

UNIVERSITY OF THE PHILIPPINES VISAYAS



LAND USE DEVELOPMENT AND INFRASTRUCTURE PLAN 2021-2030

Iloilo City 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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PREFACE

The Land Use Development and Infrastructure Plan (LUDIP) for the Iloilo City campus is a document that represents the culmination of field studies, analyses, and recommendations about the nature of future development in UPV Iloilo City 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. In 2011, the UP Board of Regents (BOR) approved the land use plan of the city campus. 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 Iloilo City 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 UP Visayas and of Iloilo City

1.1 History and Mandate of the University

The University of the Philippines Visayas was established by the Board of Regents on May 31, 1979, in response to the need to accelerate the development of fisheries and marine resources of the country. The concept of a new autonomous university of the UP System, as conceived in 1975, was to be realized by means of expanded fisheries education, research, and extension service programs with its main campus in Miagao, Iloilo, and with the College of Fisheries as its flagship-college.

On October 30, 1980, Executive Order No. 628 operationalized the UP Visayas as an autonomous unit of the University of the Philippines System, which was to consist of the College of Fisheries, College of Arts and Sciences, Institute of Fisheries Development and Research, Brackishwater Aquaculture Center, School of Development Management, Graduate School, School of Technology and such other units as may be approved and funded pursuant to the provisions of the General Appropriations Act.

As the fourth autonomous university of the UP system, UP Visayas aims to 1) develop excellence and leadership in fisheries and marine education, research and extension in the country, 2) expand opportunities for professional and technical training to the rural areas, 3) contribute to professional and technical training for the rural areas, 4) contribute to rural development through relevant instructional, research and extension programs in management, education, engineering, health and related fields, and 5) preserve and enhance the national and Visayan cultural heritage.

The University of the Philippines (UP) Iloilo was established right after World War II, on 18 December 1945 through a resolution of the Municipal Board of Iloilo. Officially, opening on 1 July 1947, the University of the Philippines Iloilo College (UPIC) became the first campus of the UP system in the Province of Iloilo. Its initial offering was for the third and fourth-year high school students and the first and second-year college levels. It became a full-fledged college in 1954 then changed its name to UP College Iloilo (UPCI). It started offering undergraduate and graduate degree programs, and a complete high school (Proposed Land Use Plan [LUP] for Iloilo City Campus, 2011).

As a leading university in Western Visayas, it is envisioned to be the regional center for professional and continuing education as well as a regional center for culture and the arts (Proposed LUP for Iloilo City Campus, 2011).¹

¹<http://sites.google.com/site/upvgpo/up-visayas-hiistory-goals-and-objectives>

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Table 1.1 Timeline of Key Development of UP Visayas

Timeline	Key Notes
1945	Mayor Fernando Lopez and the Iloilo City Council passed Resolution 485 appealing for a Junior College of the University of the Philippines to be established in Iloilo (December 18) (https://: www.upv.edu.ph).
1947	<p>The Iloilo City Council approved Resolution 461 formally donating the pre-war city hall and its site of 10.8 hectares for the exclusive use of UP Iloilo College (April 8). The University of the Philippines Iloilo College (UPIC) was formally opened with Dr. Tomas Fonacier as the first Dean (July 1) (https://: www.upv.edu.ph).</p> <p>The university started offering classes for the Lower Division Level for 3rd and 4th year high school students and Upper Division for 1st and 2nd year college levels, the first of its kind in the country.</p>
1948	<p>UPIC was given 41 lots and 1 building by the Iloilo City Government thru a Deed Donation.</p> <p>Iloilo City council's Resolution 753 (July 14) and Resolution 782 (July 23) formally set the legal transfer of the city hall building and adjoining site from the city government's ownership to UP (https://: www.upv.edu.ph).</p>
1949	Iloilo City Mayor Vicente Ybiernas and UP President Bienvenido Gonzales made legal and definite the use of the city hall building and site by UPIC through the "Deed of Donation" signed by both parties (August 24) (https://: www.upv.edu.ph).
1954	UPIC was renamed UP College Iloilo
1964	Deed of Donation was signed donating to UP 1,6174 has. of land in Taklong Island,

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Timeline	Key Notes
1965	<p>The University of the Philippines was given 11 land grants in Visayas, Mindanao, and Luzon thru RA 4514 which established the Institute of Fisheries Development and Research within the College of Fisheries</p> <p>The university acquired a total land area of 106.4263 at Brgy. Camaligan, Batan, Aklan through the RA 4514: An Act to Establish an Institute of Fisheries Development and Research within the College of Fisheries of the University of the Philippines dated 19 June 1965. The aforementioned land was ceded, conveyed, and transferred in full ownership to the University of the Philippines by the Bureau of Lands of the Department of Agriculture and Natural Resources dated 12 August 1968 per Original TCT P-933 with Special Patent No. 1208 dated 19 June 1965.</p> <p>The area in Brgy. Camaligan, Batan is now called the Batan Mariculture Center under the Institute of Aquaculture of the College of Fisheries and Ocean Sciences.</p>
1973	<p>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 833rd meeting of the UP Board of Regents on July 2, 1973.</p>
1975	<p>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.</p>
1978-1982	<p>Region VI -Western Visayas was established as the site of the new UP unit under the Philippines Five-Year Development Plan.</p>
1979	<p>The University of the Philippines in the Visayas became an autonomous unit during the 914th meeting of the Board of Regents (May 31).</p>
1980	<p>UP Visayas was operationalized with its main campus in Miagao and the College of Fisheries as its flagship college thru Executive Order No. 628 by President Ferdinand Marcos (October 30).</p>
1981	<p>The site development and construction of the Miagao Campus through the Sixth Educational Loan of the Philippine Government was approved by the World Bank (September).</p>

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Timeline	Key Notes
1983	<p>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 Affairs.</p> <p>The UP College Tacloban was placed under the administrative supervision of the University of the Philippines Visayas through Executive Order No. 4.</p> <p>UPV granted tenurial use right thru a Memorandum of Agreement of UPV with the Protected Area Management Board of Taklong Island National Marine Reserve (TINMaR).</p>
1986	<p>UP Cebu College (renamed UP Visayas Cebu College) and UP Tacloban College (UP Visayas Tacloban College) were integrated into regional campuses under the UP Visayas administration.</p>
1988	<p>The College of Fisheries was transferred from UP Diliman to UPV followed by its reorganization. The former departments became institutes - Institute of Aquaculture, Institute of Fish Processing Technology, Institute of Marines Fisheries and Oceanology, and Institute of Fisheries Policy and Development Studies (May).</p> <p>The College of Fisheries transferred to Miagao campus under Chancellor Rogelio Juliano and Dean Efen Ed C. Flores.</p>
1990	<p>The College of Arts and Sciences-Division of Humanities and Division of Social Sciences and School of Technology transferred from Iloilo City to Miagao during the term of Chancellor Francisco Nemenzo (June).</p>
1993	<p>The Division of Physical Sciences and Mathematics and the Division of Biological Sciences transferred from the city campus to Miagao. The Office of the Dean and the complete transfer of the College of Arts and Sciences from Iloilo City to Miagao took place in May 1993.</p>
2001	<p>Diwata ng Dagat, a sculpture made by Napoleon V. Abueva, was unveiled on the university's 55th Foundation Day (July 25). The sculpture has become a landmark of the UPV campus.</p>

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Timeline	Key Notes
2008	A report was made on the socio-economic profile of the occupants and structures outside the fenced area but within the UPV property in the Iloilo City campus under Chancellor Glenn Aguilar.
2010	The University of the Philippines Cebu College was declared as an autonomous unit under the Office of the President of the University effective January 2011 by the Board of Regents (September 24).
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.

