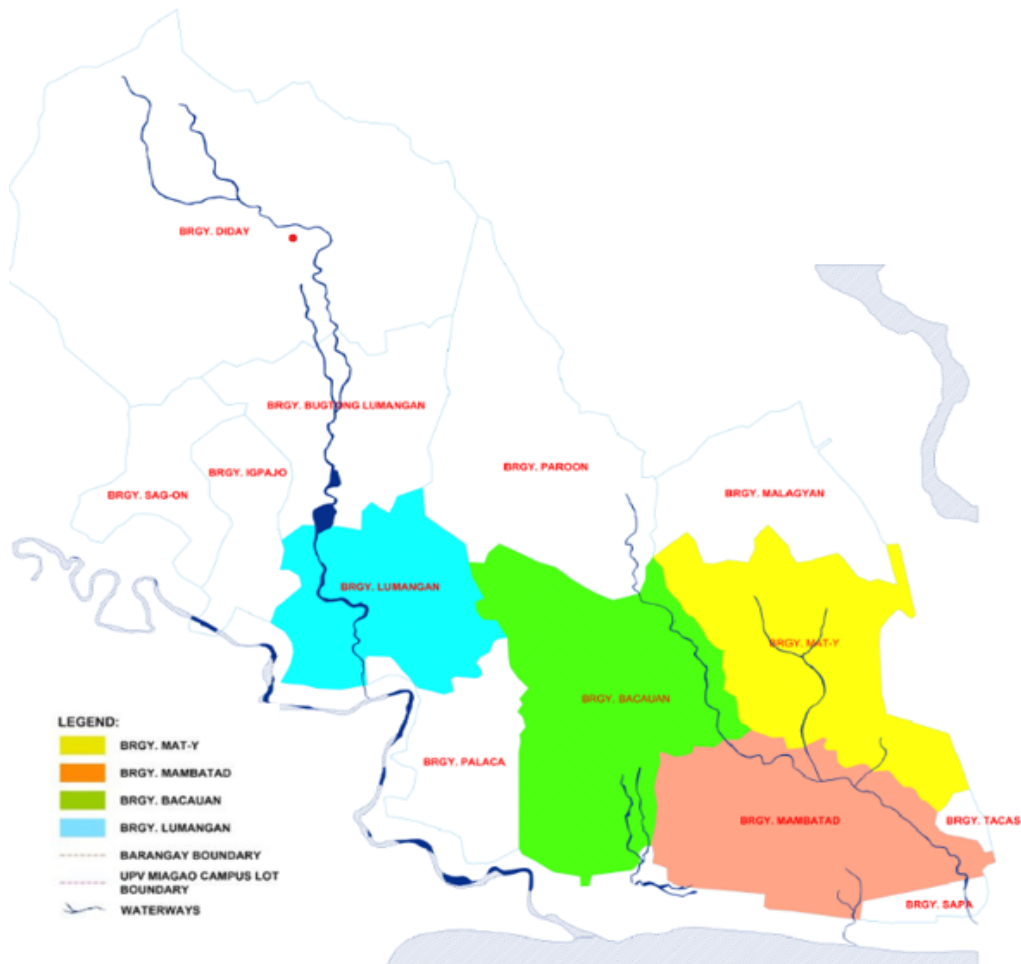
Justification:

As UP Visayas, Miagao Campus future development in internet & communication lines, upgrading of various academic, research, and academic support facilities for the adaptation of the new normal and in support of the hybrid system in UP Visayas.

A network operations center (NOC) will be constructed and adequate underground fiber lines to improve the speed and connectivity of the campus.

MASTER DEVELOPMENT PLAN 2021-2030 MIAGAO CAMPUS

6. LAND ACQUISITION



Project Total Cost: 250M
16M (2022) | FOR FUNDING
(2023-2030) | FOR FUNDING

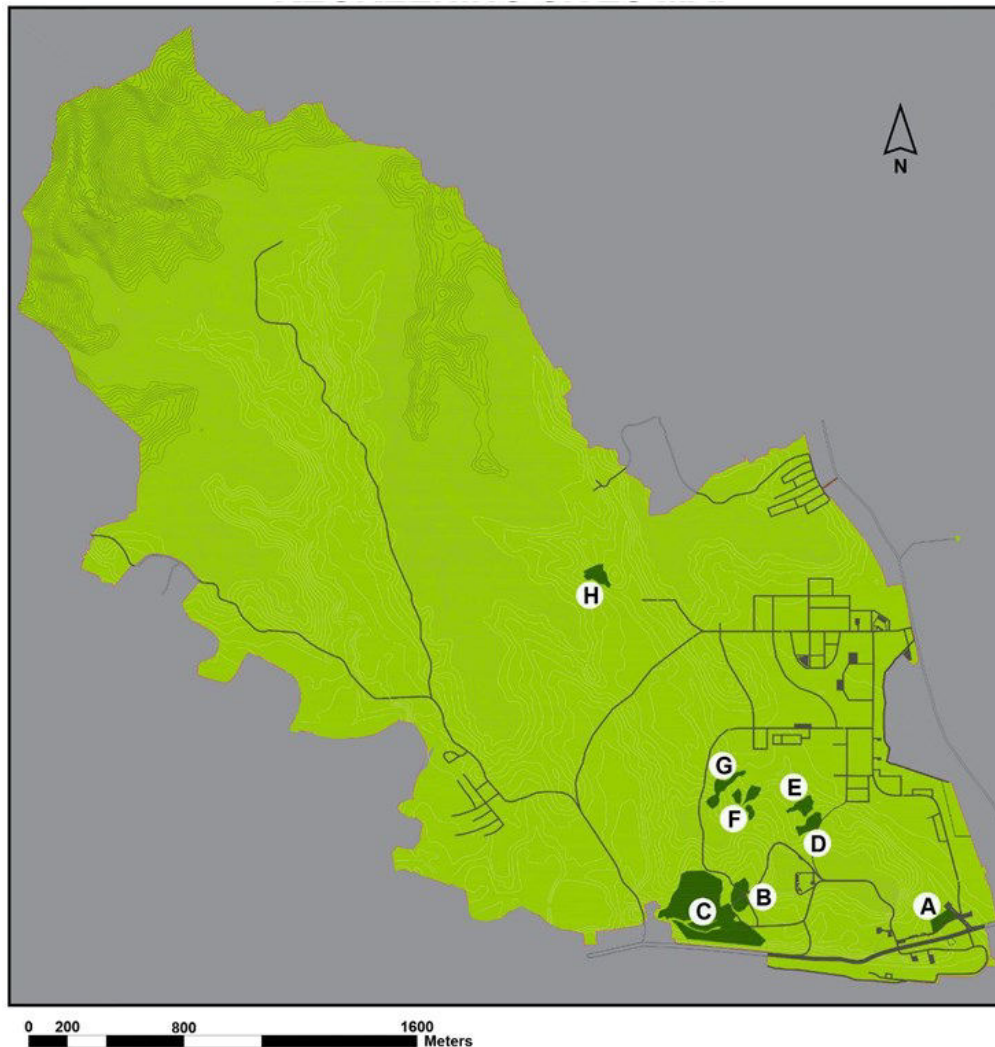
Implementation 2023 & beyond

Justification:

As per P.D. No. 1200 the university is allotted land for institutional purposes in Miagao. The payment of lots, affected people, and trees have yet to be completed and there are still at least 1,000 lots unpaid in Miagao. Development of such sites is affected when there are still unpaid people and properties. Moreover, engaging in long-term partnerships is also affected when lots located in the proposed Comm 1 have no proof of ownership (other than a tax declaration).

MASTER DEVELOPMENT PLAN 2021-2030 MIAGAO CAMPUS

7. REGREENING SITES



LEGEND:

(A) CHANCELLOR'S PARK	(F) TREE PLANTING SITE - 2
(B) UPV ALUMNI PARK	(G) TREE PLANTING SITE - 3
(C) BAMBUSETUM	(H) TREE PLANTING SITE - 4
(D) CENTENNIAL FOREST	UPV MIAGAO CAMPUS LOT BOUNDARY
(E) TREE PLANTING SITE - 1	ROAD

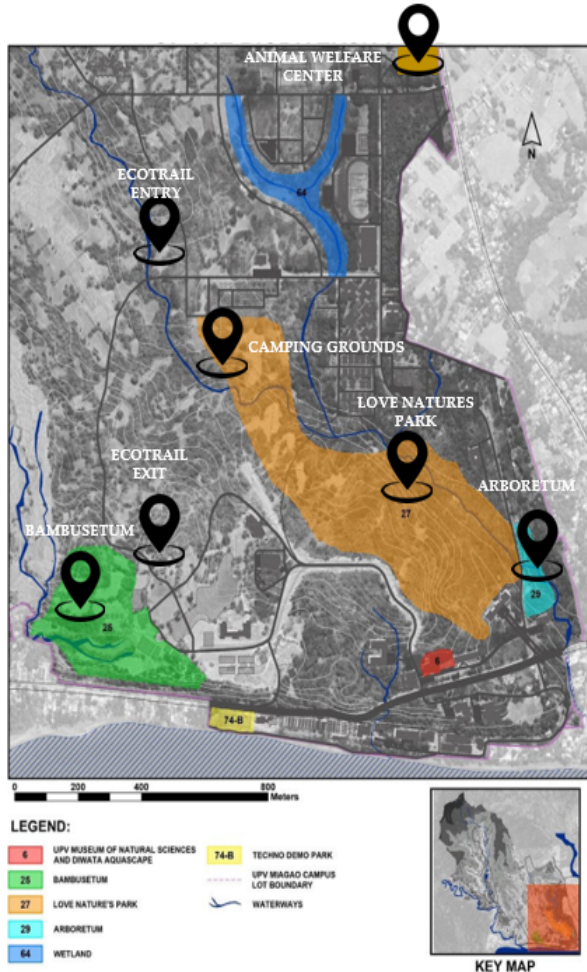
Justification:

The regreening projects aim to rehabilitate the environment in order to promote food security, environmental stability, and biodiversity conservation; and enhance climate change mitigation and adaptation. The regreening sites also aim to promote food security through fruit-bearing trees, and potential crops.

MASTER DEVELOPMENT PLAN 2021-2030 MAGAO CAMPUS

8. UPV Bio Diversity Eco Tourism Hub, Open Spaces, Landscape, Nature Trail, Camping Grounds,

- Camping Grounds
- Animal Care Center
- Eco Trail
- Love Natures Park
- Arboretum
- Wetland
- Techno Demo Park



CONSTRUCTION OF THE ANIMAL WELFARE CENTER: BALAY KALAGDAY

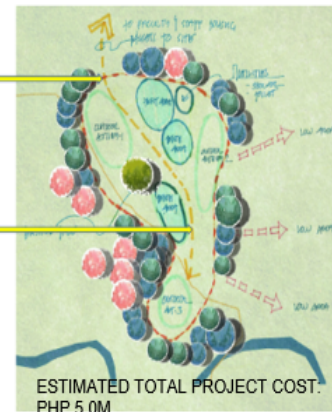
PROPOSED FUNDING SOURCE
Main - UPVFI
Others Sources - Donation, LGU



ESTIMATED TOTAL PROJECT COST:
PHP 5.3M

CAMPING GROUNDS

PROPOSED CAMPING GROUND SIGNAGES



ESTIMATED TOTAL PROJECT COST:
PHP 5.0M

9. Potential Income Generating Projects and Facilities

Potential Site or Projects

- UPV-Miagao Allotment (UMA) Garden
- Pueblo Verde Enterprise Hub
- Coco Hybrid Seed Farm
- S&T Park

A sample list of proposed special projects for income generation is presented on the next page.

MASTER DEVELOPMENT PLAN 2021-2030 MIAGAO CAMPUS

9. Potential Income Generating Projects and Facilities

Proposed Special Projects for Resource Generation

Project	Land Area	Description	Target Year	Implementing Office/Partner	Potential Funding Sources	Estimated Budget
1. UMA (UPV Miagao Allotment Garden)	13.5 HA Brgy. Lumanggan	A land development of 13.5 hectares located at Brgy. Lumanggan, Miagao, Iloilo into subdivision of gardens that is envisioned to be part of agri-tourism in the Province. This will be a garden patch for rent scheme.	2022	OVC/CPD (SARP,SDRP, FRAS)	DA DOST-PCAARRD	P3M (for built up areas/roads/utilities)
2. Chancellor's Park of Distinction and Gratitude	A1: 6995 sqm A2: 7254 sqm Admin Grounds	Enhancement and expansion of the existing Chancellor's Park in to area of celebrating excellence in all fields of expertise and venue to express appreciation to generous supporters and benefactors of the University.	2022	OVC/CPD, OC, OAR	UPAA-Iloilo Chapter	P1.5M (for built up areas/sculpture, etc)
3. Pueblo Verde Enterprise Hub	Area: 2.93 Ha Brgy. Mat-y	More than providing the supplies and services of the daily living existence of UPV constituents and neighboring communities, Pueblo Verde is envisioned to be an enterprise community of vibrant, creative and innovative entrepreneurs.	2023	UPV Employees Cooperative	PPP Scheme Private Investors	PPP Scheme
4. Coco Hybrid Seed Farm	Phase 1: 17.89 HA Brgy. Lumanggan	Proposed establishment of 17.89 ha Coconut Seedfarm using PCA recommended coconut variety. It will set up a coconut seedbed, nursery shed and coconut seed plantation for seednut production and other future related products. Coconut seednuts produced will support PCA replanting program in the region. The farm will be one of the components in the development of the S&T Park and will be incorporated as one of the R&D agenda of UPV.	2024	OVC/CPD (SARP,SDRP, FRAS) Colleges (CAS, SoTech)	PCA DOST-PCAARRD	PCA: P30M (25 Years) UPV: P5M (for MOOE, etc. -- after the first 5 yrs for 5 yrs) R&D- per proposal/grant
5. S&T Park/KIST	24.8 HA Brgy. Bakhawan	The S&T Park is an estate development and management of UPV in view of mainstreaming its mandate on research and extension at the fore of social and economic development. The proposed 24.8 hectare S&T Park is envisioned to be a hub wherein the major players from the government, industry and the academe converge. The park will focus on developing scientific and technological breakthrough in agri-aqua sector open to all fields of expertise.	2025	OVC/CPD, OVCRE, OVCAA, OVCA Colleges	DOST DA	P 500M
6. Bambusetum (on-going)	Total Area: 11.5516	Integrated bamboo development ranging from setting up of nursery, collection of bamboo species, processing and showroom that will serve as one of the agri-tourism in the Province.	On-going	School of Technology	DENR-ERDB CHED	

MASTER DEVELOPMENT PLAN 2021-2030 MIAGAO CAMPUS

Chapter 7. Monitoring and Evaluation Mechanisms for LUDIP and the PPAs

7.1 Monitoring and Evaluation Mechanism for LUDIP and the PPAs

Outcome-based monitoring and evaluation (M and E) system are set up to assess the extent to which the LUDIP is efficiently and effectively carried out. The M&E mechanism will also be used for the implementation of the Programs, Projects, and Activities (PPAs) on both campuses. Based on the investment programming workshops, UPV generally has two categories of PPAs: one category represents physical infrastructure projects, and the other category is projects related to the delivery of public service. The latter are PPAs that refer to services that respond to the social, economic, health, and cultural needs of communities. The delivery of services requires the use of physical facilities on campus and off-site where the public services projects are implemented.

UPV has a Monitoring and Evaluation system for infrastructure projects that is already in place. There is personnel under the Office of the Vice Chancellor for Planning and Development (OVCPD) that are designated to do regular reporting to the UP system's OVPDCares. The university also reports to NEDA Region 6 using their RPMES portal. The reporting is done by the OVCPD in close coordination with the offices of the OVCA-CDMO, OVCA-SPSO, and the Budget Office. The OVCPD also coordinates with the Office of the Vice Chancellor for Research and Extension (OVCRE) which is in charge of the reporting, monitoring, and evaluation of both research and public service projects. Research projects are handled by designated personnel under OVCRE while the public service projects are managed by the Office of Continuing Education and Pahinungod (OCEP).

The M and E mechanisms for the implementation of both LUDIP and hard infrastructure PPAs will be implemented under the Office of the Vice Chancellor for Planning and Development (OVCPD) in close coordination with the Office of the Vice Chancellor for Administration (OVCA) and other pertinent offices and committees. The Office of the Vice Chancellor for Research and Extension works closely with the relevant offices for research and public service-related Programs, Projects, and Activities (PPAs).

It is recommended that the enhanced monitoring and evaluation (M&E) mechanism of the LUDIP and PPAs will involve generally five (5) steps as illustrated in the flow chart below. Activities from Steps 1 to 3 are to be conducted at the UPV level (CU-level). Step 4, which includes activities related to the review of the LUDIP, is proposed to undergo a UP system-wide procedure that will also guide the CUs in doing their review of the content, format, and process of the LUDIP.

**MASTER DEVELOPMENT PLAN
2021-2030
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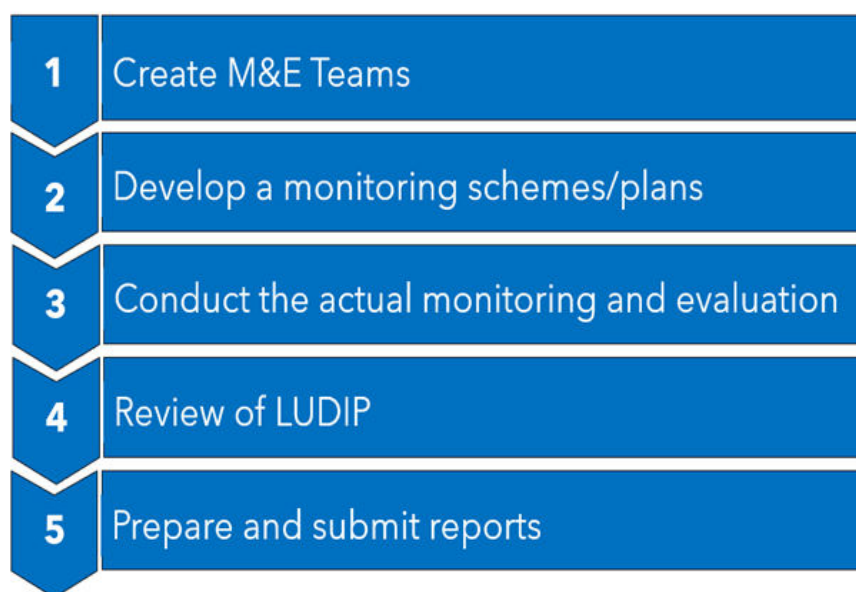


Figure 7-1. Flow Chart for Monitoring and Evaluation Mechanism of LUDIP and the PPAs

Details of each step are as follows.

1. Create monitoring and evaluation (M&E) teams

Monitoring and evaluation teams shall be formed by relevant institutional/ad-hoc committees or offices, depending on the nature of the programs and projects to be implemented. For infrastructure projects, UPV has established the UPV Iloilo City Campus Infrastructure Committee with regular members composed of officers and staff from the Office of the Vice Chancellor for Planning and Development and the Office of the Vice Chancellor for Administration. Specifically, the M&E team for infrastructure projects consists of members of the Physical Development Team of OVCPD, personnel from CDMO of OVCA, the infrastructure committee, and other stakeholders.

The Office of the Vice Chancellor for Research and Extension has an Office of Continuing Education and Pahinungod (OCEP) that is mandated to do M and E for public service PPAs. The Project M&E team (PMET) for public service grants is composed of teaching and non-teaching personnel of UPV depending on the project involved and subject to the decision of the OVCRE. The OCEP serves as the secretariat of PMET. UPV has created an Operations Manual on UPV Project Monitoring and Evaluation System for Regular Public Service Grants.

These teams for both categories of PPAs are coordinative in nature and mainly consist of personnel from relevant offices within UPV. Some PPAs may require counterpart members that will come from other institutions.

MASTER DEVELOPMENT PLAN 2021-2030 MIAGAO CAMPUS

2. **Develop monitoring and evaluation schemes/plans**

All campus and site development projects shall be implemented in accordance with the LUDIP. The progress of the PPAs shall be assessed and reported in view of achieving the project outputs, the outcomes to the stakeholders, and their overall contribution in achieving the vision of UPV and UP in general.

Each M&E team shall create their monitoring plan. This includes the determination of which programs and projects are to be included in the M&E, the establishment of important indicators and their baseline values, and the frequency and format to be used in the M&E. There shall also be evaluation to identify factors of success and failure, to assess the sustainability of the projects, and to determine its impact to the stakeholders and end-users.

For infrastructure projects, a yearly initial report shall be done on the physical and financial targets of all LUDIP-related on-going infrastructure projects and those projects that will be implemented in the current year. The report contains basic information such as the names of the projects, funding source, location, project cost, project schedule, and its financial and physical targets for the year. A weekly coordination with the Project Management Teams shall be made by the M&E team to collect the data needed. Quarterly summaries of physical and financial accomplishments will be done, as well as summaries of problem-solving sessions which include discussions of important issues and problems encountered in the implementation, suggested improvements in the projects, and agreements reached. A mid-term and ex-post evaluation shall be carried out.

For public service grants, projects that will be subject to M&E include those that are (1) university-funded with budgets of at least Php 100,000, (2) all externally funded public service projects including externally-funded projects under UPVFI that are reported as individual outputs for promotion, and training programs and (3) other types of regular public service activities with a duration of at least six months. The frequency of the M&E activities depends on the duration and nature of the projects and Chapter 8 of the Operations Manual for UPV Project Monitoring and Evaluation System for Regular Public Service Grants details the monitoring procedures.

3. **Conduct actual monitoring and evaluation**

Each M&E team shall implement the agreed monitoring plan and collect relevant data and information by coordinating with the different project management teams, relevant offices, and stakeholders. The teams shall conduct project monitoring sessions, consultations, and/or workshops to assess stages of implementation of programs and projects, land use changes, problems encountered in the implementation, and their impacts and sustainability. The teams shall prepare the M&E reports to be submitted to the Office of the Chancellor, the different project management teams, and other relevant offices for appropriate and immediate actions.

4. **Review of LUDIP**

A LUDIP review shall be conducted every five years or as the need arises. This will be done to identify areas of the plan that need replanning or updating, and to ensure conformity of the plan to current laws and guidelines. M&E reports from the previous years shall be the main material of this review.

5. **Prepare and submit reports**

The M&E teams prepare the M&E reports, findings, and recommendations, as well as the results of the review of LUDIP. The teams shall consolidate these reports and propose actions for revisions, amendments, and/or updating of LUDIP and the different programs and projects they are monitoring. These reports shall be submitted to the Office of the Chancellor, relevant offices and committees, and the different project management teams for appropriate actions.

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7.2 Financing the Monitoring and Evaluation Mechanism for LUDIP and the PPAs

Monitoring and evaluation (M&E) related activities need to be planned and properly budgeted at the early stages of program or project implementation planning. Since M and E is an integral part of a program or an intervention/project, the related expenses shall be included in the programs or project's overall budget of UPV.

A policy will be set in place for an M&E budget to constitute 3% to 10% of the overall project cost. The amount shall be sufficient so as not to compromise the accuracy and credibility of results. At the same time, the amount shall not divert project/program resources to the extent that programming is impaired.

Another proposed policy on M and E is that the costs must not be considered as organizational overhead costs (e.g. administration) especially if M and E is a function of the office. The M and E activities shall be part of the Line-Item Budget of the MOOE.

Table 7.1. Institutional Coordination and Monitoring Matrix

Catego- ries		Project Devel- opment Clas- sification	Key Units In- volved/ Administrative Arrangements	Organizational Design	Guidelines/ Sys- tem and Proce- dures/ Plans for Implementation	Policy and Legal Consid- erations
Physical and Land Use Plan- ning		I. Pre-Planning				
	1	Consultation with LGU, DPWH, City Engineers, and concerned agencies for projects and for future projects affecting the campus (e.g. road widening, drainage improvements)	OC, OVCPD, OVCA, and UPV officials	SUC Project Representatives Identification of Project Head or Leader Coordination with concerned agencies e.g. LGUs, DPWH, NHCP, DOTR, CHED	Planning, budget, and financial programming Existing Space Evaluation Monitoring and Evaluation Framework UP Colleges and Unit Requirements	Iloilo City CLUP, LUDIP Act (RA 11396), DPWH Project Policies
	2	Consultation with concerned UP colleges and units	OC, OVCPD, OVCA, Campus Infrastructure Committee (CIC), UP Colleges and Units	Coordination with concerned agencies e.g. LGUs, DPWH, DHSUD, NEDA	Stakeholder Consultation guidelines	Plan proposals from UP Colleges and Units

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Catego- ries		Project Devel- opment Clas- sification	Key Units In- volved/ Administrative Arrangements	Organizational Design	Guidelines/ Sys- tem and Proce- dures/ Plans for Implementation	Policy and Legal Consid- erations
		II. Planning				
	1 .	UP Visayas LUDIP	OC, OVCPD, OVCA, Campus Infrastructure Committee, UPV Officials, UP System Officials	SUC TWG Coordination with concerned agencies e.g. CHED, DPWH	Resource mobili- zation; Financial Schemes; Fund Source; Internal planning pro- posals for ap- proval of UP System/ BOR; Joint planning and brainstorm- ing process	LUDIP Act (RA 11396) and Integration of Plans
	2 .	UP Visayas Master Plan	OC, OVCA, OVCPD, OVCA, UPV Officials, UP System Officials	SUC TWG		LUDIP Act (RA 11396)
		III. Implementation				
	1 .	Facility Space Plan	OVCA, OVCPD	Institutional capability of technical per- sonnel to de- sign projects; Sourcing of internal con- sultants if CU does not have an expert; Construction Management Team	Guidelines for implementing government pro- jects; Phasing Plan; Project Monitoring pro- cedures	RA 9184; Ap- proved LUDIP Design Stand- ards
	2 .	Road Net- works Im- provement				
	3 .	Open Space Improvement			2015 UP Cam- pus Design and Development Principles and Guidelines, 2021 UP Biodiversity Management Guidelines	

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Categories		Project Development Classification	Key Units Involved/ Administrative Arrangements	Organizational Design	Guidelines/ System and Procedures/ Plans for Implementation	Policy and Legal Considerations
		IV. Post Planning and Monitoring				
	1.	Maintenance and Upgrading	OVCA, UPV Colleges, and Units, OVCPD	The institutional capability of maintenance personnel	Building Maintenance Process Flow and Guidelines; ISO Procedural Flow	UP Administration Manual; ISO Certification Procedures
Infrastructure and Building		I. Pre-Planning				
	1.	Capital Outlay	Campus Infrastructure Committee, OC (Budget Office), OVCRE, OVCA, OVCPD, OVCA, UPV Officials, UP System Officials	SUC Project Representatives Identification of Project Head or leader; CAC concerned personnel for project planning and coordination, Coordination with concerned agencies e.g. CHED, DPWH	UPV LUDIP, UPV Master Plan; Planning, budget, and financial programming Existing Space Evaluation Monitoring and Evaluation Framework UP Colleges and Units requirements	UPV LUDIP; Existing Facilities Audit; Proposed Facilities
	2.	UP Visayas Internal Funds	OC (Budget Office), OVCPD, OVCA, OVCRE, UPV Officials			

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Categories		Project Development Classification	Key Units Involved/ Administrative Arrangements	Organizational Design	Guidelines/ System and Procedures/ Plans for Implementation	Policy and Legal Considerations
		II. Planning and Design				
	1.	New Construction	OVCPD, OVCA, Campus Infrastructure Committee, UPV Officials, UP System Officials, Stakeholders,	SUC Project Leader and Project Representatives; Institutional capability of technical personnel to design projects; Sourcing of internal consultants if CU does not have an expert Coordination with concerned agencies e.g. CHED, DPWH	CO documents preparation for the approval of the GAA or internal funds; Design Standards for New Construction; UP System approval and endorsement; Updating of the LUDIP every 5 years Resource mobilization	NBCP (PD 1096), Fire Code (RA 9514), Accessibility Code (BP 344), National Structural Code of the Philippines (RA 6541); Plumbing Law/ National Plumbing Code of the Philippines (RA 1378), Electrical Code of the Philippines (RA 7920), Philippine Mechanical Engineering Act (RA 8495); BOR approved UPV LUDIP; UP System and Government processes for approval

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Catego- ries		Project Devel- opment Clas- sification	Key Units In- volved/ Administrative Arrangements	Organizational Design	Guidelines/ Sys- tem and Proce- dures/ Plans for Implementation	Policy and Legal Consid- erations
	2 .	Interior Reno- vation	OC (Budget), OVCA, OVCPD, UPV Officials, Equipment Out- lay Committee	Coordinate with affected offices	CO documents preparation for the approval of GAA or internal funds Design Standards for Interior Renova- tions; UP System approval and endorsement Resource mobili- zation	Conservation Management Plan and Inter- ior Design Guidelines; National Cul- tural Heritage Act (RA 10066); NBCP (PD 1096), Fire Code (RA 9514), Acces- sibility Code (BP 344), Na- tional Structural Code of the Philippines (RA6541); Plumbing Law! National Plumbing Code of the Philippines (RA 1378), Electrical Code of the Philippines (RA 7920), Philippine Me- chanical Engi- neering Act (RA 8495); BOR approved UPV LUDIP; UP System and Govern- ment process- es for approval

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Catego- ries		Project Devel- opment Clas- sification	Key Units In- volved/ Administrative Arrangements	Organizational Design	Guidelines/ Sys- tem and Proce- dures/ Plans for Implementation	Policy and Legal Consid- erations
	3 .	Heritage Preservation	OC, OVCPD, Campus Infra- structure Com- mittee, UPV Officials, UP System Officials	Heritage Con- servation Com- mittee (for cre- ation) Coordinate with concerned Agencies such as the heritage Council of Iloilo City, NHCP	Conservation Management Plan. and Rec- ommendations; Capital Outlay documents pre- paration for the approval of GAA or internal funds; UP System ap- proval and en- dorsement; Up- dating of the LUDIP every 5 years Resource mobilization	Conservation Management Plan; National Cultural Herit- age Act (RA 10066), NBCP (PD 1096), Fire Code (RA 9514), Acces- sibility Code (BP 344), Na- tional Structur- al Code of the Philippines (RA 6541); Plumbing Law; National Plumbing Code of the Philippines (RA 1378), Electrical Code of the Philippines (RA 7920), Philippine Me- chanical Engi- neering Act (RA 8495); BOR approved UPV LUDIP; UP System and Govern- ment process- es for approval
	4 .	Utility Upgrad- ing	OVCA, OVCPD, Concerned UPV offices, and officials	Coordinate with concerned agencies	Audits for Utilities	Structural Code; BOR approved UPV LUDIP; UP System and Government processes for approval

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Catego- ries		Project Devel- opment Clas- sification	Key Units In- volved/ Administrative Arrangements	Organizational Design	Guidelines/ Sys- tem and Proce- dures/ Plans for Implementation	Policy and Legal Consid- erations
		III. Implementation				
	1 .	Government Funds	OVCA, OVCPD, OC (Budget Office) UPV Officials, UP System Officials	SUC Project Leader and Project Repre- sentatives Coordinate with concerned agencies e.g. as CHED, DPWH, NHCP, DENR	Guidelines for implementing government pro- jects; Phasing Plan	RA 9184
	2 .	UP Visayas Funds	OVCA, OVCPD, OC (Budget Office) UPV Officials, UP System Officials	Institutional capability of technical per- sonnel to de- sign projects: Sourcing of internal consult- ants if CU does not have an expert; Con- struction Man- agement Team Coordinate with concerned agencies e.g. as CHED, DPWH, NHCP, DENR	Project Monitoring procedures; Re- source mobiliza- tion	RA 9184
	3 .	Private Fund	OC, OVCPD, UPV Officials, UP System Offi- cials, CDMO	SUC Project Leader and Project Repre- sentatives; Consultants as provided by the donor Construc- tion Manage- ment Team Alumni, Alumni Associations, UPV Founda- tion Inc.	Project Monitoring procedures; Re- source monitoring	MOA and exe- cution of the project