Sources: [Proposed Land Use Plan for the University of the Philippines Property in Iloilo City, 2011](#); [UP Tacloban College Profile](#); [UPV EO 9-1983](#). The table only shows key events relevant to LUDIP. For details, please refer to [Padayon nga Maragtas sang UP sa Visayas: 75 Years of the UP Presence in Iloilo and Beyond, 2022](#).

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 2022, the University of the Philippines Visayas has three (3) degree-granting campuses namely UP Visayas Miagao, UP Visayas Iloilo City, and UP Visayas Tacloban College. UP Visayas Miagao remains the flagship campus and the center of administration.

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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).

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History of Acquisition

The present UPV Iloilo City Campus sits on a donated property to UP by the Iloilo City government. The Deed of Donation was signed on 24 August 1949. The City of Iloilo, represented by Mayor Vicente Ybiernas, donated a building (formerly the “City Hall”) and 41 portions of lots to UPIC. The two salient points in the Deed of Donation are as follows:

1. Exclusive use of the area for “school and school site purposes”.
2. The area cannot be alienated, sold, mortgaged, or in any manner encumbered (Proposed LUP for Iloilo City Campus, 2011, p.3).

With its strategic location, UPV Iloilo City Campus has played significant roles in Western Visayas historically, academically, socially, and economically. It has envisioned itself as the center for professional and continuing education, culture, and the arts. However, the development of academic infrastructures in the property has been minimal and limited within the fenced area since its acquisition. This is due to land titling concerns and the presence of occupants and structures in the lots donated by the Iloilo City Government to UP. The enactment of Republic Act 11396 or the SUCs Land Use Development and Infrastructure Plan (LUDIP) is one mechanism to enhance the learning environment for its constituents. The LUDIP will also respond to the challenges related to campus development, especially with regard to the presence of occupants and of institutional and business establishments in the donated lots.

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Milestones in Campus Land Use Planning

Table 1.2 History of Campus Land Use Planning of UP Iloilo City Property.

Policy	Key Notes
Memo 93-23 in 1993	Chancellor Flor J. Lacanilao directed the division of the city campus into two: the Professional Education and College of Management and the creation of a committee tasked as a recommendatory body on the allocation and management of spaces.
AO No. 96-50 in 1996	Chancellor Arsenio S. Camacho issued the order for the constitution of the UPV Iloilo City Campus Development Committee, tasked to consolidate the land use plans within the fenced area, and created a team to conceptualize the development of the Graduate School Building.
AO 181 in 2002	Chancellor Ida M. Siason issued the order for the creation of a committee to plan for the entire UPV Iloilo City property that included properties outside the fenced area. Consultation and forums were done with the UPV community and constituents of the barangays affected, respectively.
2008	A multi-agency committee headed by UPV VCPD Crispino A. Saclauso, conducted the profiling of the informal settlers outside the fenced area in partnership with ICUPAO, PCUP, and HUDCC and discussed the options for the property from what is legal to socially responsible for all concerned.
2010	VCPD Alice Joan G. Ferrer the review and adoption of previous plans and crafting of the draft after public consultations on the general plan for the property for submission to the Board of Regents. The plan submitted was to maximize the utilization of the whole property.

Source: Land Use Plan for the University of The Philippines Property in Iloilo City, 2011.

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Current Governing Board

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 also represents the executive offices and colleges that perform core. 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.

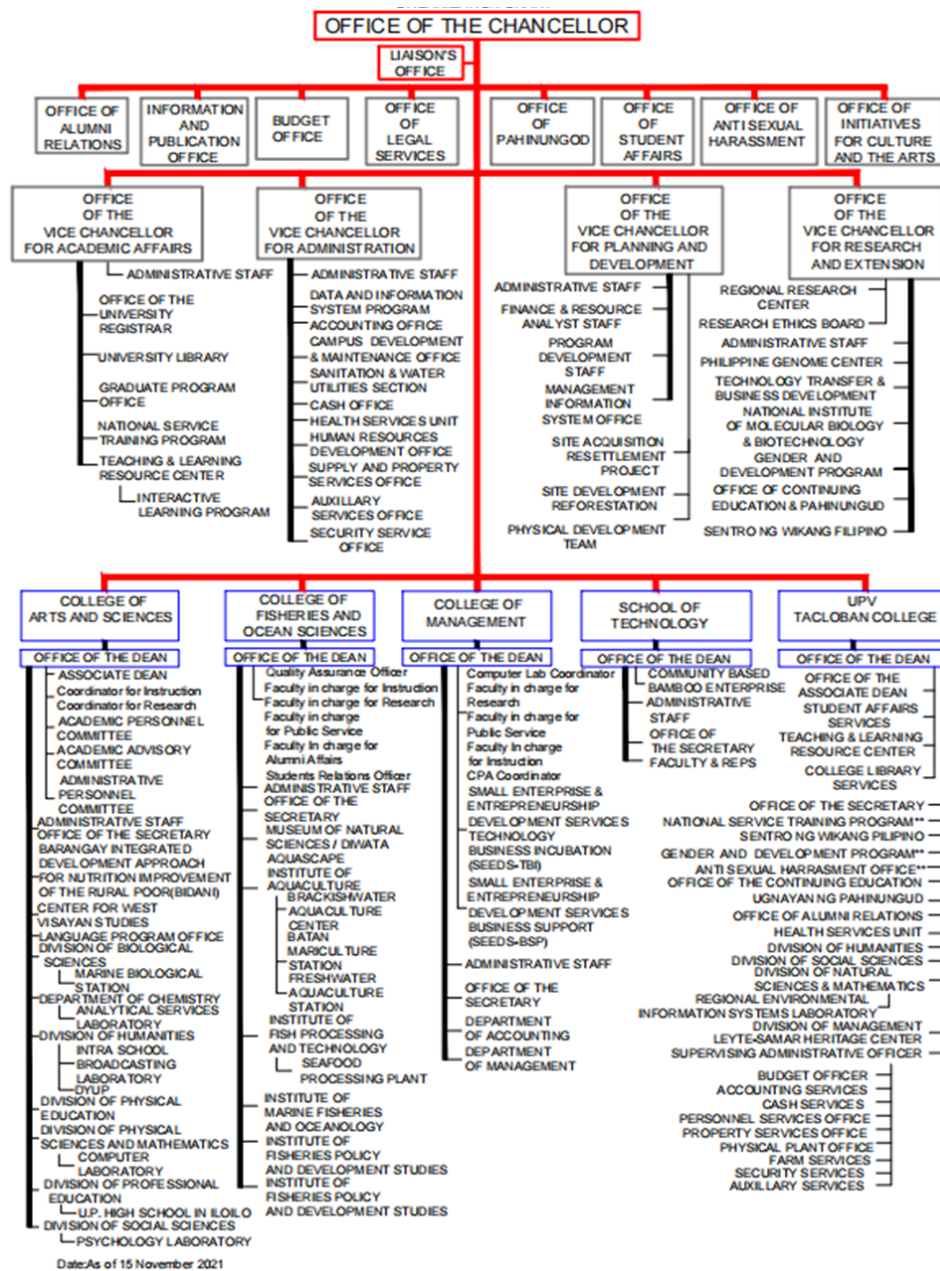


Figure 1.1 Organizational Chart of University of the Philippines Visayas

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Academic Programs and Services Offered

The academic programs in UPV Iloilo City for the Academic Year (A.Y.) 2020 – 2021 are shown in Table 1.3. Three (3) undergraduate programs, five (5) Graduate programs from different colleges including those that are based on the Miagao campus, and one (1) Post Baccalaureate.

Table 1.3 Degree programs offered for A.Y. 2020-2021 in UPV Iloilo City Campus.

Program	Degree
Undergraduate	BS Accountancy BS Business Administration (Marketing)
Graduate	Master of Management Master of Chemistry Master of Education (with eight majors) Master of Biology
Post-Baccalaureate	Diploma in Urban and Regional Planning

Source: UPV CRS August 19, 2019

The UPV Iloilo City Campus also offers Secondary Education and Senior High School with the following academic tracks:

- Accountancy, Business, and Management (ABM)
- Humanities and Social Science (HUMSS)
- Science, Technology, Engineering, and Mathematics (S.T.E.M.)

As of A.Y. 2021-2022, the University of Philippines College of Law and the University of the Philippines Visayas Iloilo City Campus have jointly offered Juris Doctor. The pioneer batch will include students from Iloilo, Aklan, Cebu, Bohol, Leyte, Butuan, Cagayan de Oro, Zamboanga, and Davao.

The executive offices, colleges, and other administrative offices provide extension services to the larger public through the following initiatives:

- The Balay-Balay Child Minding Center run by the Gender and Development Program Office under the Office of the vice Chancellor for Research and Extension;
- Community Outreach Program (programs, projects, and activities to raise community awareness of social and political issues as well as the appreciation of one's cultural heritage);

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- Continuing Education Program (seminars, workshops, conferences, forums, and other non-degree training activities for different clientele groups). UP Visayas has been hosting the annual International Conference for Fisheries and Aquatic Sciences since 2015 and the biennial Pagtibong: The UPV International Conference on Intangible Heritage since 2017;
- Consultancy and Technical Services Program (professional services rendered to specific clientele groups, individuals, or organizations);
- Technology Packaging and Information Dissemination Program (translation, dissemination/transfer of research findings and other significant information); and
- Contests, programs, celebrations, in commemoration of local, national and internationally significant events).

Recognition and Awards

The university has been designated by the Commission on Higher Education (CHED) as a Centre of Excellence in Fisheries Education confirming the flagship program of the University. The university has also received local and international recognitions and awards in a variety of scholastic and public service initiatives. The table below presents a few of these recognitions.

Table 1.4 Recognitions Conferred to the University by CHED

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 College of Fisheries and Ocean Sciences CMO No. 03, series of 2019

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

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1.2 Demographic Profile

General Population

The UPV Iloilo City campus general population is composed of faculty, Research, Extension and Professional Staff (REPS), administrators, and students from the UP high school students, College of Management undergraduate and graduate students. The faculty, REPS, and administrators have steadily increased while the number of students shown in the table below has experienced slight changes over the years.

Table 1.5 Population Distribution by Affiliation, Sex, and Academic Year in the College of Management

Academic Year	Faculty			REPS and Admins			Students		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
AY 2011-2012	10	20	30	3	6	9	268	749	1017
AY 2012-2013	10	23	33	3	6	9	251	769	1020
AY 2013-2014	10	24	34	2	6	8	305	798	1103
AY 2014-2015	10	24	34	2	6	8	292	778	1070
AY 2015-2016	10	25	35	4	6	10	322	797	1119
AY 2016-2017	11	20	31	4	6	10	293	646	939
AY 2017-2018	11	20	31	4	6	10	262	529	791
AY 2018-2019	13	21	34	3	7	10	237	547	784
AY 2019-2020	13	22	35	3	7	10	222	551	773
AY 2020-2021	13	20	33	3	8	11	204	613	817

Table 1.6 Population Distribution by Affiliation, Sex, and Academic Year in CAS-Division of Professional Education/UP High School in Iloilo

Academic Year	Faculty			REPS and Admins			Students*		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
AY 2011-2012	9	16	25	5	7	12			
AY 2012-2013	11	14	25	5	8	13			
AY 2013-2014	10	14	24	4	8	12			
AY 2014-2015	11	16	27	4	8	12			
AY 2015-2016	12	16	28	3	8	11			
AY 2016-2017	17	14	31	2	7	9			
AY 2017-2018	17	14	31	2	7	9			
AY 2018-2019	17	21	38	7	8	15			
AY 2019-2020	17	19	36	7	9	16			
AY 2020-2021	18	18	36	6	8	14			

*To follow

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Table 1.7 Other REPS and Administrative Staff not included in CM and Prof Ed/UPHSI but in the City Campus

Academic Year	REPS and Admins		
	Male	Female	Total
AY 2011-2012	24	36	60
AY 2012-2013	20	38	58
AY 2013-2014	17	38	55
AY 2014-2015	16	36	52
AY 2015-2016	17	37	54
AY 2016-2017	16	34	50
AY 2017-2018	12	31	43
AY 2018-2019	14	32	46
AY 2019-2020	15	31	46
AY 2020-2021	14	37	51

The graduate students' population in the Iloilo City campus has been increasing except for the last four (4) years when it has slightly decreased. The undergraduate population declined during the A.Y. 2016 – 2017 and A.Y. 2017 – 2018 as an impact of the implementation of the K-12 curriculum. This decrease is also reflected in the enrollment of undergraduate students in the College of Management. There are no enrollees for the years 2016 and 2017. During those two (2) years, enrollment in high school continues to increase mainly due to students who opted to enroll in UP Senior High School.

The College of Management (CM) undergraduate program will be transferring to Miagao by the First Sem AY 2022 – 2023. Only the graduate programs of the CM will be retained on the city campus. Thus, the population in the city campus is expected to decrease in the next ten years. The population projection of the CM personnel and students is reflected in the LUDIP of UPV Miagao campus. The population trends and summary are shown in the tables and figures in the succeeding pages.

Table 1.8 Average growth rates used to project populations

Population	Growth Rate	
	Male	Female
Milagao Campus with CM		
Faculty	3.78	3.50
REPS and Admin	0.10	7.43
Central Administration	3.17	2.52
Undergraduate and Graduate Student	9.13	6.04
Iloilo City Campus		
Faculty	2.62	3.46
REPS and Admin	2.83	3.30
CM Graduate Student	14.70	8.80

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For the students, the projections are based on their 9.13% and 6.04% average growth rate for male and female students from AY 2011 – 2012 to AY 2015 – 2016. Table 4 shows the actual and projected number of students in the City Campus.

Table 1.9. Actual (AY 2011-2012 to AY 2020-2021) and Forecasted (AY 2021-2022 to 2030-2031) Graduate Student Populations in the Iloilo City Campus

Academic Year	CM Graduate Students		
	Male	Female	Total
AY 2011-2012	60	98	158
AY 2012-2013	53	95	148
AY 2013-2014	78	128	206
AY 2014-2015	65	108	173
AY 2015-2016	91	129	220
AY 2016-2017	100	148	248
AY 2017-2018	121	195	316
AY 2018-2019	103	190	293
AY 2019-2020	109	214	323
AY 2020-2021	81	169	250
Forecasts			
AY 2021-2022	93	184	277
AY 2022-2023	107	200	307
AY 2023-2024	123	218	341
AY 2024-2025	141	237	378
AY 2025-2026	162	258	420
AY 2026-2027	186	281	467
AY 2027-2028	213	306	519
AY 2028-2029	244	333	577
AY 2029-2030	280	362	642
AY 2030-2031	321	394	715

1.3 Geographic Location of the SUC and its Campuses

Geography

UPV Iloilo City is in the Province of Iloilo, on the island of Panay. The island is bounded by Sibuyan and Visayan seas with abundant marine resources. A region is rich not only with natural sources but also in culture and heritage.