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Categories		Project Development Classification	Key Units Involved/ Administrative Arrangements	Organizational Design	Guidelines/ System and Procedures/ Plans for Implementation	Policy and Legal Considerations
		IV. Post Construction (Building Maintenance)				
	1	Job Order Requests	UP Colleges and Units, CDMO and Building Maintenance Team, Preventive Maintenance Service Providers	The institutional capability of building administration; Institutional capability of maintenance personnel or outsourced maintenance personnel	Building Maintenance Process Flow and Guidelines; ISO Procedures; ISO Procedural Flow	UP Administration Manual; ISO Certification Procedures
	2	Small Projects				
		Small value	OVCA, UP Colleges, and Units, Preventive Maintenance Service Providers	The institutional capability of outsourced maintenance personnel; Institutional capability of project procurement	Guidelines for implementing government projects; Phasing Plan	UP Administration Manual; ISO Certification Procedures
		Pakyaw	OVCA	The institutional capability of outsourced maintenance personnel; Institutional capability of materials procurement	Project Monitoring procedures; Resource mobilization	UP Administration Manual; ISO Certification Procedures

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Catego- ries		Project Devel- opment Clas- sification	Key Units In- volved/ Administrative Arrangements	Organizational Design	Guidelines/ Sys- tem and Proce- dures/ Plans for Implementation	Policy and Legal Consid- erations
Field La- boratories and Re- search Facilities	1 .	UP Visayas Internally fund- ed research	College Deans, OVCRE, OVCAA	Coordinate with OVCA, OVCPD, and partner institu- tions e.g. LGU, NGOs for equi- ty	Project Monitor- ing procedures; Resource mobili- zation	UP Admin- istration Manu- al; ISO Certifi- cation Proce- dures
	2 .	Partnership with other re- search govern- ment agencies concerned such as DOST and CHED	College Deans, OVCRE, OVCAA	Coordinate with OVCPD, OVCA, and concerned institutions e.g. DOST, CHED, NHCP	Project Monitor- ing procedures; Resource mobili- zation	UP Admin- istration Manu- al; ISO Certifi- cation Proce- dures
	3 .	Partnership with Private Companies	College Deans, OVCRE, OVCAA	Coordinate with OVCPD, OVCA, and private compa- nies	Project Monitor- ing procedures; Resource mobili- zation	UP Admin- istration Manu- al; ISO Certifi- cation Proce- dures
Environ- mental Protection	1 .	Projects for implementation that requires environmental protection	Biodiversity Committee, OVCRE <i>Campus Infrastructure Committee</i>	Coordinate with OVCAA, OVCPD, OVCA, and other institu- tions e.g. DENR, EMB, NGOs	Project Monitor- ing procedures; Resource mobili- zation	UP Admin- istration Manu- al; ISO Certifi- cation Proce- dures
Tourism and Herit- age	1 .	Projects for implementation with thrusts on tourism and heritage preservation	Heritage Con- servation <i>Com- mittee, Campus Infrastructure Committee</i>	Coordinate with OVCAA, OVCPD, OVCA, and other institu- tions e.g. DENR, EMB, NGOs NHCP, NCCA	Project Monitor- ing procedures; Resource mobili- zation	UP Admin- istration Manu- al; ISO Certifi- cation Proce- dures

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Catego- ries		Project De- velopment Classifica- tion	Key Units In- volved/ Administrative Arrangements	Organization- al Design	Guidelines/ System and Procedures/ Plans for Implementa- tion	Policy and Legal Considerations
Solid Waste and Pollution Prevention	1 .	Solid Waste and Pollution Management	CDMO, Concerned Offices, Barangays within UPV property with resettlement sites (Sitio 1 and Sitio 2)	LGU, DENR, EMB	Solid Waste Management Plan	RA 9003 Ecological Solid Waste Management Act of 2000, PD 825 Penalty for improper disposal of garbage, RA 6969 Toxic Substances and Hazardous and Nuclear Waste Act of 1990, RA 8749 Clean Air Act of 1999, RA 9275 Philippine Clean Water Act of 2004, RA9512 Environmental Awareness and Education Act of 2008, RA9513 Renewable Energy Act of 2008, RA 9729 Climate Change Act of 2009, PD 856 Code of Sanitation of the Philippines, PD 1586 Environmental Impact Assessment Law, DENR AO 1993- 90 Project management office on solid waste management, EO 2004-301 Establishing Green Procurement Program and National Eco-Labeling Program

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Catego- ries		Project Devel- opment Clas- sification	Key Units In- volved/ Administrative Arrangements	Organizational Design	Guidelines/ Sys- tem and Proce- dures/ Plans for Implementation	Policy and Legal Consid- erations
Traffic Routes		Operations & Maintenance	OVCA, OVCPD, Campus Infra-structure Committee	Coordinate with the college for assistance in the database and with concerned institutions e.g. DPWH, LGU	Traffic Management Plan	Traffic Management Plan of the LGU
Sports Facilities		Operations & Maintenance	OVCA, OVCPD, Campus Infra-structure Committee, Equipment Outlay Committee	Coordinate with the college for assistance in the database and with concerned institutions e.g. DPWH, LGU, CHED	Updated Housing Guidelines, Infra-structure Plan	Applicable standards, codes
Housing		Operations & Maintenance	OVCA	Coordinate with OVCPD and concerned institutions e.g. DPWH, LGU, DHSUD (for resettlement areas)	Housing Plan	Applicable standards, codes
IGP and Commercial Spaces		Operations & Maintenance	OVCPD, OVCA, IGP Committee	Coordinate with OVCAA, OVCRE, and concerned agencies	Resource Generation Plan	Applicable standards, codes
Land Property Acquisition & Management		Appraisal, Acquisition, Operations, Disposal	OVCPD, UP system	Coordinate with LGUs and concerned agencies e.g. ROD, DENR, DHSUD	UDHA 1992, BOR-approved policies, plans, and guidelines	Land Acquisition and Re-settlement Plan

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Table 7-2. Work Plan UPV Miagao Campus

Components	Projects	Committees Involved	External Partners	Time Frame	Output
Land Acquisition and Management	Appraisal, Acquisition, Operations, Disposal	OVCPD, UP system	ROD, DENR, DHSUD	Long Term	LARAP, Tax Declaration, Land Titles
Policies and Guidelines	Creation of University Zoning Ordinance			Short Term	
Plans	Flora and Fauna Audit and Plan	Biodiversity Committee	DENR, Other UP CUs	Short Term	
Committees	Creation of Committees			Short Term	
Locational Clearance and Design Concept Plans	CAS Design Concept Plan	College, UPV Campus Infra Committee (OC, OVCPD, OVCA)		Short Term	
	College of Management Design Concept Plan	College, UPV Campus Infra Committee (OC, OVCPD, OVCA)		Short Term	
	International Dormitory Design Concept Plan	College, UPV Campus Infra Committee (OC, OVCPD, OVCA)		Short Term	
	Event Center Complex Design Concept plan	College, UPV Campus Infra Committee (OC, OVCPD, OVCA)	Provincial LGU	Long Term	

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Components	Projects	Committees Involved	External Partners	Time Frame	Output
Detailed Architectural and Engineering Design	DAED Bidding for Water Sports Training Facility			Short Term	
	Renovation of University Avenue, Miagao Campus,			Short Term	
	Design and Construction Phase			Short Term	
Audits	PWD Accessibility Audit Plan	Accredited Resource Person and Concerned Agencies (BFP, DHSUD)		Short Term	
	Fire Safety Audit and Plan	Accredited Resource Person and Concerned Agencies (BFP, DHSUD)		Short Term	
	Land and Housing Audit and Plan	Accredited Resource Person and Concerned Agencies (BFP, DHSUD)		Short Term	
Campus Road & Utility Rehabilitation	Campus Rehabilitation Development	College, UPV Campus Infra Committee (OC, OVCPD, OVCA)	DPWH	Medium Term	
	Rehabilitation of Existing UPV Road Network	College, UPV Campus Infra Committee (OC, OVCPD, OVCA)	DPWH	Medium Term	
	Replacement of Rotten Poles Electrical to Steel Poles	College, UPV Campus Infra Committee (OC, OVCPD, OVCA)	ILECO I	Medium Term	
	Watersports and Training Facility, Construction Phase	College, UPV Campus Infra Committee (OC, OVCPD, OVCA)	Sports Commission and other agencies	Medium Term	

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Components	Projects	Committees Involved	External Partners	Time Frame	Output
Facility Development	Construction of Academic and Sport Facility	College, UPV Campus Infra Committee (OC, OVCPD, OVCA)	DPWH	Medium Term	
	CAS Bldg. II, Construction Phase	College, UPV Campus Infra Committee (OC, OVCPD, OVCA)		Medium Term	
	CM Bldg. Construction Phase	College, UPV Campus Infra Committee (OC, OVCPD, OVCA)		Medium Term	
	International Dormitory Phase	College, UPV Campus Infra Committee (OC, OVCPD, OVCA)		Medium Term	
	Construction of Sewage Treatment Plant Facility	CDMO, SOTECH	Municipal LGU, MENRO	Medium Term	
	Construction of Road Network (Academic Loop), Academic Zone	CDMO, PDT	DPWH	Medium Term	
	Construction of Access Road and Retaining Seawall at the CFOS Wet and Dry Laboratory Complex (Dalan ni Diwata)	CDMO, PDT	DPWH	Medium Term	
	Demolition of Unsafe Structures	CDMO		Medium Term	
Sports Facility for Physical Education	Construction of Events Center cum Sports Complex, UPV Miagao Campus	CDMO, PDT	DPWH	Medium Term	
Future roads and utility development UPV Development Plan	(Road Network with Bike Lanes) (Miagao Campus) (Libut & Tiyog)	University Wide Organizations	DPWH, Municipal LGU	Long Term	

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Components	Projects	Committees Involved	External Partners	Time Frame	Output
UPV Utility Development	Water, Electrical Lines, Fiber Backbone Communication Lines, Streetlights, Drainage Lines (Miagao Campus)	ITDC	ILECO I, Municipal LGU,	Long Term	
UPV Biodiversity Eco-Tourism Hub,	Open Spaces Landscapes, Nature Trail, Camping Grounds	Biodiversity Committee	DOT, Municipal LGU, DENR,	Medium Term	
Land Property Acquisition & Management for Campus Development			DHSUD, ROD, LMB, LRA, Bureau of Lands	Long Term	

ANNEX A – FORM 1_SORTED AND RANKED PPAs BASED ON FINAL SCORES PER COLLEGE

LUDIP INVESTMENT PROGRAMMING (Sorted and Ranked PPAs Based on Final Scores Per College) As of September 15, 2021

Office/ College	Program	Code	Projects	Proponents	1 - New 2 - Existing/ Renovations	Urgency Test	GAM Test (1 - lowest to 5- highest)				Final Score	Rank
							C1: (Relevance) Demonstrates the mandate/ thrust of the university (instruction, research, public service)	C2: (Inclusivity) Is transdiscipli- nary/requires inter-agency/ intra-UPV office partnership	C3: (Efficiency) Administrative efficiency	Average Score (GAM)		
COLLEGE OF ARTS AND SCIENCES (CAS)												
CAS	Enhance support mechanism to enhance and sustain leadership in research, instruction, and public service	CAS Proj. 003	Construction of a foot-bridge connecting the Tomas Fonacier Building to the area where the Zoology Shed is located	CAS	1	5	5	5	5	5.00	5.00	1 - 21
CAS	Enhance support mechanism to enhance and sustain leadership in research, instruction, and public service	CAS Proj. 001	Construction of new CAS Building (CAS 2), Phase 1	CAS	1	5	5	5	5	5.00	5.00	1 - 21
CAS	Enhance support mechanism to enhance and sustain leadership in research, instruction, and public service	CAS Proj. 004	Construction of Chemical and Solid Waste Disposal/Treatment Facility for CAS	CAS	1	5	5	5	5	5.00	5.00	1 - 21
CAS	Enhance support mechanism to enhance and sustain leadership in research, instruction, and public service	CAS Act. 003	Establish/ create CAS website	CAS	1	5	5	5	5	5.00	5.00	1 - 21
CAS	Enhance support mechanism to enhance and sustain leadership in research, instruction, and public service	CAS Act. 004	Establish linkages with international HEIs for faculty, staff, student exchanges as well as teaching research/ creative/ public service collaborations	CAS	2	5	5	5	5	5.00	5.00	1 - 21
CAS	Development/ upgrade/ establishment of facilities/space (teaching and research labs, faculty room, unit offices), parking space, No. of audio-visual rooms, studios, cultural/performing arts venues, etc.	CAS Proj. 005	Construction of the Events Center cum Sports Complex	CAS	1	5	5	5	5	5.00	5.00	1 - 21
CAS	Enhancement of Faculty Profile and Qualifications	CAS Act. 001	Encourage junior/ qualified faculty members to pursue Ph.D. degrees	CAS	2	5	5	5	5	5.00	5.00	1 - 21

Office/ College	Program	Code	Projects	Proponents	1 - New 2 - Existing/ Renovations	Urgency Test	GAM Test (1 - lowest to 5- highest)				Final Score	Rank
							C1: (Relevance) Demonstrates the mandate/ thrust of the university (instruction, research, public service)	C2: (Inclusivity) Is transdiscipli- nary/requires inter-agency/ intra-UPV office partnership	C3: (Efficiency) Administrative efficiency	Average Score (GAM)		
CAS	Enhancement of Faculty Profile and Qualifications	CAS Act. 002	Employ experts from other CUs/cities/ provinces to improve faculty profile, strengthen the curricula and address gaps in faculty expertise	CAS	2	5	5	5	5	5.00	5.00	1 - 21
CAS	Enhance support for various teaching and learning approaches	CAS Proj. 008	Establishment of CAS Research and Learning Village	CAS	1	5	5	5	5	5.00	5.00	1 - 21
CAS	Enhance support for various teaching and learning approaches	CAS Act. 007	Upgrade research facilities through procurement of specialized equipment	CAS	2	5	5	5	5	5.00	5.00	1 - 21
CAS	Enhance support for various teaching and learning approaches	CAS Act. 008	Improve and upgrade research laboratories and studio equipment	CAS	2	5	5	5	5	5.00	5.00	1 - 21
CAS	Enhance support for various teaching and learning approaches	CAS Act. 005	Encourage submission of proposals for external funding and to build up equipment portfolio	CAS	2	5	5	5	5	5.00	5.00	1 - 21
CAS	Enhance support for various teaching and learning approaches	CAS Act. 006	Establish partnerships with Private Sector, Industry, NGAs, and NGOs through MOU/ MOA for research collaboration	CAS	2	5	5	5	5	5.00	5.00	1 - 21
CAS	Enhance support mechanism to enhance and sustain leadership in research, instruction and public service	CAS Proj. 014	Retrofitting and upgrading of CAS Building (Tobias Fornier)	CAS	2	5	5	5	5	5.00	5.00	1 - 21
CAS	Enhance support mechanism to enhance and sustain leadership in research, instruction, and public service	CAS Proj. 015	Construction of CAS Cafeteria	CAS	1	5	5	5	5	5.00	5.00	1 - 21
CAS	Enhance support mechanism to enhance and sustain leadership in research, instruction, and public service	CAS Proj. 016	Construction of faculty lounge and student lounge (Miagao Campus)	CAS	1	5	5	5	5	5.00	5.00	1 - 21