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Figure 1.2 Location Map of LGU of Iloilo City

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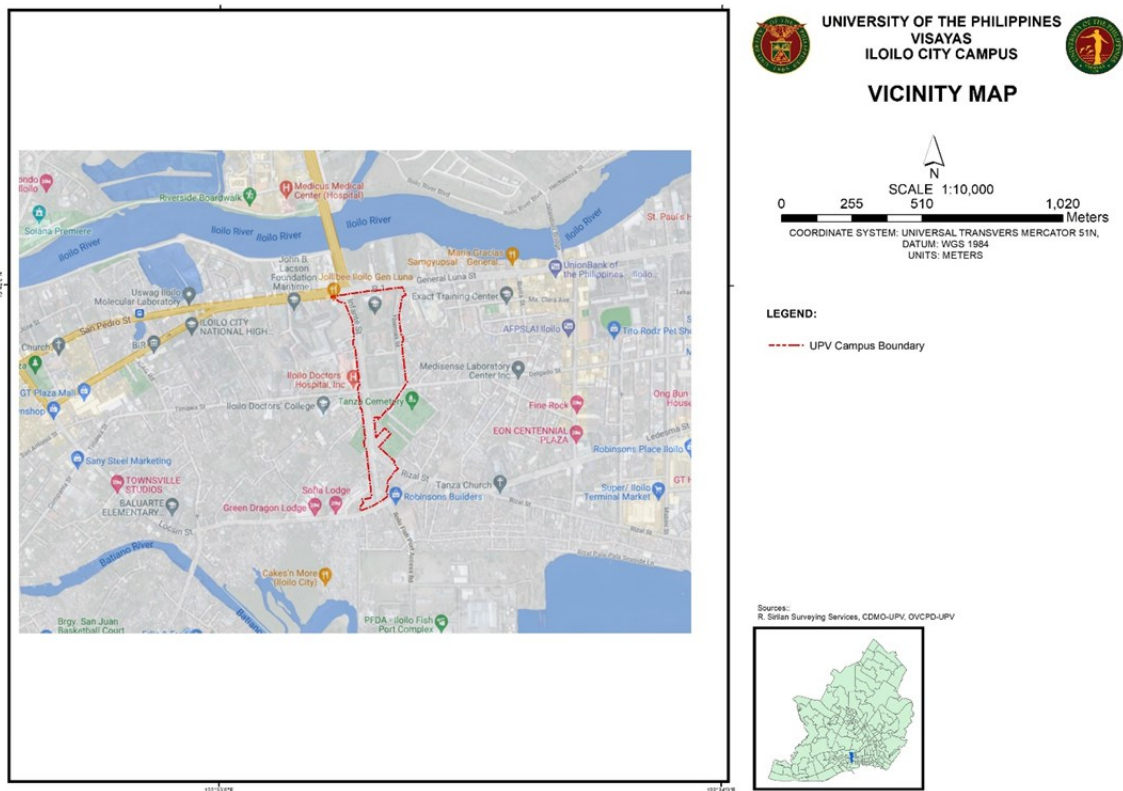


Figure 1.3 Vicinity Map of the UPV Iloilo City campus

The Province of Iloilo occupies the southern and northeastern portions of Panay Island. It is bounded by the Province of Capiz and Jintotolo Channel in the north; Panay Gulf and Iloilo Strait in the south; the Visayan Sea and Guimaras Strait in the east; and the Province of Antique in the West (Province of Iloilo, 2018, p.2).

Metro Iloilo is composed of Iloilo City and the municipalities of Pavia, Oton, Leganes, and Sta. Barbara, Caba-tuan, and San Miguel. Iloilo city serves as the regional capital of Western Visayas, an international gateway with an international airport in Sta. Barbara – Cabatuan and seaport in Iloilo City. It is a host to tertiary educa-tion and health institutions, ICT-BPM companies, a tourism hub, and a center for meetings, incentives, confer-encing, and exhibitions (MICE) (NEDA, 2017-2022).

Iloilo City is a highly urbanized area that is composed of six political districts. Jaro is the biggest district which comprises 39% of the total land area or 2,672.00 hectares. The City Proper is the smallest district which has a total land area of 413.50 hectares and constitutes only six percent of the entire Iloilo City. As of November 2007, the land distribution in Iloilo City in terms of district land areas has updated of 7,834 hectares based on the approved base map as evaluated by the DENR Land Management Bureau (LMB), Manila. However, the area of land distributed by the district is not yet available at present (CLUP Iloilo City, 2021, p.11).

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Iloilo City campus, being the site of the Old City Hall in the City proper District is a community where the building's old and new areas are in harmony. Its development adheres to the city's mission of cultural heritage preservation and its goal to preserve culture and the arts (CLUP Iloilo City, 2021). The numerous art deco buildings preserved in the central business district and guided by the Iloilo City Heritage Ordinance embody the high regard for heritage preservation. According to the USAID report (2013), the port city of Iloilo is the commercial, cultural and intellectual hub of the island.

The City will remain as the residential, commercial, financial, governance, and educational hub not only for Guimaras Island and the six "satellite" municipalities but also for the entire Western Visayas (Iloilo City CLUP, 2021, p 42). It shall also continue its functional roles as follows:

- seat of regional governance
- financial capital of the region
- commercial, trading, and industrial hub
- center of education
- logistics hub
- capital of the Metro Iloilo-Guimaras Region (Iloilo City CLUP, 2021, p 33).

The roles that Iloilo City plays in the region place the faculty, students, researchers, and its graduates at a competitive advantage for educational, research, and employment opportunities.

Transportation and Connectivity in Iloilo City

As the regional center, Iloilo City can be accessed by land, sea, and air travel as seen in the Transport Corridors and Terminal hub of Iloilo City map. The neighboring municipalities and provinces can be reached by land through the five (5) radial roads, namely Iloilo-Antique (R-1) Road, Mandurriao-San Miguel-Alimodian-Maasin-Cabatuan (R-2) Road, Sen. Benigno S. Aquino, Jr. Avenue (R-3), Iloilo-Capiz (New Route) (R-4) Road and Iloilo City-Leganes-Dumangas Coastal (R-5) Road.

There are also bus and van terminals located within the boundaries of the cities that serve those routes. Traveling within the city is possible through Public Utility Jeepneys (PUJ), taxis, cars, tricycles, trisikads, bicycles, and pedestrian access.

By sea, travelers to and from Iloilo City to cities like Manila and Cebu can pass through the Fort San Pedro port while those plying the Iloilo – Bacolod route use the Iloilo Fast craft and RORO terminal in Lapuz, Iloilo City. There are also ferry terminals that serve passengers going to and from Guimaras Island located at Parola Port and Ortiz streets.

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By air travel, there are regular flights by major airlines to and from key cities like Manila, Cebu City, and Davao via Iloilo International Airport located at the Municipality of Cabatuan approximately 19 kilometers northwest of the city (NWRB, 2013). The Iloilo International Airport also caters to international flights from two (2) Southeast Asian countries, Hong Kong and Singapore. The UPV Iloilo City campus is accessible to land, air, and sea modes of transportation.