Office/ College	Program	Code	Projects	Proponents	1 - New 2 - Existing/ Renovations	Urgency Test	GAM Test (1 - lowest to 5- highest)				Final Score	Rank
							C1: (Relevance) Demonstrates the mandate/ thrust of the university (instruction, research, public service)	C2: (Inclusivity) Is transdiscipli- nary/requires inter-agency/ intra-UPV office partnership	C3: (Efficiency) Administrative efficiency	Average Score (GAM)		
CAS	Enhance support mechanism to enhance and sustain leadership in research, instruction, and public service	CAS Proj. 017	Construction of faculty lounge and student lounge (Iloilo City Campus)	CAS	1	5	5	5	5	5.00	5.00	1 - 21
CAS	Enhance support mechanism to enhance and sustain leadership in research, instruction, and public service	CAS Act. 026	Install health and safety equipment in the CAS building including its facilities	CAS	1	5	5	5	5	5.00	5.00	1 - 21
CAS	Enhance support mechanism to enhance and sustain leadership in research, instruction, and public service	CAS Act. 015	Improve the facilities to hasten regulatory body/ies compliance for service laboratories	CAS	2	5	5	5	5	5.00	5.00	1 - 21
CAS	Enhance support mechanism to enhance and sustain leadership in research, instruction, and public service	CAS Act. 027	Establish policy and procedures for environmental safety	CAS	1	5	5	5	5	5.00	5.00	1 - 21
CAS	Enhance support mechanism to enhance and sustain leadership in research, instruction, and public service	CAS Act. 028	Improve and expand Wellness Program for CAS	CAS	2	5	5	5	5	5.00	5.00	1 - 21
CAS	Enhance support mechanism to enhance and sustain leadership in research, instruction, and public service	CAS Proj. 002	Establishment of CAS Resource Generation Office	CAS	1	5	4	5	5	4.67	4.83	22-23
CAS	Enhance support mechanism to enhance and sustain leadership in research, instruction, and public service	CAS Act. 029	Develop services and facilities that support contactless transactions	CAS	1	5	4	5	5	4.67	4.83	22-23
CAS	Academic Laboratory Facilities Modernization Program	CAS Proj. 007	Modernization of Academic and Laboratory Facilities (e.g., instructional/research labs, and film/broadcast studios)	CAS	2	5	5	3	5	4.33	4.67	24-29
CAS	Enhance support for various teaching and learning approaches	CAS Act. 012	Digitize records of research outputs	CAS	1	5	3	5	5	4.33	4.67	24-29

Office/ College	Program	Code	Projects	Proponents	1 - New 2 - Existing/ Renovations	Urgency Test	GAM Test (1 - lowest to 5- highest)				Final Score	Rank
							C1: (Relevance) Demonstrates the mandate/ thrust of the university (instruction, research, public service)	C2: (Inclusivity) Is transdiscipli- nary/requires inter-agency/ intra-UPV office partnership	C3: (Efficiency) Administrative efficiency	Average Score (GAM)		
CAS	Enhance support for various teaching and learning approaches	CAS Act. 010	Explore multidisciplinary research/creative work collaborations with other divisions	CAS	2	5	5	5	3	4.33	4.67	24-29
CAS	Enhance support mechanism to enhance and sustain leadership in research, instruction and public service	CAS Act. 014	Improve and expand of the existing training programs, community outreach services, information services, and direct extension services	CAS	2	5	5	4	4	4.33	4.67	24-29
CAS	Enhance support mechanism to enhance and sustain leadership in research, instruction and public service	CAS Proj. 018	Provision of additional parking spaces in the College of Arts and Sciences	CAS	1	5	5	3	5	4.33	4.67	24-29
CAS	Enhance support mechanism to enhance and sustain leadership in research, instruction, and public service	CAS Act. 030	Develop information System for CAS Data and File Management	CAS	1	5	3	5	5	4.33	4.67	24-29
CAS	Enhance support for various teaching and learning approaches	CAS Act. 009	Improve research output of the faculty members	CAS	2	5	5	4	3	4.00	4.50	30-31
CAS	Enhance support mechanism to enhance and sustain leadership in research, instruction, and public service	CAS Proj. 012	Construction of a building to house COP-BIDANI, Language Program, QA, and spaces/ hubs for community dialogues/ discussions (extension program offices)	CAS	1	5	5	2	5	4.00	4.50	30-31
CAS	Enhance support mechanism to enhance and sustain leadership in research, instruction and public service	CAS Act. 024	Improve the support system of Regularization (Security of Tenure) for Temporary & Contractual Personnel in public service units of the CAS	CAS	2	5	5	1	5	3.67	4.33	32-34

Office/ College	Program	Code	Projects	Proponents	1 - New 2 - Existing/ Renovations	Urgency Test	GAM Test (1 - lowest to 5- highest)				Final Score	Rank
							C1: (Relevance) Demonstrates the mandate/ thrust of the university (instruction, research, public service)	C2: (Inclusivity) Is transdiscipli- nary/requires inter-agency/ intra-UPV office partnership	C3: (Efficiency) Administrative efficiency	Average Score (GAM)		
CAS	Enhance support mechanism to enhance and sustain leadership in research, instruction and public service	CAS Act. 025	Conduct of capacity-building activities for LGUs/communities/ various agencies in support of compliance with SDG, adaptation to climate change, and gender equity goals	CAS	2	5	5	3	3	3.67	4.33	32-34
CAS	Enhance support mechanism to enhance and sustain leadership in research, instruction, and public service	CAS Proj. 013	Establishment of Forest Theater (Eco-Theater, Love Nature!Park Project, 2011)	CAS	1	5	3	5	3	3.67	4.33	32-34
CAS	Enhance support for various teaching and learning approaches	CAS Act. 013	Develop knowledge products and creative outputs	CAS	2	5	5	2	3	3.33	4.17	35-38
CAS	Enhance support mechanism to enhance and sustain leadership in research, instruction and public service	CAS Act. 020	Expand linkages to NCIP, NCCA, NHCP, and other cultural organizations	CAS	2	5	5	2	3	3.33	4.17	35-38
CAS	Enhance support mechanism to enhance and sustain leadership in research, instruction and public service	CAS Act. 021	Convert the existing Disaster Risk Reduction and Climate Change Adaptation Hub to Culture and Heritage Resilience Hub to be consistent with the CWVS mandate.	CAS	2	5	5	2	3	3.33	4.17	35-38
CAS	Enhance support mechanism to enhance and sustain leadership in research, instruction and public service	CAS Act. 022	Establish a network of collaborations with other institutions within and outside the region	CAS	2	5	5	3	2	3.33	4.17	35-38
CAS	Enhance support mechanism to enhance and sustain leadership in research, instruction and public service	CAS Act. 023	Expand participation in local, national, and international organizations/ bodies	CAS	2	5	5	2	2	3.00	4.00	39
CAS	Enhance support for various teaching and learning approaches	CAS Proj. 009	Establishment of Knowledge Management Center	CAS	1	4	3	5	3	3.67	3.83	40-41

Office/ College	Program	Code	Projects	Proponents	1 - New 2 - Existing/ Renovations	Urgency Test	GAM Test (1 - lowest to 5- highest)				Final Score	Rank
							C1: (Relevance) Demonstrates the mandate/ thrust of the university (instruction, research, public service)	C2: (Inclusivity) Is transdiscipli- nary/requires inter-agency/ intra-UPV office partnership	C3: (Efficiency) Administrative efficiency	Average Score (GAM)		
CAS	Enhance support for various teaching and learning approaches	CAS Proj. 010	Establishment of the Chemistry Jardiniere, Butterfly Garden, and Botanical Garden as components of the Love Nature! Park Project (2011)	CAS	1	4	4	4	3	3.67	3.83	40-41
CAS	Enhance support for various teaching and learning approaches	CAS Act. 011	Encourage the use of online digital archiving facilities for academically worthy but unpublished reports from students, special problems/thesis and research projects.	CAS	1	4	2	3	5	3.33	3.67	42
CAS	Enhance support for various teaching and learning approaches	CAS Proj. 011	Construction of a Showcase Room (Technology Promotion Center, 1995 BOR approved LUP)	CAS	1	3	3	5	2	3.33	3.17	43-44
CAS	Enhance support for various teaching and learning approaches	CAS Proj. 006	Construction of Cultural Center	CAS	1	3	3	5	2	3.33	3.17	43-44
COLLEGE OF FISHERIES AND OCEAN SCIENCES (CFOS)												
CFOS	CFOS Academic Physical/ Instructional Sustenance and Maintenance Program	CFOS Acad Infra Impr Proj 1	Retrofitting/ Rehabilitation of Instructional Laboratories in Buildings 1,2,3,4,5 (Wet and Dry Laboratories)	IA, IFPT, IMFO	2	5	5	5	5	5.00	5.00	1 - 6
CFOS	CFOS Academic Physical/ Instructional Sustenance and Maintenance Program	CFOS Acad Infra Impr Proj 2	Renovation and Modernization of CFOS Lecture Rooms at Pidlaogan Hall (AV)	IA, IFPT, IMFO, IFPDS	2	5	5	5	5	5.00	5.00	1 - 6
CFOS	CFOS Academic Physical/ Instructional Sustenance and Maintenance Program	CFOS Acad Infra Impr Proj 3	Renovation and Modernization of CFOS Instructional Facilities at Umali Hall (Faculty Center)	IA, IFPT, IMFO, IFPDS	2	5	5	5	5	5.00	5.00	1 - 6
CFOS	CFOS Academic Physical/ Instructional Sustenance and Maintenance Program	CFOS Acad Infra New Proj 1	Installation of ICT Facilities (Wet and Dry Laboratories)	IA, IFPT, IMFO	1	5	5	5	5	5.00	5.00	1 - 6

Office/ College	Program	Code	Projects	Proponents	1 - New 2 - Existing/ Renovations	Urgency Test	GAM Test (1 - lowest to 5- highest)				Final Score	Rank
							C1: (Relevance) Demonstrates the mandate/ thrust of the university (instruction, research, public service)	C2: (Inclusivity) Is transdiscipli- nary/requires inter-agency/ intra-UPV office partnership	C3: (Efficiency) Administrative efficiency	Average Score (GAM)		
CFOS	CFOS Admin/Support Facilities Development Program (NEW Program)	CFOS Acad Infra New Proj 6	Development/ Construction of Coastal Access Road at Wet and Dry Labs (" <i>Dalan ni Diwata</i> ")	CFOS - Infra Comm	1	5	5	5	5	5.00	5.00	1 - 6
CFOS	CFOS Admin/Support Facilities Development Program (NEW Program)	CFOS Acad Infra Impr Proj 10	Retrofitting/ Rehabilitation of Access Stairs (133-steps)	CFOS - Infra Comm	2	5	5	5	5	5.00	5.00	1 - 6
CFOS	CFOS Research Physical Development Program (NEW Program)	CFOS Acad Infra New Proj 3	Installation of ICT Facili- ties (FAS, BAC, BMS)	IA	1	5	5	4	4	4.33	4.67	7
CFOS	CFOS Research Physical Development Program (NEW Program)	CFOS Acad Infra Impr Proj 4	Renovation and Modern- ization of Research Stations (FAS, BAC, BMS)	IA	2	5	5	3	4	4.00	4.50	8
CFOS	CFOS Admin/Support Facilities Development Program (NEW Program)	CFOS Acad Infra Impr Proj 7	Renovation of CFOS Admin/Faculty Support Facilities at Umali Hall (Faculty Center)	CFOS - Infra Comm	2	5	4	3	5	4.00	4.50	9 - 10
CFOS	CFOS Admin/Support Facilities Development Program (NEW Program)	CFOS Acad Infra Impr Proj 8	Renovation of CFOS Support Facilities (toilets, parking, accessi- bility ramps, gender- friendly facilities, nursing stations, environment- friendly structures) at Pidlaoan and Umali Halls	CFOS - Infra Comm	2	5	4	3	5	4.00	4.50	9 - 10
CFOS	CFOS Admin/Support Facilities Development Program (NEW Program)	CFOS Acad Infra Impr Proj 6	Renovation of CFOS Admin Offices at Vil- ladolid Hall	CFOS - Dean's Office	2	5	3	3	5	3.67	4.33	11
CFOS	CFOS Research Physical Development Program (NEW Program)	CFOS Acad Infra New Proj 2	Construction of 4 Re- search Buildings and 1 CFOS Central Admin Building (new site)	IA, IFPT, IMFO, IFPDS	1	3	5	5	5	5.00	4.00	12
CFOS	CFOS Extension/Public Service Physical/Infra Development Program (NEW Program)	CFOS Acad Infra New Proj 4	Construction of Techno- Demonstration Facilities	IA, IFPT, IMFO	1	4	4	4	3	3.67	3.83	13
CFOS	CFOS Research Physical Development Program (NEW Program)	CFOS Acad Infra Impr Proj 5	Rehabilitation/ Modernization of UPV Museum of Natural Sci- ences and Research Laboratory and Diwata Aquascape	CFOS - MNS	2	3	4	4	4	4.00	3.50	14

Office/ College	Program	Code	Projects	Proponents	1 - New 2 - Existing/ Renovations	Urgency Test	GAM Test (1 - lowest to 5- highest)				Final Score	Rank
							C1: (Relevance) Demonstrates the mandate/ thrust of the university (instruction, research, public service)	C2: (Inclusivity) Is transdiscipli- nary/requires inter-agency/ intra-UPV office partnership	C3: (Efficiency) Administrative efficiency	Average Score (GAM)		
CFOS	CFOS Admin/Support Facilities Development Program (NEW Pro- gram)	CFOS Acad Infra New Proj 7	Development/ Construction of Access Road (with overpass/fly- over) between CFOS Wet and Dry Labs/ Diwata Aquascape and new research buildings ("Lagusan ni Diwata")	CFOS - Infra Comm	1	3	3	3	5	3.67	3.33	15-16
CFOS	CFOS Admin/Support Facilities Development Program (NEW Pro- gram)	CFOS Acad Infra Impr Proj 9	Renovation of (old) Li- brary Building	CFOS - Infra Comm	2	3	4	4	3	3.67	3.33	15-16
CFOS	CFOS Extension/Public Service Physical/Infra Development Pro- gram (NEW Program)	CFOS Acad Infra New Proj 5	Site Development of Landgrant areas	CFOS - PS Comm	1	3	3	4	3	3.33	3.17	17-18
CFOS	CFOS Admin/Support Facilities Development Program (NEW Pro- gram)	CFOS Acad Infra New Proj 8	Site Development of "Hardin ni Diwata"	CFOS - Infra Comm	1	3	3	3	4	3.33	3.17	17-18
COLLEGE OF MANAGEMENT (CM)												
CM	Develop and implement a college teaching and student resource plan/ infrastructures	CM-Proj- 001	Proposed Interior of Audio-Visual Room (2nd Floor CM Bldg., City Campus)	CM	1	5	5	5	5.00	5.00	5.00	1 - 4
CM	Develop and implement a college teaching and student resource plan/ infrastructures	CM-Proj- 002	Construction of case rooms	CM	1	5	5	5	5.00	5.00	5.00	1 - 4
CM	Develop and implement a college teaching and student resource plan/ infrastructures	CM-Proj- 004	Construction of College of Management (CM) Building, Phase I, UPV Miagao Campus	CM	1	5	5	5	5.00	5.00	5.00	1 - 4
CM	Strengthen alumni network and support	CM-Proj- 017	Refurbishing of New CM Lobby as Alumni Lounge	CM	1	5	5	5	5.00	5.00	5.00	1 - 4
CM	Develop and implement a college teaching and student resource plan/ infrastructures	CM-Proj- 003	Construction of College production room and acquisition of green room video recording equipment	CM	1	5	5	4	5.00	4.67	4.83	5 - 6

Office/ College	Program	Code	Projects	Proponents	1 - New 2 - Existing/ Renovations	Urgency Test	GAM Test (1 - lowest to 5- highest)				Final Score	Rank
							C1: (Relevance) Demonstrates the mandate/ thrust of the university (instruction, research, public service)	C2: (Inclusivity) Is transdiscipli- nary/requires inter-agency/ intra-UPV office partnership	C3: (Efficiency) Administrative efficiency	Average Score (GAM)		
CM	Enhance policy research and in- crease research productivity	CM-Proj- 010	Refurbishing of CM Research Rooms (CM 12 & 13)	CM	2	5	5	4	5.00	4.67	4.83	5 - 6
CM	Strengthening academic programs in support of the mandate of UP as a graduate University	CM-Proj- 009	Acquisition of updated instructional materials (books/journals, etc.)	CM	2	5	5	4	4.00	4.33	4.67	7 - 8
CM	Enhance policy research and in- crease research productivity	CM-Act-007	Regular conduct of re- search training and sem- inars	CM	2	5	4	5	4.00	4.33	4.67	7 - 8
CM	Enhance policy research and in- crease research productivity	CM-Act-006	Collaboration with other colleges and funding institutions for multi- disciplinary research	CM	2	4	5	5	5.00	5.00	4.50	9 - 11
CM	Enhance UP's public service/ en- gagement	CM-Proj- 012	Capacitate local commu- nity in the Region to- wards sustainable liveli- hood	CM	1	4	5	5	5.00	5.00	4.50	9 - 11
CM	Streamline University systems and processes	CM-Proj- 014	Upgrading of ICT infra- structures to support efficient and effective delivery of services to the stakeholders	CM	2	5	5	3	4.00	4.00	4.50	9 - 11
CM	Develop and implement a college teaching and student resource plan/ infrastructures	CM-Proj- 006	Acquisition of Vehicle	CM	1	4	5	4	5.00	4.67	4.33	12-16
CM	Strengthening academic programs in support of the mandate of UP as a graduate University	CM-Act-002	Introduce new programs (DPA, MAURP, MM Mgt- Research Track)	CM	1	4	5	4	5.00	4.67	4.33	12-16
CM	Enhance UP's public service/ en- gagement	CM-Proj- 011	Development of training modules for SME's and community-based organ- izations	CM	2	4	5	4	5.00	4.67	4.33	12-16
CM	Develop and implement a college teaching and student resource plan/ infrastructures	CM-Proj- 007	Repair/Purchase of instructional equipment/ accessories (e.g., pro- jectors, audio equip- ment) in CM classrooms (City Campus)	CM	2	5	4	3	4.00	3.67	4.33	12-16