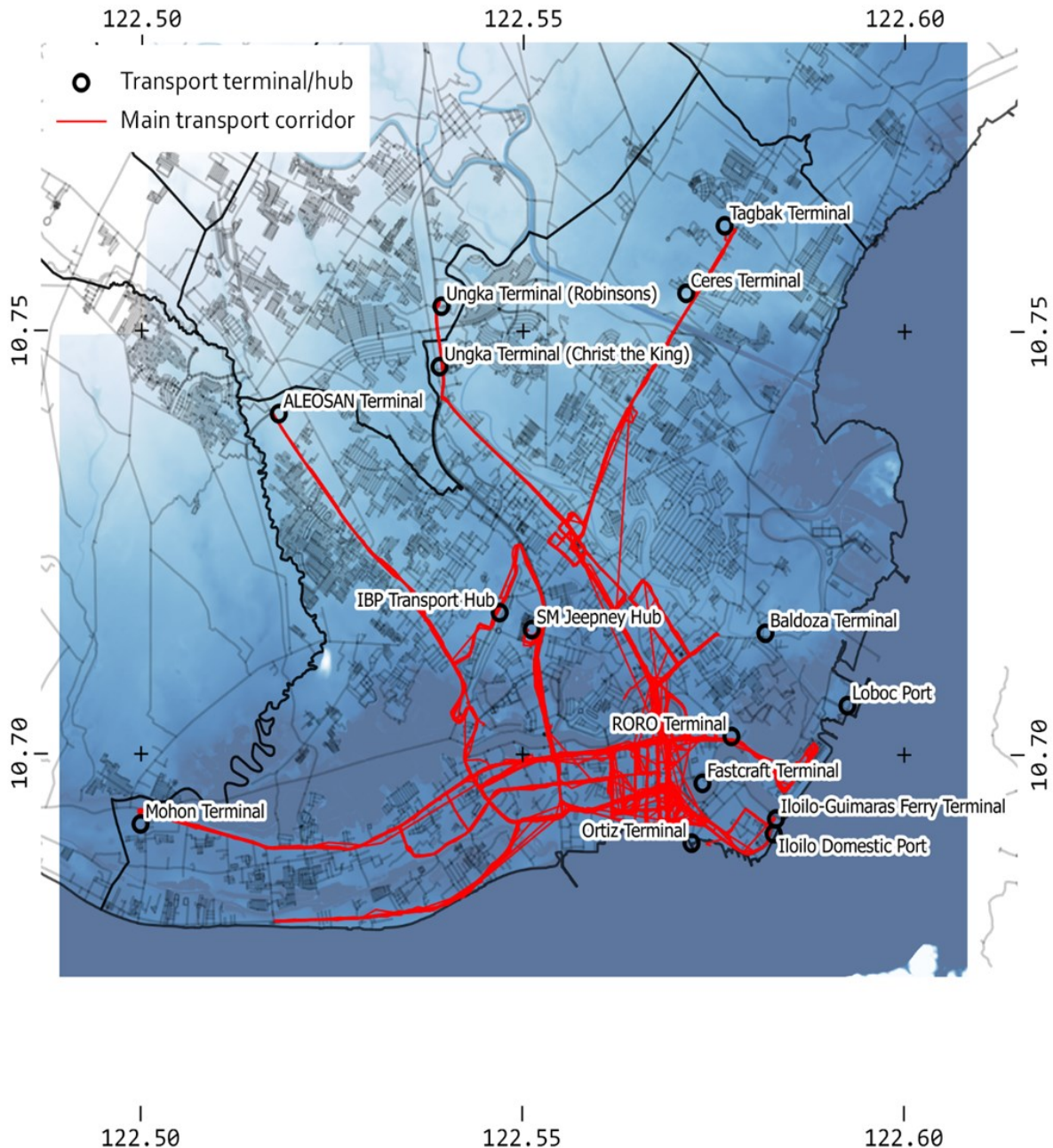


Figure 1.4 Transport Corridors and Hubs of LGU Iloilo City shows the transportation terminal on the boundaries between the city and the province and major roads connecting the districts of the city to the CBD.

Source: Iloilo City Local Public Transport Route Planning Council (2020). Iloilo City Public Transportation Route Plan

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Physical Characteristics

The city is relatively flat with 90% of the land area's elevation of 2.64 meters above sea level and 10% elevation of 5.19 meters above sea level. It has a slope of between 0-3 percent which means level to nearly level areas. The variety of soil types in the city is hydrosol, sand beach, Sta. Rita clay, and Sandy loam.

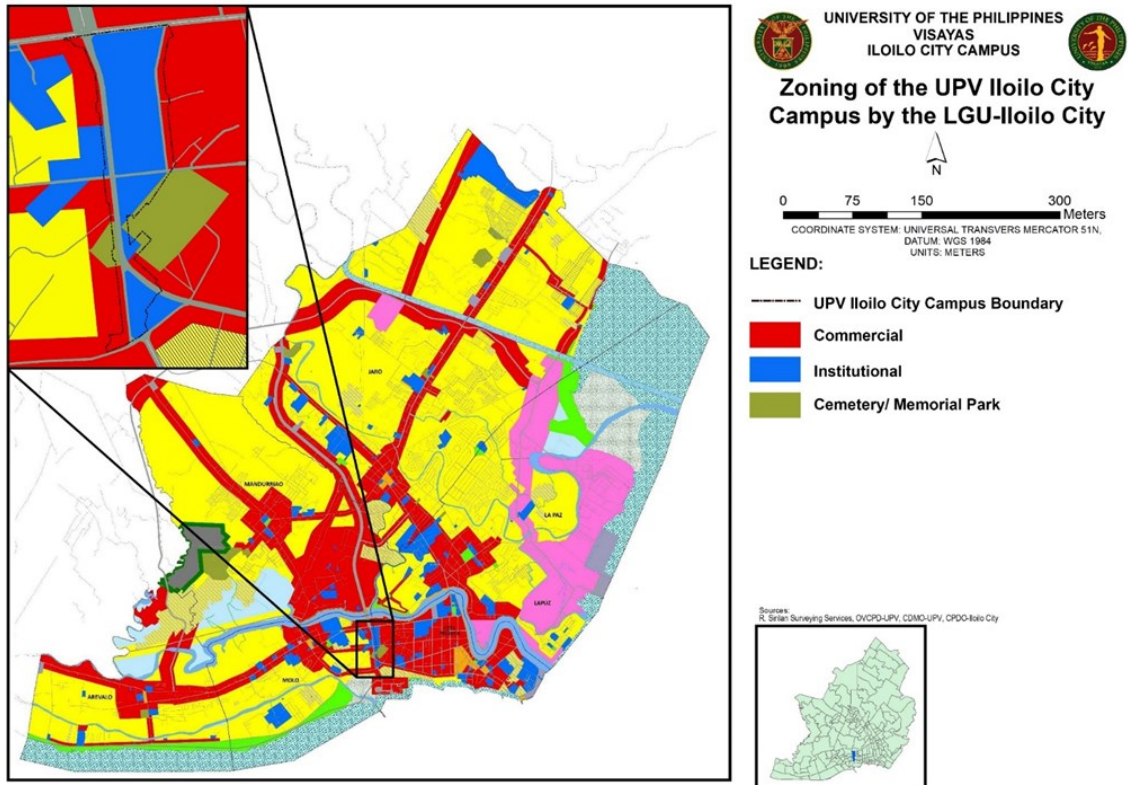


Figure 1.5 Zoning of the UPV Iloilo City Campus Properties by the LGU-Iloilo City.

Watershed Profile

Iloilo City is part of the Tigum – Aganan Watershed and the primary source of water for its residents. Its deteriorating state caused by pollution, riverbank erosion, and urban migration has compromised the lives and livelihood of the people within the watershed. The water quality is poor and the groundwater faces salt-water intrusion (USAID, 2013).

The Tigum—Aganan Watershed's natural topography ranges from mountainous areas to flood and coastal plains, covering a total area of 434 square kilometers.

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Land use is generally described as mountain environment or upland forest for the municipalities of Maasin, Alimodian, and Leon; lowland area for Cabatuan, Santa Barbara, San Miguel, Pavia, and Oton; and coastal/ sea environment for Iloilo City and Oton. (Salas, Tigum Aganan Watershed Case Study, no year) Its two major rivers are the Tigum and Aganan Rivers, which combine as the Jaro River before draining into the ocean. The Tigum River is the primary source for 73% of the total water supplied by the Metro Iloilo Water District (MIWD) to its franchise area; while the Aganan River is the major source of irrigation water supplied by the National Irrigation Administration to farmers in the TAW (USAID, 2013).