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							C1: (Relevance) Demonstrates the mandate/ thrust of the university (instruction, research, public service)	C2: (Inclusivity) Is transdiscipli- nary/requires inter-agency/ intra-UPV office partnership	C3: (Efficiency) Administrative efficiency	Average Score (GAM)		
CM	Develop and implement a college teaching and student resource plan/ infrastructures	CM-Proj-008	Acquisition of photocop- ying machine and print- ers to support prepara- tion and distribution of course packs/materials	CM	1	5	4	3	4.00	3.67	4.33	12-16
CM	Enhance UP's public service/ en- gagement	CM-Proj-013	Acquisition of training equipment (projectors, laptops, speakers, etc.)	CM	1	4	5	4	4.00	4.33	4.17	17
CM	Strengthen alumni network and support	CM-Proj-018	Updating of alumni data- base	CM	2	4	5	3	4.00	4.00	4.00	18
CM	Develop and implement a college teaching and student resource plan/ infrastructures	CM-Proj-005	Repair of computer la- boratories and upgrad- ing of computer units/ software programs	CM	2	4	4	3	4.00	3.67	3.83	19-21
CM	Strengthening academic programs in support of the mandate of UP as a graduate University	CM-Act-003	Exposure of faculty to industry to improve learning/instruction	CM	1	4	4	3	4.00	3.67	3.83	19-21
CM	Improve the quality of Students/ Graduates	CM-Act-005	Strengthen industry linkages to support aca- demic internship of stu- dents	CM	1	4	4	3	4.00	3.67	3.83	19-21
CM	Strengthening academic programs in support of the mandate of UP as a graduate University	CM-Act-001	Curriculum and retention policy review; bench- marking with other insti- tutions	CM	1	4	4	3	3.00	3.33	3.67	22-24
CM	Improve the quality of Students/ Graduates	CM-Act-004	Periodic conduct of trac- er study among gradu- ates	CM	2	4	4	3	3.00	3.33	3.67	22-24
CM	Support health, wellness and other benefits of stakeholders	CM-Proj-015	Acquisition of health and wellness equipment/ tools	CM	1	4	4	3	3.00	3.33	3.67	22-24
CM	Support health, wellness and other benefits of stakeholders	CM-Proj-016	Construction of dormito- ry for students and hous- ing facilities of faculty and staff of CM (Miagao campus)	CM	1	3	4	3	4.00	3.67	3.33	25

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SCHOOL OF TECHNOLOGY (SOTECH)												
SOTEC H	Construction of new SOTECH build- ing (Phase 4)	SOTECH1	Classrooms, library, auditorium, graduate rooms	SOTECH	1	5.00	5.00	5.00	5.00	5.00	5.00	1 - 2
SOTEC H	Intensified recruitment of foreign- trained/Balik PhD faculty	SOTECH9	Completion of Balik Scientist Program to prepare the BS Industrial Engineering program proposal	SOTECH	2	5	5.00	5.00	5.00	5.00	5.00	1 - 2
SOTEC H	Strengthening and expansion of interdisciplinary programs	SOTECH7	Institution of BS Coastal Engineering and BS Industrial Engineering	SOTECH	1	4.50	5.00	5.00	5.00	5.00	4.90	3
SOTEC H	Quality assurance program for BS ChE program	SOTECH2	Internal and external review of curricula	SOTECH	2	4.00	5.00	5.00	5.00	5.00	4.80	4 - 8
SOTEC H	Quality assurance program for BS ChE program	SOTECH3	Intensive review of rele- vant international ac- creditation instruments to facilitate UP's compli- ance	SOTECH	2	4.00	5.00	5.00	5.00	5.00	4.80	4 - 8
SOTEC H	Quality assurance program for BS FT program	SOTECH4	Strengthening of pro- grams on international accreditation for aca- demic programs and centers of excellence	SOTECH	2	4.00	5.00	5.00	5.00	5.00	4.80	4 - 8
SOTEC H	Expansion of teaching facility	SOTECH5	Construction of Pilot Plant	SOTECH	1	4.00	5.00	5.00	5.00	5.00	4.80	4 - 8
SOTEC H	Strengthening of graduate programs	SOTECH6	Development of Gradu- ate Programs (MS Chemical Engineering and/or MS Environmen- tal Engineering Pro- grams)	SOTECH	1	4.00	5.00	5.00	5.00	5.00	4.80	4 - 8
SOTEC H	Development of Bamboo Research Program	SOTECH10	Establishment of Bam- busetum and bamboo research projects	SOTECH	1	5	4.00	5.00	5.00	4.67	4.73	9
SOTEC H	Development and institutionalization of innovative teaching/learning methodologies that encourage the use of multi-dimensional and blend- ed learning approaches	SOTECH8	Multimedia facility for lab experiments intended for remote learning	SOTECH	1	4.00	5.00	4.00	5.00	4.67	4.53	10



Office/ College	Program	Code	Projects	Proponents	1 - New 2 - Existing/ Renovations	Urgency Test	GAM Test (1 - lowest to 5- highest)				Final Score	Rank
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OFFICE OF THE CHANCELLOR (OC)												
OC	Building on strengths in teaching, research, and public service	OC Proj. 001	Construction of UPV Extension Building in Pandan, Antique	OC		5	5	5	5	5.00	5.00	1 - 2
OC	Building on strengths in teaching, research, and public service	OC Proj. 006	DRRM and Climate Change Advocacy/ Engagement with LGUs (led to Flood Summit)	OC		5	5	5	5	5.00	5.00	1 - 2
OC	Deepen engagement with our communities	OC Proj. 004	Refurbishment of the Pahinungod Office on Iloilo City campus	OC		4	5	5	5	5.00	4.50	3
OC	Building on strengths in teaching, research, and public service	OC Proj. 002	Establishment of Biodiversity Hub in UPV Miagao Campus	OC		4	4	5	5	4.67	4.33	4
OC	Building on strengths in teaching, research, and public service	OC Proj. 007	Construction of a UPV Alumni Building (besides the two heritage buildings)	OC/OAR		4	5	5	3	4.33	4.17	5
OC	Deepen engagement with our communities	OC Proj. 005	Satellite Offices in Miagao, Pandan, and Tacloban campuses	OC		3	4	4	3	3.67	3.33	6
OC	Building on strengths in teaching, research, and public service	OC Proj. 003	Construction of UPV Pahinungod Building	OC		1	5	5	5	5.00	3.00	7
OFFICE OF THE VICE CHANCELLOR FOR ADMINISTRATION (OVCA)												
OVCA	ICT as an enabler, operations efficiency improvement	OVCA-Proj.2	Utility line upgrading (electrical, telephone)	OVCA/ CDMO	2	5	5	5	5	5.00	5.00	1 - 4
OVCA	Workplace Safety and Accessibility Program	OVCA3	Retrofitting of Major Buildings to conform to Safety and Accessibility Standards	OVCA/ OVCPD/ CDMO/ HSC	2	5	5	5	5	5.00	5.00	1 - 4
OVCA	Waste and Disposal Management Program	OVCA-Proj.4	Construction of Disposal Facility	OVCA/ CDMO/ BWMC	1	5	5	5	5	5.00	5.00	1 - 4
OVCA		OVCA-Proj.9	Establishment of Sewage Treatment Facility	OVCA/ CDMO/ BWMC	1	5	5	5	5	5.00	5.00	1 - 4
OVCA	Mitigation and Management of Crisis Situations	OVCA-Proj.3	Construction of Incident Command Control Center	OVCA/ CMC/ DRRMC	1	5	5	5	4	4.67	4.83	5 - 8



Office/ College	Program	Code	Projects	Proponents	1 - New 2 - Existing/ Renovations	Urgency Test	GAM Test (1 - lowest to 5- highest)				Final Score	Rank
							C1: (Relevance) Demonstrates the mandate/ thrust of the university (instruction, research, public service)	C2: (Inclusivity) Is transdiscipli- nary/requires inter-agency/ intra-UPV office partnership	C3: (Efficiency) Administrative efficiency	Average Score (GAM)		
OVCA	Mitigation and Management of Crisis Situations	OVCA-Act.009	Reorganization of Crisis Management Committee/DRRM Committee	OVCA/CMC/DRRMC	2	5	5	5	4	4.67	4.83	5 - 8
OVCA	Mitigation and Management of Crisis Situations	OVCA-Act.010	Crisis and disaster preparedness and Response	OVCA/CMC/DRRMC	2	5	5	5	4	4.67	4.83	5 - 8
OVCA	Mitigation and Management of Crisis Situations	OVCA-Act.011	Formulation of Crisis Management Plan	OVCA/CMC/DRRMC	1	5	5	5	4	4.67	4.83	5 - 8
OVCA	Health and Wellness Program	OVCA2	Vaccination of UPV Personnel	OVCA/HSU/HSC	1	5	4	4	5	4.33	4.67	9 - 10
OVCA		OVCA-Proj.6	Relocation of Housing Units identified in danger areas	OVCA/CDMO/ASO	1	5	5	4	4	4.33	4.67	9 - 10
OVCA	ICT as enabler, operations efficiency improvement	OVCA-Proj.1	Upgrading of UPV IT infrastructure and network	OVCA/DISP	2	4	5	5	5	5.00	4.50	11 - 15
OVCA	ICT as enabler, operations efficiency improvement	OVCA-Act.005	Full implementation of UIS modules and other information systems	OVCA/OVCAA/DISP	2	4	5	5	5	5.00	4.50	11 - 15
OVCA	ICT as enabler, operations efficiency improvement	OVCA-Act.007	Standardization of client satisfaction survey	OVCA/CART	2	4	5	5	5	5.00	4.50	11 - 15
OVCA	Waste and Disposal Management Program	OVCA-Act.012	Formulation of UPV Waste Management Plan across campuses	OVCA/CDMO/BWMC	1	4	5	5	5	5.00	4.50	11 - 15
OVCA		OVCA-Proj.10	Construction/Installation of Document Storage Facility/Archive	OVCA/CDMO	1	4	5	5	5	5.00	4.50	11 - 15
OVCA	ICT as enabler, operations efficiency improvement	OVCA-Act.001	Procurement helpdesk	OVCA/SPSO	1	4	5	4	5	4.67	4.33	16 - 20
OVCA	ICT as enabler, operations efficiency improvement	OVCA-Act.002	Creation of UPV procurement operations manual	OVCA/SPSO	1	4	5	4	5	4.67	4.33	16 - 20
OVCA	ICT as enabler, operations efficiency improvement	OVCA-Act.003	Hiring of additional personnel for procurement	OVCA/SPSO	2	4	5	4	5	4.67	4.33	16 - 20
OVCA	ICT as enabler, operations efficiency improvement	OVCA-Act.008	Establishment of Records management and archiving system/"Cloud-first" policy	OVCA/DISP	1	4	5	5	4	4.67	4.33	16 - 20

Office/ College	Program	Code	Projects	Proponents	1 - New 2 - Existing/ Renovations	Urgency Test	GAM Test (1 - lowest to 5- highest)				Final Score	Rank
							C1: (Relevance) Demonstrates the mandate/ thrust of the university (instruction, research, public service)	C2: (Inclusivity) Is transdiscipli- nary/requires inter-agency/ intra-UPV office partnership	C3: (Efficiency) Administrative efficiency	Average Score (GAM)		
OVCA		OVCA- Proj.13	Supply and Property Storage	OVCA/ CDMO/ SPSO	2	4	5	5	4	4.67	4.33	16 - 20
OVCA	ICT as enabler, operations efficien- cy improvement	OVCA- Act.004	Establishment of online payment schemes	OVCA/ Cash/ DISP	2	4	4	4	4	4.00	4.00	21-30
OVCA	ICT as enabler, operations efficien- cy improvement	OVCA- Act.006	Establishment of RFID System	OVCA/ HRDO/ DISP	1	4	4	4	4	4.00	4.00	21-30
OVCA	Health and Wellness Program	OVCA1	Formulation of a Com- prehensive Health and Wellness Program	OVCA/ HSU/ HLWC	2	4	4	5	3	4.00	4.00	21-30
OVCA	Waste and Disposal Management Program	OVCA- Act.013	Formulation of Disposal Plan	OVCA/ CDMO/ BWMC	1	4	4	4	4	4.00	4.00	21-30
OVCA	Health Services Infrastructure and Capacity Building Program	OVCA- Act.014	Capacity development of medical personnel on basic and advanced life support	OVCA/ HSU	2	4	4	4	4	4.00	4.00	21-30
OVCA	Employee Competency Program	OVCA- Act.015	Conduct Training Needs Analysis and Competen- cies Identification	OVCA/ HRDO	1	4	4	4	4	4.00	4.00	21-30
OVCA	Employee Competency Program	OVCA- Act.016	Conduct training pro- grams for the develop- ment of leadership competency for succession planning purposes	OVCA/ HRDO	1	4	4	4	4	4.00	4.00	21-30
OVCA	Employee Competency Program	OVCA- Act.017	Conduct training pro- grams for the enhance- ment of organizational compe- tencies (e.g., quality management, office productivity)	OVCA/ HRDO	1	4	4	4	4	4.00	4.00	21-30
OVCA	Employee Competency Program	OVCA- Act.018	Conduct Training pro- grams for the upgrading of technical competen- cies	OVCA/ HRDO	1	4	4	4	4	4.00	4.00	21-30

Office/ College	Program	Code	Projects	Proponents	1 - New 2 - Existing/ Renovations	Urgency Test	GAM Test (1 - lowest to 5- highest)				Final Score	Rank
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OVCA		OVCA- Proj.12	Upgrading of Road Net- work/Circulation within fenced Area (City cam- pus)	OVCA/ OVCPD/ CDMO	2	4	4	4	4	4.00	4.00	21-30
OVCA	Employment Tenure Upgrading	OVCA- Act.015	Merit-based conversion of non-UP contractual to UP employees	OVCA/ HRDO	1	4	4	4	3	3.67	3.83	31
OVCA	Personnel Performance Recognition	OVCA- Act.016	Annual Awards for Out- standing Performance	OVCA/ HRDO	2	4	4	3	3	3.33	3.67	32-35
OVCA	Workplace Safety and Accessibility Program	OVCA- Act.012	Preparation/Crafting of Public Transportation Scheme at the New Academic Zone	OVCA/ CDMO/ HSC	1	3	4	4	5	4.33	3.67	32-35
OVCA	Digitization of Medical Records	OVCA4	Installation of Electronic Medical Records System	OVCA/ HSU/ DISP	1	3	4	4	5	4.33	3.67	32-35
OVCA		OVCA- Proj.7	Construction of addition- al housing units (for anticipated needs of faculty, staff, and stu- dents)	OVCA/ CDMO/ ASO	1	3	5	4	4	4.33	3.67	32-35
OVCA	Health Services Infrastructure and Capacity Building Program	OVCA- Proj.5	Construction of Infirmary Annex Phase 1, Phase 2	OVCA/ OVCPD/ CDMO/ HSU	1	3	4	4	4	4.00	3.50	36-39
OVCA	Employee Competency Program	OVCA- Act.019	Further academic stud- ies for administrative personnel	OVCA/ HRDO/ HRDC	2	4	3	3	3	3.00	3.50	36-39
OVCA	Knowledge Management Program	OVCA- Act.020	Development of KM Platform	OVCA/ DISP/ HRDO/ IPO	1	3	4	4	4	4.00	3.50	36-39
OVCA		OVCA- Proj.11	Fence Rehabilitation (City campus)	OVCA/ OVCPD/ CDMO	2	3	4	4	4	4.00	3.50	36-39
OVCA		OVCA- Proj.8	Construction of new roads	OVCA/ OVCPD/ CDMO	1	3	3	3	3	3.00	3.00	40

Office/ College	Program	Code	Projects	Proponents	1 - New 2 - Existing/ Renovations	Urgency Test	GAM Test (1 - lowest to 5- highest)				Final Score	Rank
							C1: (Relevance) Demonstrates the mandate/ thrust of the university (instruction, research, public service)	C2: (Inclusivity) Is transdiscipli- nary/requires inter-agency/ intra-UPV office partnership	C3: (Efficiency) Administrative efficiency	Average Score (GAM)		
OFFICE OF THE VICE CHANCELLOR FOR ACADEMIC AFFAIRS (OVCAA)												
OVCAA	Modernizing Learning Resources Program (Presence of learning resources of international stand-ards)	OVCAA1	Digitization of University Library learning re-sources	Library	1	5	5	5	5.00	5.00	5.00	1 - 10
OVCAA	Modernizing Learning Resources Program (Presence of learning resources of international stand-ards)	OVCAA3	Acquisition of modern equipment (e.g., com-puters, sound systems, internet connectivity) for OSA and TLRC services	OSA and TLRC	1	5	5	5	5.00	5.00	5.00	1 - 10
OVCAA	Modernizing Learning Resources for Instruction Program (Presence of learning resources of international standards)	OVCAA4	Upgrading of equipment & teaching tools (hardware and software) of graduate classrooms at the GCEB	GPO	2	5	5	5	5.00	5.00	5.00	1 - 10
OVCAA	Modernizing Learning Spaces Pro-gram (Presence of learning spaces of international standards)	OVCAA5	Upgrading and moderni-zation of the graduate classrooms at the GCEB	GPO	2	5	5	5	5.00	5.00	5.00	1 - 10
OVCAA	Modernizing Learning Spaces Pro-gram (Presence of learning spaces of international standards)	OVCAA6	Renovation of TLRC Learning spaces	TLRC	2	5	5	5	5.00	5.00	5.00	1 - 10
OVCAA	Modernizing Learning Spaces Pro-gram (Presence of collaborative spaces (e.g., collabs, undergrad lounges, learning commons)	OVCAA7	Conversion of CUB into a modern collabs and learning commons for undergraduate students	OSA	2	5	5	5	5.00	5.00	5.00	1 - 10
OVCAA	Modernizing Research Facilities Program (Presence of laboratory facilities of international standards)	OVCAA9	Upgrading of Graduate Biology laboratory at GCEB	GPO	2	5	5	5	5.00	5.00	5.00	1 - 10
OVCAA	Improving Physical Spaces of Aca-demic Support Offices (Presence of necessary infrastructure to support the academic programs)	OVCAA14	Provision of a bigger NSTP office	NSTP	5	5	5.00	1 - 10				
OVCAA	Modernizing Facilities of Academic Support Offices	OVCAA18	Upgrading and Moderni-zation of the Facilities and Equipment of the OUR	OUR	5	5	5.00	1 - 10				
OVCAA	Modernizing Facilities of Academic Support Offices	OVCAA19	Upgrading of electrical power capacity at GCEB	GPO	5	5	5.00	1 - 10				



Office/ College	Program	Code	Projects	Proponents	1 - New 2 - Existing/ Renovations	Urgency Test	GAM Test (1 - lowest to 5- highest)				Final Score	Rank
							C1: (Relevance) Demonstrates the mandate/ thrust of the university (instruction, research, public service)	C2: (Inclusivity) Is transdiscipli- nary/requires inter-agency/ intra-UPV office partnership	C3: (Efficiency) Administrative efficiency	Average Score (GAM)		
OVCAA	Improving Physical Spaces of Academic Support Offices (Presence of sufficient infrastructure (e.g., building, equipment) to house the records of the growing student population)	OVCAA17	Extension of OUR's Record's Room	OUR	1	5	5	4	5.00	4.67	4.83	11
OVCAA	Modernizing Learning Resources Program (Presence of learning resources of international standards)	OVCAA2	Enhancement of equipment and facilities of the New University Library Building	Library	1	4	5	5	5.00	5.00	4.50	12-13
OVCAA	Modernizing Research Spaces Program (Presence of research spaces of international standards)	OVCAA11	Renovation of Graduate Biology Room	GPO	2	5	5	3	4.00	4.00	4.50	12-13
OVCAA	Modernizing Learning Spaces Program (Presence of collaborative spaces e.g., collabs, grad lounges, learning commons)	OVCAA8	Conversion of an existing facility at GCEB into modern collabs and learning commons (e.g., case study rooms) for graduate students	GPO	1	4	5	5	4.00	4.67	4.33	14
OVCAA	Improving Physical Spaces of Academic Support Offices (Presence of necessary infrastructure to support the academic programs)	OVCAA16	Construction of a University Registrar Building	OUR	1	3	5	4	5.00	4.67	3.83	15
OVCAA	Modernizing Research Facilities Program (Presence of laboratory facilities of international standards)	OVCAA10	Upgrading equipment and facilities at GPO Conference Room for the conduct of virtual dissertation, thesis, special problem defense of graduate students	GPO	1	3	4	5	4.00	4.33	3.67	16-18
OVCAA	Strengthening Student Support Services Program (Presence of adequate residential services for faculty, staff, and students)	OVCAA12	Construction of additional student dormitories	OSA	1	3	3	5	5.00	4.33	3.67	16-18
OVCAA	Improving Physical Spaces of Academic Support Offices (Presence of necessary infrastructure to support the academic programs)	OVCAA15	Provision of adequate office for OSA on the City campus	OSA	2	3	4	4	5.00	4.33	3.67	16-18
OVCAA	Strengthening Student Support Services Program (Presence of adequate residential services for faculty, staff, and students)	OVCAA13	Upgrading/modernization of existing student dormitories	OSA	2	2	4	5	4.00	4.33	3.17	19

Office/ College	Program	Code	Projects	Proponents	1 - New 2 - Existing/ Renovations	Urgency Test	GAM Test (1 - lowest to 5- highest)				Final Score	Rank
							C1: (Relevance) Demonstrates the mandate/ thrust of the university (instruction, research, public service)	C2: (Inclusivity) Is transdiscipli- nary/requires inter-agency/ intra-UPV office partnership	C3: (Efficiency) Administrative efficiency	Average Score (GAM)		
OFFICE OF THE VICE CHANCELLOR FOR PLANNING AND DEVELOPMENT (OVCPD)												
OVCPD	Institute better mechanisms for es- tate management and optimize use of resources	OVCPD- Proj.023	Resurvey of Miagao properties	OVCPD	2	5	5	5	5	5.00	5.00	1 - 6
OVCPD	Institute better mechanisms for es- tate management and optimize use of resources	OVCPD- Proj.024	Resurvey of Iloilo City properties	OVCPD	2	5	5	5	5	5.00	5.00	1 - 6
OVCPD	Institute better mechanisms for es- tate management and optimize use of resources	OVCPD- Proj.025	Fencing of properties in Miagao & Iloilo City campuses	OVCPD, OVCA	2	5	5	5	5	5.00	5.00	1 - 6
OVCPD	Institute better mechanisms for es- tate management and optimize use of resources	OVCPD- Proj.026	Create Site Develop- ment Plan for Miagao Campus	OVCPD, OVCA	2	5	5	5	5	5.00	5.00	1 - 6
OVCPD	Institute better mechanisms for es- tate management and optimize use of resources	OVCPD- Proj.027	Create Site Develop- ment Plan for Iloilo City Campus	OVCPD, OVCA	2	5	5	5	5	5.00	5.00	1 - 6
OVCPD	Institute better mechanisms for es- tate management and optimize use of resources	OVCPD- Act.010	Submit MOOE for pre- DAED preparation for budget call	OVCPD	2	5	5	5	5	5.00	5.00	1 - 6
OVCPD		OVCPD- Proj.003	Submit project pro- posals for UPV-PCA Coco Hybrid Seed Farm as part of the RGZ Zone	OVCPD, Commit- tee	1	5	5	5	4	4.67	4.83	7 - 13
OVCPD		OVCPD- Proj.005	Submit project pro- posals for projects in the S & T Zone	OVCPD, Commit- tee	1	5	5	5	4	4.67	4.83	7 - 13
OVCPD	Defend and promote diversity and inclusion in our campuses	OVCPD- Proj.014	Craft supplemental development principles and design guidelines	OVCPD, Commit- tee	2	5	5	4	5	4.67	4.83	7 - 13
OVCPD	Institute better mechanisms on es- tate management and optimize use of resources	OVCPD- Proj.020	Update land titling plan for both Iloilo City and Miagao campuses	OVCPD, Commit- tee	2	5	5	5	4	4.67	4.83	7 - 13
OVCPD	Institute better mechanisms on es- tate management and optimize use of resources	OVCPD- Proj.021	Update land titling plan for other properties of UPV in Visayas, Minda- nao, and Luzon.	OVCPD, Commit- tee	2	5	5	5	4	4.67	4.83	7 - 13



Office/ College	Program	Code	Projects	Proponents	1 - New 2 - Existing/ Renovations	Urgency Test	GAM Test (1 - lowest to 5- highest)				Final Score	Rank
							C1: (Relevance) Demonstrates the mandate/ thrust of the university (instruction, research, public service)	C2: (Inclusivity) Is transdiscipli- nary/requires inter-agency/ intra-UPV office partnership	C3: (Efficiency) Administrative efficiency	Average Score (GAM)		
OVC PD	Institute better mechanisms on es- tate management and optimize use of resources	OVC PD- Act.008	Create an inter-agency partnership to address land titling, land consoli- dation concerns in UPV Iloilo City and Miagao campuses	OVC PD, Commit- tee	1	5	5	5	4	4.67	4.83	7 - 13
OVC PD	Institute better mechanisms on es- tate management and optimize use of resources	OVC PD- Act.009	Create an interagency partnership to address informal settlements in UPV campuses and other properties of UPV.	OVC PD, Commit- tee	1	5	5	5	4	4.67	4.83	7 - 13
OVC PD	Enhance safety & ecological health of the campus	OVC PD- Act.005	Submit MOOE for the UPV Campus Infrastruc- ture Committee	OVC PD, Commit- tee	2	5	3	5	5	4.33	4.67	14 - 19
OVC PD	Support the wellness program of the University	OVC PD- Proj.010	Set-up bike racks in Miagao Campus	OVC PD, Commit- tee	1	5	5	4	4	4.33	4.67	14 - 19
OVC PD	Support the wellness program of the University	OVC PD- Proj.011	Set-up Outdoor Fitness Facilities in Miagao cam- pus	OVC PD, Commit- tee	1	5	5	4	4	4.33	4.67	14 - 19
OVC PD	Defend and promote diversity and inclusion on our campuses	OVC PD- Proj.013	Enhance existing traffic management plan in Iloilo City Campus	OVC PD, OVCA	2	5	4	4	5	4.33	4.67	14 - 19
OVC PD	Defend and promote diversity and inclusion on our campuses	OVC PD- Act.006	Create a traffic manage- ment plan (including route plan) in Miagao Campus	OVC PD, OVCA	1	5	4	4	5	4.33	4.67	14 - 19
OVC PD	Office Modernization	OVC PD- Proj.015	Review existing organi- zational structure and processes for enhanced efficiency *Submit a proposal for expansion of FRAS to RGO	OVC PD	1	5	5	3	5	4.33	4.67	14 - 19
OVC PD	Deepen engagement with our com- munities	OVC PD- Act.003	Review/implement poli- cies & guidelines in the properties (6 ha) in the Iloilo City Campus	OVC PD, Commit- tee	2	5	3	5	4	4.00	4.50	20 - 22

Office/ College	Program	Code	Projects	Proponents	1 - New 2 - Existing/ Renovations	Urgency Test	GAM Test (1 - lowest to 5- highest)				Final Score	Rank
							C1: (Relevance) Demonstrates the mandate/ thrust of the university (instruction, research, public service)	C2: (Inclusivity) Is transdiscipli- nary/requires inter-agency/ intra-UPV office partnership	C3: (Efficiency) Administrative efficiency	Average Score (GAM)		
OVCPCD	Office Modernization	OVCPCD- Proj.016	Create MIS unit for plan- ning-related decision- making *Creation of MIS guide- lines *Review of documents *Benchmarking on other MIS related units *Creation of an MIS Committee leading to an Office (EO 1983-09)	OVCPCD, Commit- tee	1	4	5	5	5	5.00	4.50	20 - 22
OVCPCD	Institute better mechanisms for es- tate management and optimize use of resources	OVCPCD- Proj.022	Create an inter-agency partnership to address land titling, land consoli- dation concerns in UPV properties in Visayas, Mindanao, Luzon	OVCPCD, Commit- tee	1	5	4	4	4	4.00	4.50	20 - 22
OVCPCD	Enhance safety & ecological health of the campus	OVCPCD- Proj.007	Establish pathways & fire hydrants in Iloilo City campus (one package since same path)	OVCPCD, OVCA	1	5	3	3	5	3.67	4.33	23 - 28
OVCPCD	Enhance safety & ecological health of the campus	OVCPCD- Proj.008	Craft Reforestation Pro- ject proposal MIA cam- pus	OVCPCD, Commit- tee	1	4	4	5	5	4.67	4.33	23 - 28
OVCPCD	Enhance safety & ecological health of the campus	OVCPCD- Proj.009	Craft Afforestation Pro- ject proposal MIA cam- pus	OVCPCD, Commit- tee	1	4	4	5	5	4.67	4.33	23 - 28
OVCPCD	Office Modernization	OVCPCD- Proj.017	Renovate OVCPCD office and upgrade equipment	OVCPCD	2	5	3	3	5	3.67	4.33	23 - 28
OVCPCD	Office Modernization	OVCPCD- Proj.018	Renovate SDRP office and upgrade equipment	OVCPCD	2	5	3	3	5	3.67	4.33	23 - 28
OVCPCD	Office Modernization	OVCPCD- Proj.019	Create Staff Develop- ment Plan to improve Staff Profile *Continue conduct of short-term fora, work- shops, trainings for staff development contrib- uting to services of the office. *Encourage personnel to pursue related higher formal education	OVCPCD	1	5	3	3	5	3.67	4.33	23 - 28

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OVCPD	Support the wellness program of the University	OVCPD-Proj.012	Set-up Outdoor Fitness Facilities in Iloilo City campus	OVCPD, Committee	1	5	3	3	4	3.33	4.17	29
OVCPD		OVCPD-Proj.004	Submit project proposals for University Community Garden as part of the RGZ Zone	OVCPD	1	3	5	5	4	4.67	3.83	30
OVCPD		OVCPD-Act.001	Submit MOOE proposal re Bambusetum Management as part of the RGZ Zone	OVCPD, SOTECH	1	3	4	4	4	4.00	3.50	31 - 33
OVCPD	Deepen engagement with our communities	OVCPD-Proj.006	Upgrade Relocation Sites (P.D. 957)	OVCPD, OVCA	2	3	3	5	4	4.00	3.50	31 - 33
OVCPD	Deepen engagement with our communities	OVCPD-Act.002	Review/implement policies & guidelines in relocation sites in Miagao	OVCPD, Committee	2	3	3	5	4	4.00	3.50	31 - 33
OVCPD	Enhance safety & ecological health of the campus	OVCPD-Act.004	Update guidelines on use/functions of existing & new buildings	OVCPD, Committee	2	3	3	3	5	3.67	3.33	34 - 35
OVCPD	Office Modernization	OVCPD-Act.007	Enhance Standard Operating Procedure for approval	OVCPD	1	3	3	3	5	3.67	3.33	34 - 35
OVCPD		OVCPD-Proj.001	Submit project/ collaboration proposals for Pueblo Verde (Community Enterprise Hub) as part of the RGZ Zone	OVCPD, Colleges	1	2	4	4	4	4.00	3.00	36
OVCPD		OVCPD-Proj.002	Submit project proposals for Chancellor's Park of Honor and Gratitude as part of the RGZ Zone	OVCPD, OC, OAR	1	2	3	4	4	3.67	2.83	37