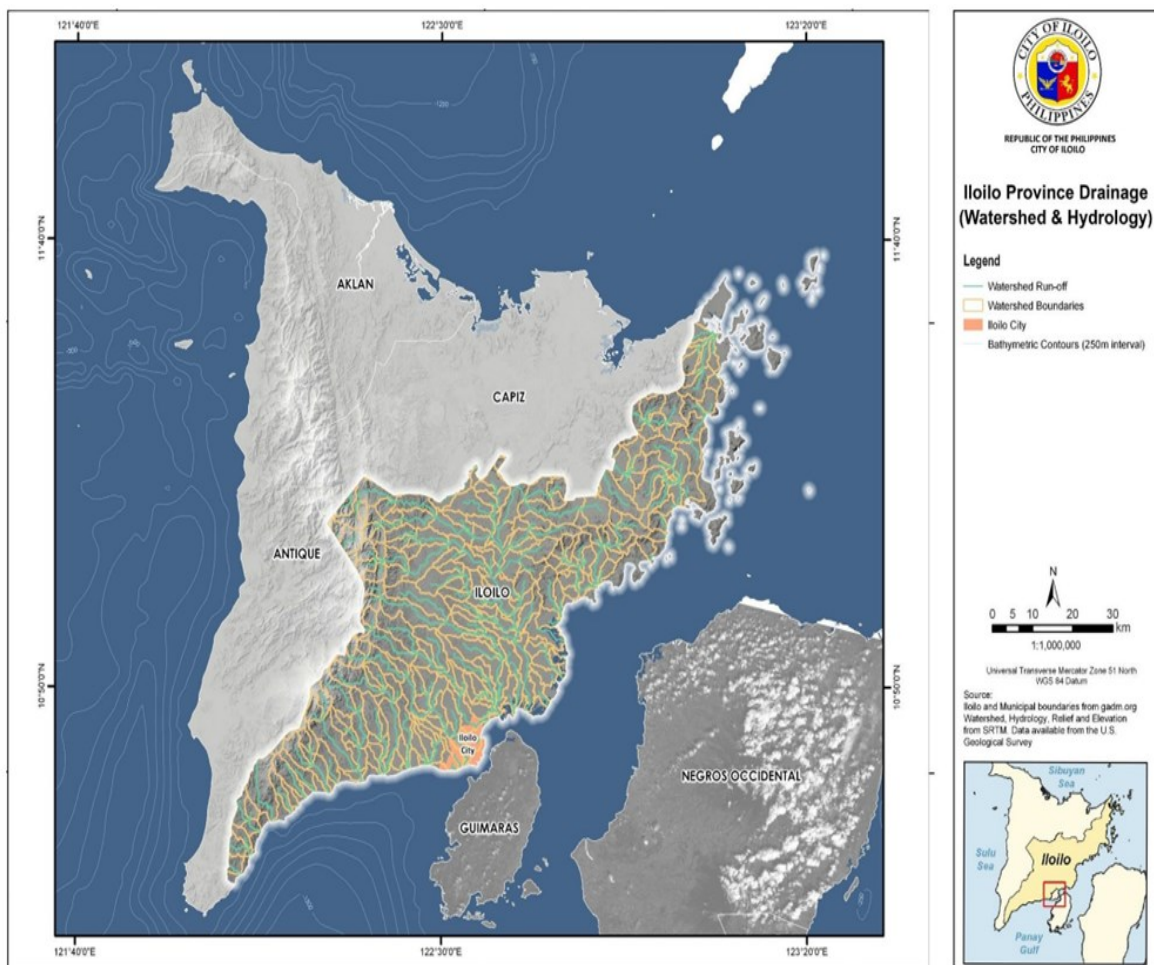
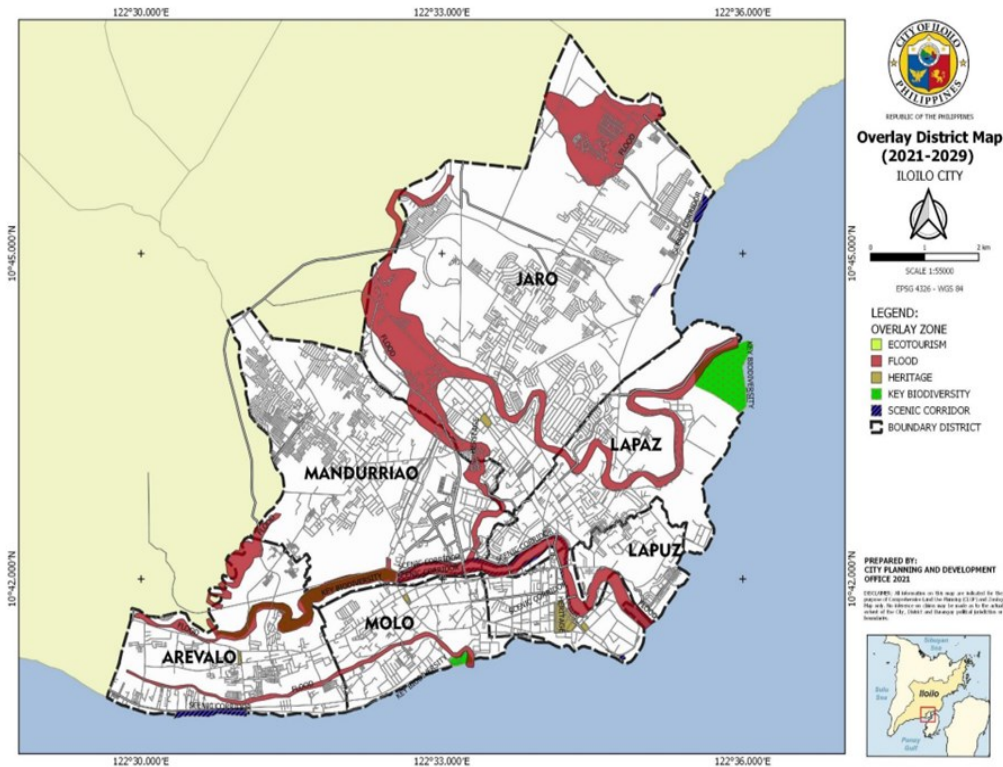


Figure 1.6 Watershed Map of Iloilo City LGU showing the watershed boundaries and its run-off (Iloilo City CLUP 2021, p. 6)

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Built Heritage

The areas with brown colors in the figure below show the sites of cultural importance in Iloilo City. Most of these structures have been preserved, conserved, and are accessible for education enrichment. The Old City Hall in the University of the Philippines Iloilo City Campus is one of these cultural landmarks.



City Planning and Development Office

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Figure 1.7 Heritage Overlay of LGU Iloilo City (Iloilo City CLUP, 2011-2030)

Vulnerabilities and Risks

Vulnerability, as defined by United Nations, is brought about by factors such as environmental, physical, social, and economic that contribute to the susceptibility of an individual, community, assets, or systems during the impact of hazards². Risk, on the other hand, is the probability of harm that could result damaged to lives, property, livelihood, or the environment (UNDP, 2010).

²<http://www.un-spider.org>

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According to the Community Based Adaptation and Resilience Against Disasters (CBARAD II) Project report, Iloilo City is vulnerable to two kinds of hazards - natural and human-induced which have great impacts on its populace and its urban environment. Its typically flat area made it susceptible to flooding for several years already. It also enumerated the natural hazards that affect Iloilo City which are typhoons, storm surges, floods, earthquakes, tsunamis, liquefaction, and sea level rise. Some of the human-induced hazards on the other hand are a salt-water intrusion, contamination of groundwater, and fire.

Iloilo City has a relatively low elevation of 2.64 meters above sea level situated along the coast. Moreover, Iloilo City has been identified as an alluvial fan. Highly dense populations are located within the coastal areas and along the Iloilo River, making these communities highly susceptible to flooding and storm surges (Manila Observatory CDRA Report).

Further, an integrated vulnerability analysis was done by combining the social vulnerability index with specific hazards, particularly flooding, drought, storm surge, and public health emergency or pandemics (e.g. COVID-19). The city planning office identified the barangays/areas prone to these four hazards based on exposure data. Putting these together with the social vulnerability analysis, the overall vulnerability of each barangay was analyzed.

In 2020, among the four hazards, the pandemic brought about by the virus causing COVID-19 and flooding threatened the largest portion of the Iloilo city population. At the same, the barangays prone to flooding and COVID-19 also have the highest number of vulnerable populations, specifically females, old dependents, and persons with disability compared to the other barangays. For flooding, this implies that in areas where the hazard is highly likely to occur, there is a relatively higher number of people who will have difficulty evacuating on their own. Thus, the risk of injuries or even death is higher for these barangays during extreme flooding events compared with other barangays.

The table below shows the areas that are most at-risk of the four hazards in 2020. It should be emphasized that for COVID-19, the areas identified here in 2020 may not be the same at other times. The barangays within or adjacent to the UPV campus are not included in the identified barangays.

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Table 1.5 Most at-risk barangays in Iloilo City, considering Hazard - Exposure – Vulnerability in the year 2020.

Hazard	Top 5 at-risk Barangays
Flooding	San Isidro, Tabuc Suba Jaro, Dungon A, Calubihan, Dungon B
Drought	Tacas, Lanit, Navais, Sooc, Hinactacan
Storm Surge	San Juan, Calumpang, Calaparan, Sto. Nino Norte, Sto. Nino Sur
COVID-19	San Juan, Rizal Pala Pala 2, Tanza Baybay, Bo. Obrero, Benedicto Pale

Source: National Resilience Council, 2020

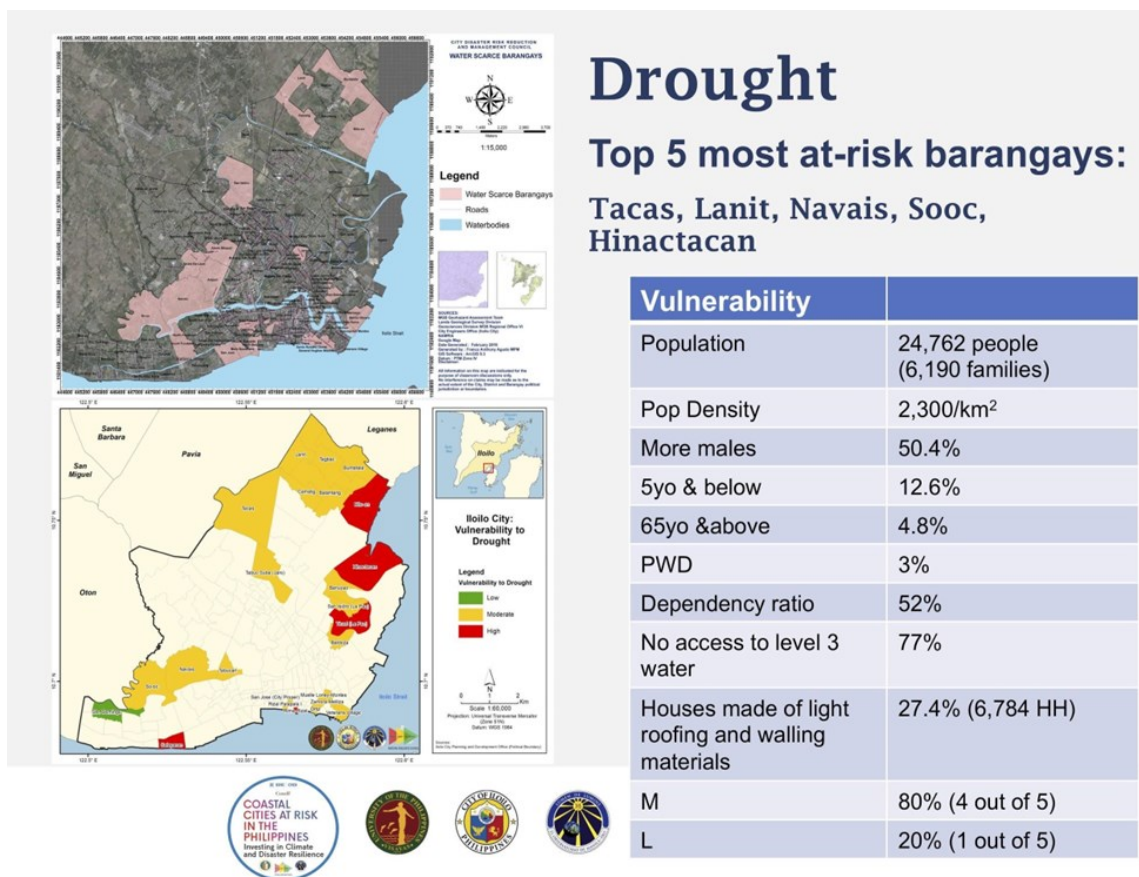


Figure 1.8 Top 5 barangays most at-risk of drought in Iloilo City in 2020 (Source: NRC, 2020)

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The barangays most at-risk of drought are Tacas, Lanit, and Sooc found in the districts of Jaro and Mandurriao. The Tigum – Aganan Watershed is the source of water, including domestic use for Iloilo City residents. Prolonged drought affects the water level in the Tigum River. Thus, many households in Iloilo City rely on ground-water wells for potable water to be used for cooking and drinking.

Iloilo City is moderately susceptible to flood, as per records from the Mines and Geosciences Bureau. This means that the affected areas will likely experience flood heights between 0.5 to 1 meter and a duration of 1 to 3 days. This occurs during prolonged and extensive rainfall in the area. The UPV Iloilo City campus has a moderate susceptibility to flooding based on NRC's records in 2020.