Office/ College	Program	Code	Projects	Proponents	1 - New 2 - Existing/ Renovations	Urgency Test	GAM Test (1 - lowest to 5- highest)				Final Score	Rank
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OFFICE OF THE VICE CHANCELLOR FOR RESEARCH AND EXTENSION (OVCRE)												
OVCRE	Promote utilization of research find- ings	OVCRE19	Budget for commerciali- zation of technologies	TTBDO	1	5	5	5	4	4.67	4.83	1 - 3
OVCRE	Gender advocacy	OVCRE27	Renovation of GDP Building	GDP	2	5	5	5	4	4.67	4.83	1 - 3
OVCRE	Upgrading and modernization of research facilities	OVCRE37	Institutionalize RRC	RRC	New	5	5	4	5	4.67	4.83	1 - 3
OVCRE	Promotion of responsible conduct of research	OVCRE9	Construct facilities for maintenance/ storage of test animals	OVCRE/ RRC	1	5	5	4	4	4.33	4.67	4 - 5
OVCRE	Promote continuing professional development	OVCRE23	Upgrading and modern- ization of training rooms	OCEP	2	5	5	4	4	4.33	4.67	4 - 5
OVCRE	Gender advocacy	OVCRE28	Renovation of the BBCMC Miagao	GDP	2	5	5	3	4	4.00	4.50	6
OVCRE	Upgrading and modernization of research facilities	OVCRE41	Construction of the NIMBB Building	NIMBB	New	3	5	5	4	4.67	3.83	7 - 8
OVCRE	Upgrading and modernization of research facilities	OVCRE38	Phase 4 of the con- struction	RRC	Expansion	4	4	4	3	3.67	3.83	7 - 8
OVCRE	Upgrading and modernization of research facilities	OVCRE39	ISO certification	RRC	New	3	4	4	5	4.33	3.67	9
OVCRE	Promote the Filipino language	OVCRE29	Extension of SWF for National Artist Resi- dence, dorm. Training rooms	SWF	1	3	4	4	4	4.00	3.50	10 - 11
OVCRE	Promote the Filipino language	OVCRE30	Miagao campus (Center for southern Panay)	SWF	1	3	4	4	4	4.00	3.50	10 - 11
OVCRE	Upgrading and modernization of research facilities	OVCRE40	Construction of the Center for Sustainable Fisheries and Aquacul- ture	OVCRE	2	5	4.33	12				



Project Proposal Preparation and Approval of Budget

Activity/ Process	Office/ Person in Charge	Duration of	Remarks/ Forms/ Signatories
Submission of Project Proposal			
College/Office submits Project Proposal based on the strategic priorities identified during the strategic planning and investment programming workshops and in accordance with the UPV Academic Program/ Campus Master Plan	Project Proponent (Requesting Office/ College)	15 to 30 days	Capital Outlay Form
Prepares a summary list of project proposals for the review of the VCPD	OVCPD-PDS	1 - 3 days	
Provides a copy of the list to the Chancellor for deliberation of the UPV Management Committee and for prioritization	OVCPD-PDS	1 day	
Issues advisory to the proponent/s with prioritized projects to require the submission of supporting documents	OVCPD/ OC	3 – 5 days	<p><i>Required Attachments:</i></p> <ol style="list-style-type: none"> 1. <i>Site Map indicating the following information:</i> <ol style="list-style-type: none"> a. <i>Identified site for the project</i> b. <i>Indicative footprint of the building (in square meters)</i> c. <i>Number of trees in the identified area (preferably identifying the species)</i> d. <i>Potential sewage disposal location</i> e. <i>Bodies of water that may be affected</i> f. <i>Nearest tapping points for electricity and water</i> 2. <i>Schematic Diagrams</i>
Project Proponent coordinates with the Physical Design Team (PDT) in the preparation of schematic diagrams, perspectives, and site maps (to include a project site visits and stakeholder consultation, meeting/s with the proponent)	Project Proponent (Requesting Office/ College)	30 – 60 days	

Activity/ Process	Office/ Person in Charge	Duration of Activity	Remarks/ Forms/ Signatories
PDT/ CDMO prepares the Perspective, Work and Financial Plan, Site Development Plan (for locational clearance), Drawing Plans, and Monthly Disbursement Program then submits it to the proponent	OVCPD/ CDMO	5-10 days	
The project proponent submits the project proposal with all the required supporting documents (packaged proposal) to the OVCPD	Project Proponent (Requesting Office/ College)	5 days	
PDS organizes the proposals for review/ comments of the PPDT for favorable endorsement to the VCPD	OVCPD/ PDS/ PDT	3-5 days	
Prepares a power point presentation of all proposed projects for initial presentation to the Chancellor and the Management Committee	OVCPD/ PDS/ PDT	3-5 days	
II. Concept Approval and Locational Clearance			
Sets an appointment with the Office of the Vice President for Development and the Office of the President for the presentation of the proposed Infrastructure Projects for concept approval and locational clearance	OVCPD/ OVPD/ OC	1 day	
Prepare the list of approved Capital Outlay/ Infrastructure Projects. Route the proposal and supporting documents for signature/ approval of the proponent, PDT, CDMO, VCPD, VCA and the Chancellor	OVCPD/ CDMO/ PDS/ PPDT/ Project Proponent	7-10 days	
Package and submit the duly signed complete project proposal/s to the Chancellor for approval and for favorable endorsement to the UP System for review/ comments/ approval of concept and locational clearance of the UP President through the Office of the Vice President for Development	OVCPD/ Budget Office/ PDS/ PDT	5-7 days	

Activity/ Process	Office/ Person in Charge	Duration of Activity	Remarks/ Forms/ Signatories
Submission and Approval of Detailed Architectural and Engineering Design (DAED) <i>Upon concept approval, the proponent shall undertake the DAED for Infrastructure and Renovation projects. The proponent has the option to outsource the DAED through public bidding or to contract experts and to execute in-house design. CUs that do not have the financial capacity to fund the DAED may request assistance from the UP System.</i>			
Submit a letter to request for the approval of budget for DAED equivalent to 3.5% of the project cost from the UP System (<i>for projects with approved concept and locational clearance, and with complete required supporting documents</i>)	OVCPD/ OC	3-5 days	
Once approved budget from the UP System is allocated for DAED, CDMO/ OVCPD submits endorsement to the Chancellor through OVCA for the procurement (bidding)	OC/ Budget Office/ OVCPD/ OVCA/ CDMO	15-30 days	
After the approval of the Chancellor, OVCA provides copy of approved endorsement with supporting documents to CDMO, OVCPD, OC, SPSO-BAC. Then, BAC schedules the DAED for bidding.	OC/OVCA/ SPSO-BAC	5-7 days	
Bidding process of DAED includes, Pre-Bid, Opening of Bids, Evaluation, Abstract of Quotation, Awarding, etc...	OVCA/ SPSO-BAC, TWG	At least 1 month	
III. Submission of Budget Proposals for Funding			
Includes in the Budget Proposal the prioritized capital outlay (infrastructure projects) with approved concept and locational clearance (shovel ready and with DAED or DAED on process)	OVCPD/ Budget Office	2-3 days	
Presents the Budget Proposal to the UP System for GAA funding	OC/ Budget Office/ OVCPD/ OVCA/ HRDO	1 day	

Activity/ Process	Office/ Person in Charge	Duration of	Remarks/ Forms/ Signatories
Finalizes the UPV Budget Proposal for submission to the UP System	OVCPD/ Budget Office	10-15 days	
Submits the UPV Budget Proposal with attached supporting documents (softcopy of files) to the UP System Budget Office cc OVPPF, OVPD, OC, VCs, UPV Budget Office. This is for inclusion in the GAA funding request of the UP System or for possible funding by the UP System (UPS-RF).	OC/ OVCPD/ Budget Office	1-2 days	Project Brief, Justification, Perspective, Work & Financial Plan, Monthly Disbursement, BP202 Form
UP System Budget Office consolidates all budget proposals of UP CUs and submits to DBM for GAA Funding	OVPPF/ OVPD/ UPS Budget Office	6 months	
An advisory/notice will be disseminated by the UP System-OVPPF regarding status of request/ additional required documents for compliance, etc.	OVPPF/ UPS Budget Office		
Receives memorandum from OVPPF on release of funds/statement of allotment release order (SARO) for UP Visayas of For Later Release (FLR)	OVPPF/ UPS Budget Office		



**UNIVERSITY OF THE PHILIPPINES VISAYAS
OFFICE OF THE CHANCELLOR**



06 May 2021

ADMINISTRATIVE ORDER NO. CCC 2021-185

TO : All Concerned

SUBJECT : Creation and Mobilization of the UPV Iloilo Planning Team in the Formulation of the Land Use Development and Infrastructure Plans for Iloilo City and Miagao campuses, Designating Its Composition and Roles and Responsibilities

X-----X

State Universities and Colleges are required by Republic Act No. 11396 (or the Land Use Development and Infrastructure Plan (LUDIP) Act), through their governing boards, to prepare and implement LUDIP. LUDIP is designed to improve and optimally utilize the SUCs' resources. The plan shall be linked with the land use plan and practice of the local government units to ensure complementation of activities across geographical boundaries (IRR, RA 11396, Rule 2, Sec. 6).

In compliance with RA 11396, the following teams with their compositions and responsibilities, are created for the preparation of the LUDIP for both Iloilo City and Miagao campuses effective 01 April 2021:

A. Project Management Team (PMT)

The team will be responsible for the coordination of all technical and administrative activities in the preparation of the LUDIP, including stakeholder consultations. It is also responsible for the creation, appointment, and responsibilities of the Technical Working Groups and Support Groups.

The PMT may call upon the assistance of relevant UPV offices and government and non-government organizations in the implementation of activities related to the formulation of the LUDIP. The PMT will facilitate the submission of the LUDIP to UP BOR for endorsement to CHED.

Chair: Dr. Clement Camposano
Members: Prof. John Lorenz Belanio
Dr. Rhodella Ibabao
Dr. Harold Monteclaro
Dr. Phillip Ian Padilla

B. Core Technical Working Group (CTWG)

The CTWG will work closely with the Project Management Team and Expanded Technical Working Group on policies, procedures, and guidelines that need to be included

in the LUDIP. The team also works closely with the Expanded TWGs and Resource Persons on the training designs, including the use of appropriate planning tools and methods.

The members shall attend the workshops and meetings organized by CHED and the UP system and share their learnings to the expanded TWG.

Chair: Dr. Rhodella Ibabao
Members: Prof. Vicente Balinas (Data Quality & Management)
Engr. Mario Morano (Structural Design)
Mr. Alan Dino Moscoso (GIS Mapping)
Prof. Marie Frances Nievaes (Environment Sector)
Archt. Luis Rabut III (Site Development Planning)

C. Expanded Technical Working Group (ETWG)

The ETWG shall assist the PMT and the CTWG in ensuring that the necessary policies, procedures, and standards are in place to address technical concerns related to the creation of the plan and its implementation. Also, the ETWG will assist the Core TWG in the following activities for the profiling and target-setting per sector:

- Conduct surveys, consultations/ meetings, workshops
- Conduct of sectoral/ intersectoral analysis, validation, and reports
- Creation of maps
- Integrate/finalize studies, research findings, and consultation/survey outputs

a. Infrastructure and GIS Mapping

Chair: Engr. Rolando Jamero
Members: Archt. Mary Jane Bermejo Mr. Alan Dino Moscoso
Engr. Nelson Fines Archt. Christian Pancrudo
Engr. Ricar Francisco Archt. Mark Andrew Parcia
Engr. Rio Lemana Mr. Felipe Tunay, Jr.
Engr. Reginald Monsale Engr. Mario Morano
Engr. Edzel Montehermoso Archt. Luis Rabut III
Prof. Rhea Subong Engr. Roger Teves

b. Academic Sector

Chair: Dr. Philip Ian Padilla
Members: Dr. Ramer Bautista
Prof. Louise Annette Escoto
Prof. Alice Joan Ferrer
Prof. Encarnacion Emilia Yap
Prof. Johnrev Guilaran

c. Research and Extension

Chair: Dr. Harold Monteclaro
Members: Dr. Victor Marco Emmanuel Ferriols
Prof. Benmar Panaguiton
Dr. Concepcion Ponce
Ms. Rotsen Cayanan

d. Economic/Resource Generation

Chair: Prof. Frediezel De Leon
Members: Prof. Leah Araneta Dr. Joy Lizada
Dr. Ramer Bautista Ms. Milyn Leghid
EnP. Leilanie Geduspan Ms. Rose Mueda
Prof. Christopher Honorario Mr. Felipe Tunay, Jr.
Ms. Beverly Nuevaespaña

e. Social Sector

Chair: Prof. John Lorenz Belanio
Members: Engr. Jose Cadiz Ms. Lyncen Fernandez
Dr. Philip Ian Padilla Ms. Melanie Calcaben
Ms. Cherlie Ripani Dr. Cecilia Villaruz
Engr. Roger Teves Mr. Felipe Tunay, Jr.
CDMO-appointed Pollution Control officer

f. Environment and Biodiversity Hub

Chair: Prof. Frances Nievaes
Members: Dr. Harold Monteclaro Dr. Maria Celia Malay
Prof. Ann Selma Morata Dr. Resurrecion Sadaba
Prof. Dominique Mediodia Dr. Dennis Ong
Dr. Mae Grace Nillos

g. Heritage Team

Chair: Dr. Rhodella Ibabao
Members: Archt. Mary Jane Bermejo Dr. Joy Lizada
Prof. Alfredo Diaz Mr. GC Castro
Prof. Martin Genodepa Dr. Rey Carlo Gonzales
Engr. Rolando Jamero Engr. Reginald Monsale
Dr. Randy Madrid Engr. Mario Morano
Archt. Luis Rabut III Mr. Wilfredo Palete Jr.

h. Institutional Sector

Chair: Prof. John Lorenz Belanio
Members: EnP. Leilanie Geduspan
Prof. Frediezel de Leon
Ms. Milyn Leghid
Dr. Rhodella Ibabao
Ms. Ella Tidon

i. Data Management and MIS Creation

Chair: Prof. Vicente Balinas
Members: Prof. Elfred Abacan
Prof. Nilo Araneta
EnP Leilanie Geduspan
Dr. Rhodella Ibabao

D. Support Teams

The groups will be responsible for providing administrative, IT, publicity, technical writing, and process documentation support to the activities of the UPV Iloilo Planning Team. It will coordinate closely with the Secretariat.

D.1 Logistics and Administrative Team

Chair: Prof. Maria Elisa Baliao
Members: Ms. Jenelie Acosa Ms. Mybelle Zulueta
Ms. Thyrza Cababasay Mr. Aries Cuenta
Ms. Lucy Granada Mr. Rodney Jance
Ms. Beverly Nuevaespaña Ms. Brechelle Payongayong

D.2 IT Support (DISP)

Chair: Prof. Rhea Subong
Members: Mr. Rico Hortillo
Mr. Wilfredo Palete
Mr. Efrain Servento

D.3 Publicity Team (IPO)

Chair: Prof. Julie Prescott
Members: Ms. Mary Lyncen Fernandez
Mr. Gian Nino Genoveza

D.4. Technical Writing and Documentation Team

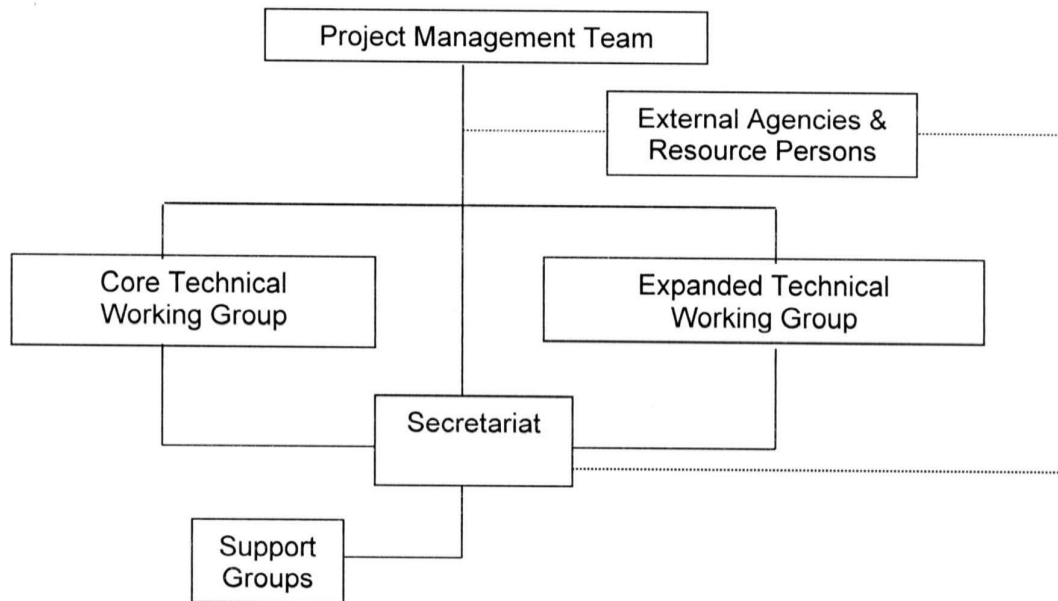
Chair: Prof. Cristabel Rose Parcon
Members: Engr. Ricar Francisco
EnP. Leilanie Geduspan
Dr. Rhodella Ibabao
Ms. Milyn Leghid

OVERALL SECRETARIAT

The Office of the Vice Chancellor for Planning and Development, in close coordination with the Office of the Vice Chancellor for Administration and other UPV offices, shall serve as the lead office in the completion and submission of the LUDIP. The OVCPD and the OVCA shall also act as the overall Secretariat of the PMT and TWGs in facilitating stakeholder consultations and consolidating documents.

The Secretariat, in consultation with the PMT, shall coordinate with other agencies/institutions/resource persons for LUDIP-related activities.

STRUCTURE OF THE UPV ILOILO PLANNING TEAM



Everyone is enjoined to participate in the various activities of the UPV Iloilo Planning Team when requested.

For your information and guidance.


CLEMENT C. CAMPOSANO
Chancellor

cc: All VCs CDMO
CAS Dean OCEP
SOTECH Dean CFOS Dean
CM Dean DISP
CWVS IPO
HRDO

CCC/erod

Some Key References

The Land Use Development and Infrastructure Plan of the University of the Philippines Visayas guides the physical development, improvement of facilities, housing development, circulation plan and allocation of open spaces to support the educational, research, and public service experience of its constituents. The plan mirrors the unique identity of the university and in harmony with its community. The plan adheres to relevant policies, laws, UP-system guidelines, and plans to include, but are not limited to, as follows:

UP Plans and other UP Related References

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SAMPLE LIST UPV LUDIP ACTIVITIES
(March 15, 2021 up to June 2022)

Notes: The venues of the consultative meetings and working meetings depended on the quarantine status of Iloilo. Majority of the activities were held online when the quarantine status was ECQ. Depending on the allowed number of participants, meetings were held face-to-face to produce better results. The list does not include the preparatory meetings and trainings to produce the outputs.

ACTIVITIES	DATE		TIME	VENUE	Participants
	From	To			
LUDIP Orientation Webinar for the UP System and its constituents	March 15, 2021	March 16, 2021	8AM to 12NN; 1PM to 4PM	TR GCEB, UPV Iloilo City Campus	OVPD, SUCs, UPV LUDIP TWG
Meeting with Prof. Maria Elisa D Baliao (Project Development Assistant for Operations) VCPD Rhodella A. Ibabao and Leilanie G. Geduspan, Planning Officer III regarding the proposed LUDIP workshop activities and budget	March 19, 2021		1:30PM to 4:00PM	Hotel Del Rio	LUDIP TWG
Meeting with UP SURP regarding concerns on LUDIP workshops, modules, schedule of trainings and budget (via zoom)	March 24, 2021		2:00PM to 3:00PM	OVCPD	LUDIP TWG
Meeting in preparation for the Situational Analysis Workshop (preparation of activities and identification of base maps for reference)	April 6, 2021		1:30PM to 4:00PM	TR, GCEB, UPV Iloilo City Campus	LUDIP TWG
Resource Mapping and Situational Analysis	April 15, 2021	April 16, 2021	8AM to 12NN; 1PM to 4PM	TR, GCEB, UPV Iloilo City Campus	LUDIP TWG
Workshop on GIS Mapping and Finalization of Campus Maps for Iloilo City and Miagao Campuses (approved, actual and proposed)	April 19, 2021	April 20, 2021	8AM to 12NN; 1PM to 4PM	April 19 - OVCPD April 20 - CM 12	LUDIP TWG

ACTIVITIES	DATE		TIME	VENUE	Participants
	From	To			
LUDIP Kick-Off Dry-run	April 23, 2021		1:30PM to 4:00PM	TR, GCEB, UPV Iloilo City Campus	LUDIP TWG
Kick-Off Ceremony for the Creation of the Land Use Development and Infrastructure Plan (LUDIP) for Iloilo, Miagao and Tacloban Campuses	April 28, 2021		8:30AM to 9:15AM	TR, GCEB, UPV Iloilo City Campus	VCs, Deans, Directors,, UPV Personnel, LUDIP TWG and Committee
Meeting with the Vice Chancellors and Deans regarding the presentation of the Draft UPV Campus Master Plan maps for Iloilo and Miagao Campuses	April 28, 2021		9:30AM to 12:00NN	TR, GCEB, UPV Iloilo City Campus	VCs, Deans, Directors, LUDIP TWG and Committee
TWG and committee meeting regarding preparations and scheduling of LUDIP activities	April 28, 2021		1:00PM to 3:00PM	TR, GCEB, UPV Iloilo City Campus	LUDIP TWG and Committee
LUDIP Situational Report Meeting with VP Zamora (Via Zoom)	April 30, 2021		9:00AM to 12:00NN	OVCPD	SUCs,UPV LUDIP TWG
Ground Truthing (ocular inspection) of UPV Miagao Campus with the Management Committee and the Deans	May 12, 2021		8:30AM to 12:00NN	UPV Miagao Campus	VCs, Deans, Directors, LUDIP TWG and Committee
Simultaneous LUDIP Workshops on Assessment of Data Maps for Profiling, Data Entry and Visioning for Development Goals/Thrust	May 14, 2021		8:00AM to 4:00PM	TR, GCEB, UPV Iloilo City Campus	VCs, Deans, Directors, LUDIP TWG and Committee
Workshop on Concept Mapping, Part 1	June 7, 2021				LUDIP TWG
Visioning Workshop 1 – Institutional (Administrative Units/Offices)	June 10, 2021		8:00AM to 4:00PM	TR, GCEB, UPV Iloilo City Campus	UPV Personnel, LUDIP TWG and Committee
Visioning Workshop 1 – Academic, Research and Extension (Colleges & VCs)	June 24, 2021		8:00AM to 4:00PM	TR, GCEB, UPV Iloilo City Campus	VCs, Deans, Directors, LUDIP TWG and Committee

ACTIVITIES	DATE		TIME	VENUE	Participants
	From	To			
LUDIP Stakeholder's Meeting dry-run	June 16, 2021		9:00AM		LUDIP TWG
LUDIP Stakeholder's Vision Reality Gap Workshop 1 (Office of the Vice Chancellor for Administration and Office of the Vice Chancellor for Planning and Development)	June 17, 2021		8:00AM to 4:00PM	via zoom	LUDIP TWG, OVCA & OVCPD VCs, faculty and staff
LUDIP Stakeholder's Vision Reality Gap Workshop 2 (College of Arts and Sciences and College of Management)	June 18, 2021		8:00AM to 4:00PM	via zoom	LUDIP TWG, CAS and CM Dean, Heads, faculty and staff
LUDIP Bubble Diagram Workshop	June 21, 2021		8:00AM to 4:00PM	via zoom	LUDIP TWG
LUDIP Stakeholder's Vision Reality Gap Workshop 3 (Office of the Vice Chancellor for Research and Extension and Office of the Vice Chancellor for Academic Affairs)	June 24, 2021		8:00AM to 4:00PM	via zoom	LUDIP TWG, OVCRE & OVCAA VCs, Directors, faculty and staff
LUDIP Stakeholder's Vision Reality Gap Workshop 4 (Office of the Chancellor)	June 25, 2021		12:30-5:00PM	via zoom	LUDIP TWG, OC Chancellor, Directors, faculty and staff
Online Workshop on Concept Mapping	June 30, 2021		8:15am-3:30pm	via zoom	LUDIP TWG
LUDIP Stakeholder's Vision Reality Gap Workshop 5 (School of Technology)	July 1, 2021		8:00AM to 4:00PM	via zoom	LUDIP TWG, SOTECH Dean, faculty and staff
Online Workshop on Concept Mapping part 2	July 7, 2021		8:15 am to 3:30pm	via zoom	LUDIP TWG
LUDIP Stakeholder's VRG Workshop 6 (College of Fisheries and Ocean Sciences)	July 9, 2021		8:15 am to 11:30am	via zoom	LUDIP TWG, CFOS Dean, Directors, faculty and staff
Workshop on Concept Mapping, Part 3	July 14, 2021		8:15 am to 3:30pm	via zoom	LUDIP TWG
Workshop on Concept Mapping, Part 4	July 21, 2021		8:15 am to 3:30pm	via zoom	LUDIP TWG

ACTIVITIES	DATE		TIME	VENUE	Participants
	From	To			
Schedule of Consultation regarding the LUDIP of UPV Tacloban College	July 27, 2021		1:30 pm to 3:00pm	via zoom	LUDIP TWG, UPVTC Dean, Heads, faculty and staff
LUDIP Situational Report Meeting	July 30, 2021		8:00AM to 4:00PM	via zoom	OVPD, SUCs,UPV LUDIP TWG
LUDIP Inventory of Buildings and meeting with CDMO Engineers and staff	August 2, 2021		2:00PM	via zoom	LUDIP TWG
LUDIP Technical Writers meeting	August 2, 2021		3:00PM to 4:00PM	via zoom	LUDIP Writers
Biodiversity meeting with DENR	August 3, 2021		9:30AM to 12:00PM	via zoom	LUDIP TWG and biodiversity committee
Online Orientation on Shelter Planning with EnP Eva Maria P. Marfil	August 4, 2021		9:00am to 12:00pm	via zoom	LUDIP TWG and committee
Meeting with Dean Yap regarding existing and proposed buildings of CFOS and their location	August 4, 2021		2:00PM to 3:00PM	via zoom	LUDIP TWG, CFOS Dean and staff
Exploratory Meeting on Investment Programming in the Context of LUDIP with DILG	August 6, 2021		8:30AM to 10:30AM	via zoom	LUDIP TWG and committee and DILG Director and personnel
Needs Assessment Meeting with UP Vanguard for UP ROTC Program	August 6, 2021		1:00PM to 4:00PM	via zoom	LUDIP TWG and committee and UPV Vanguard
Initial Report on Resource Generation Initiatives in UPV	August 9, 2021		1:00PM to 2:00PM	via zoom	LUDIP TWG and Resource to Generation Committee
S&T Park Presentation for LUDIP	August 10, 2021		8:30AM to 12:00PM	via zoom	LUDIP TWG
Meeting to discuss matters in preparation for the proposed Orientation-Workshop on Investment Programming in the context of LUDIP	August 12, 2021		9:00AM to 11:00AM	via zoom	LUDIP TWG

ACTIVITIES	DATE		TIME	VENUE	Participants
	From	To			
Brief presentation of the: 1. Biodiversity Hub concept note and 2. Status of properties and occupants in Miagao and Iloilo city	August 23, 2021		1:00PM to 6:00PM	via zoom	LUDIP TWG and Biodiversity Committee
LUDIP Situational Report	August 27, 2021		9:30AM to 12:00PM	via zoom	OVPD, SUCs,UPV LUDIP TWG
LUDIP Investment Programming Workshop	September 2, 2021		8:30AM to 12:00PM	via zoom	LUDIP TWG and committee, Deans, Directors, Faculty and Staff
Meeting of the LUDIP administrative support staff	September 13, 2021		9:00 – 10:00am	via zoom	LUDIP Admin
Meeting with Mr. Alyosha Ezra Mallari of the Office of the VPD regarding updates on UPV LUDIP	September 16, 2021		1:30 – 4:30pm	via zoom	UPV LUDIP TWG
LUDIP Situational Report Meeting Invite for UP Visayas	September 28, 2021		9:30am – 1:00pm	via zoom	OVPD, SUCs,UPV LUDIP TWG
Checking of MAPS (Planning and Design Team together with Architects Zaragoza and Camena)	October 13, 2021		12:00 – 1:00pm	CM 12, UPV City Campus	LUDIP TWG
Dry Run of LUDIP Presentation to the LGU of Iloilo City	October 21, 2021		1:00 – 4:00pm	via zoom	LUDIP TWG
LUDIP Presentation to the LGU of Iloilo City	October 22, 2021		1:00 – 2:30pm	GCEB, UPV Iloilo City	LUDIP TWG
Dry Run of LUDIP Presentation to the LGU of Miagao	October 25, 2021		1:00 – 3:30pm	via zoom	LUDIP TWG
LUDIP Presentation to the LGU of Miagao	October 26, 2021		1:30 – 4:00pm	LGU Miagao	LUDIP TWG
LUDIP Situational Report Meeting Invite for UP Visayas	October 28, 2021		9:30am – 12:00pm	via zoom	OVPD, SUCs, UPV LUDIP TWG
Finalization of LUDIP tables and maps	October 29, 2021		8:00am – 4:00pm	Diversion 21 Hotel	LUDIP TWG and Committee
Refinement of the LUDIP maps and data	November 8, 2021		8:00am – 4:00pm	FTBI Building, UPV Miagao	LUDIP TWG

ACTIVITIES	DATE		TIME	VENUE	Participants
	From	To			
Meeting on logistics and administrative concerns	November 11, 2021		10:00 – 10:30am	Emilion Hotel, Iloilo City	LUDIP Logistics and Administrative Team with VCPD Ibabao and Ms. Geduspan
LUDIP Situational Report Meeting Invite for UP Visayas	November 26, 2021		10:35 – 12:00nn	via zoom	OVPD, SUCs, UPV LUDIP TWG

LUDIP Situational Report Meeting Invite for UP Visayas	January 31, 2022		9:30am – 12:00nn	via zoom	OVPD, SUCs, UPV LUDIP TWG
Presentation Outline. LUDIP CAC Consultation	February 8, 2022		1:00PM	via zoom	UPV LUDIP TWG
LUDIP TWG for Infra and Environment	February 10, 2022			via zoom	LUDIP TWG and Committee
Dry-run for the LUDIP presentation on Friday, Feb 18	February 16, 2022		1:00 – 2:00pm	via zoom	LUDIP TWG and Committee
Stakeholder Consultation of Maps and Campus Concerns related to LUDIP	February 18, 2022		9:00am – 2:00pm	Diversion 21 Hotel, Iloilo City	College Advisory Council members, UPV-LUDIP TWG
LUDIP Situational Report Meeting Invite for UP Visayas	March 14, 2022		9:30am – 12:00nn	via zoom	OVPD, SUCs, UPV LUDIP TWG

Data and Maps meeting for LUDIP	March 23, 2022		9:00am - 10:00am	New Administration Building Conference Room, Miagao, Iloilo	LUDIP TWG
LUDIP Situational Report Meeting Invite for UP Visayas	April 20, 2022		9:30am – 12:00nn	via zoom	OVPD, SUCs, UPV LUDIP TWG
UPV LUDIP Launching Ceremony	April 28, 2022		8:00am – 12:00pm	Training Rooms GCEB, UPV Iloilo City	LUDIP TWG and Committee
LUDIP Situational Report Meeting Invite for UP Visayas	May 17, 2022		9:30am – 12:00nn	via zoom	OVPD, SUCs, UPV LUDIP TWG
Presentation of the ICT Plan by Prof. Rhea Subong	June 21, 2022		1:00pm - 5:00pm	via zoom	IT Committee for LUDIP
Meeting re fixing of LUDIP Maps	June 22, 2022		9:00am - 5:00pm	GCEB Training Room 1	VCPD, Arch. Map, Arch. Christian, Ms. Ms. Penny Lane Ybanez
LUDIP Situational Report Meeting Invite for UP Visayas	June 28, 2022		9:30am – 12:00nn	via zoom	OVPD, SUCs, UPV LUDIP TWG