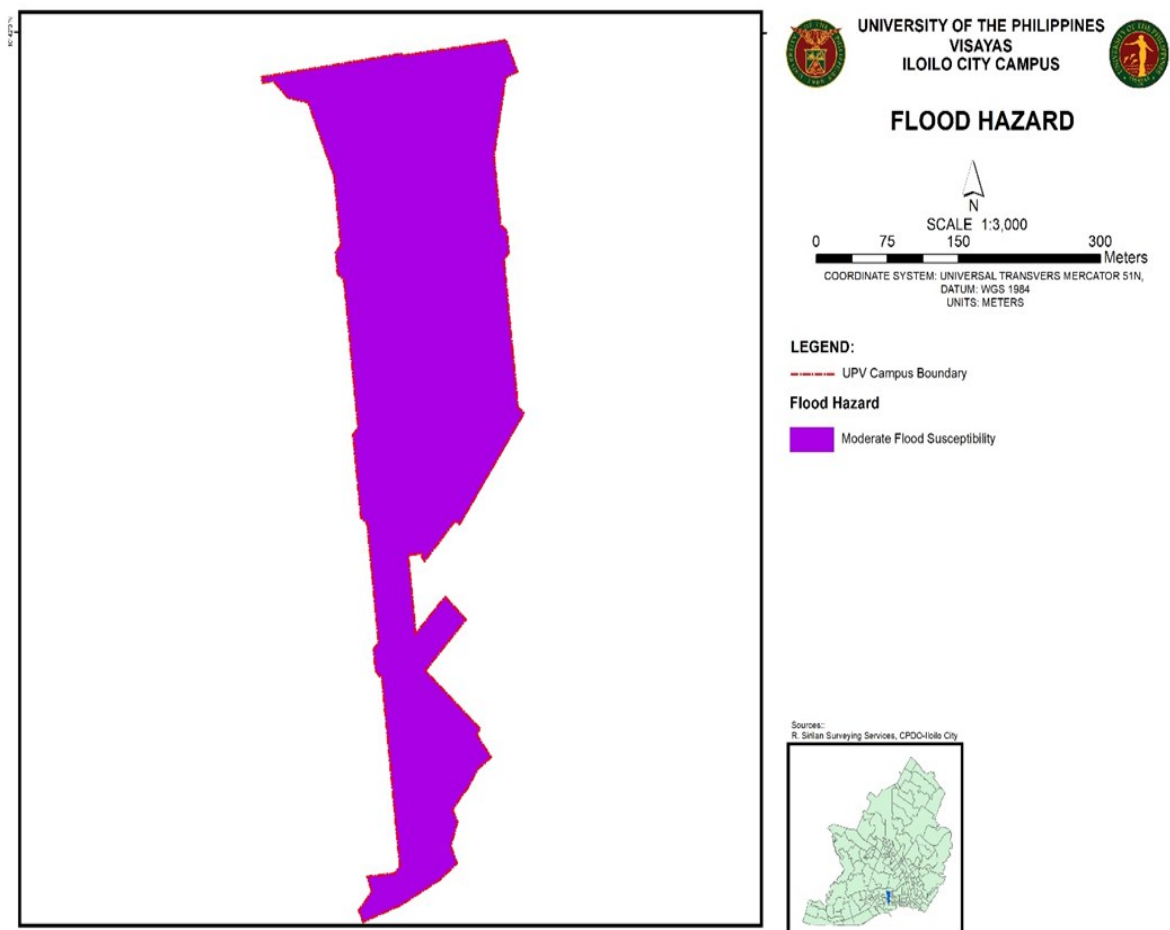


Figure 1.9 Flood Hazard Map of UPV Iloilo City campus

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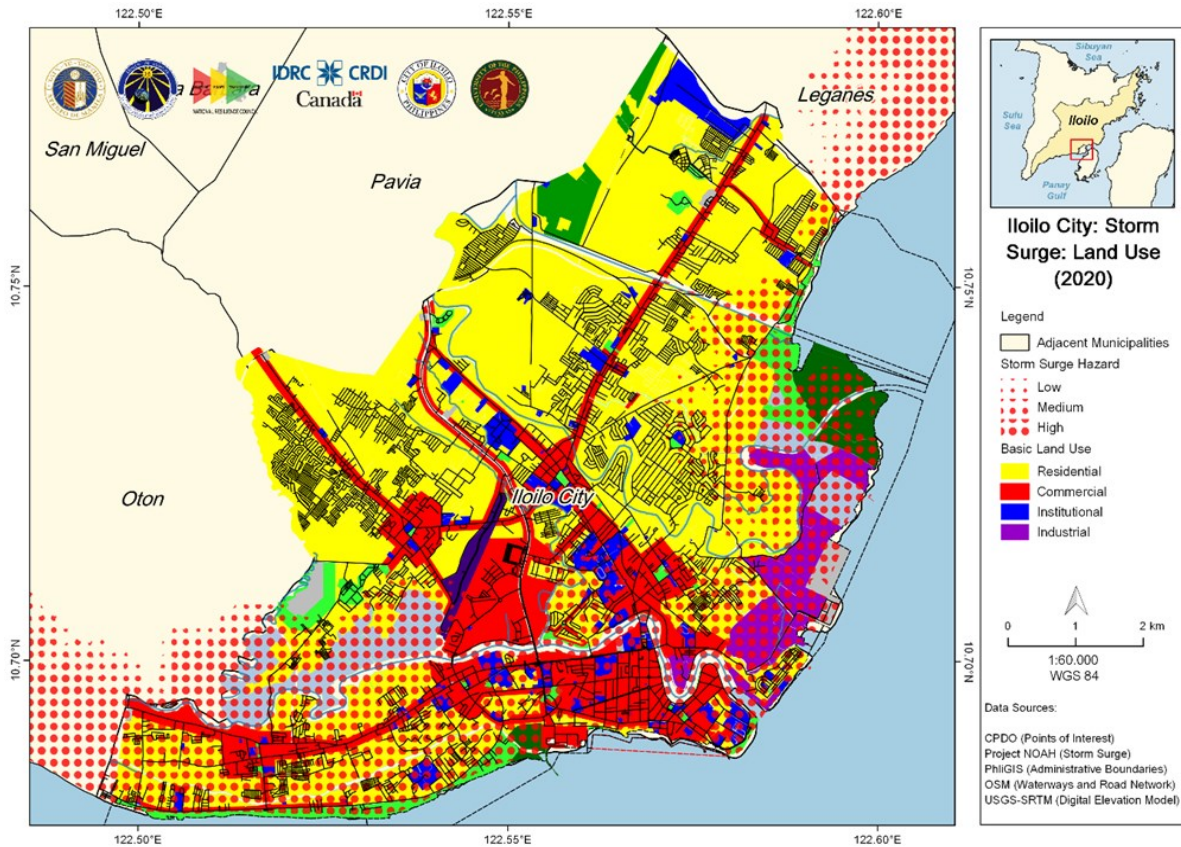


Figure 1.10 Storm Surge Hazard overlay with Land Use of Iloilo City (Source: NRC, 2020)

The UPV Iloilo City campus has high susceptibility to storm surges being proximately located near the coast. With the campus' susceptibility to flooding and storm surges, the university adopts the program and projects of the Iloilo City government under its Community-Based Disaster Risk Reduction and Management approach.

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CHAPTER 2: Existing Conditions of the Iloilo City Campus

2.1 Physical features and environmental conditions

Nearby Airports, Ports, and Terminals

The UP Visayas Iloilo City campus is located near the center of Iloilo City and is highly accessible by land and sea from nearby provinces and municipalities. There are transport terminals around the boundaries of the city for buses, vans, and Public Utility Jeepneys (PUJs). PUJs and taxis ply the routes to and from the UP campus to the transport terminals. The general transportation and connectivity in Iloilo City are discussed in Chapter 1.

When traveling by plane to the nearby Iloilo International Airport, Point-to-Point buses and vans are available in the transport terminal that is located in two (2) commercial establishments within the new Central Business District of Iloilo City in Mandurriao District. Those traveling by sea to the campus can also take the PUJs and taxis from the domestic port and fast craft vehicles at the seaports.

Biophysical environment

The UPV Iloilo City campus is made up of residential and commercial buildings and major city roads most of these structures are occupied by non-UP constituents. But within its academic area of 4 hectares alongside the educational and support facilities are several old trees and vegetation keeping the campus a bit cool on sunny days.

Physical and locational characteristics

The UP property in Iloilo City is located in the City Proper District of Iloilo City and is 10.8663 hectares. The fenced area of 4 hectares containing the current facilities and buildings is bounded by Gen. Luna St, Ybiernas St, Delgado St., and West Avenue (within yellow lines in Figure 2.1). These are major roads that make the property highly visible and accessible. The lots outside the fenced area are within the jurisdiction of the following Barangays Inday, Infante Zone 6, San Felix, Taal, Timawa-Tanza Zone 1, and Timawa- Tanza Zone 2.

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Figure 2.1 Aerial view of the UPV Iloilo City Campus Property occupying areas of different barangays in the city .

Source: UPV-OVCPD, 2021

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Figure 2.2 Aerial view of the UPV Iloilo City Campus from Delgado Street showing the redevelopment of the campus core which includes the Main Building, Oblation, and University Avenue

Source: UPV-OVCPD, 2021.

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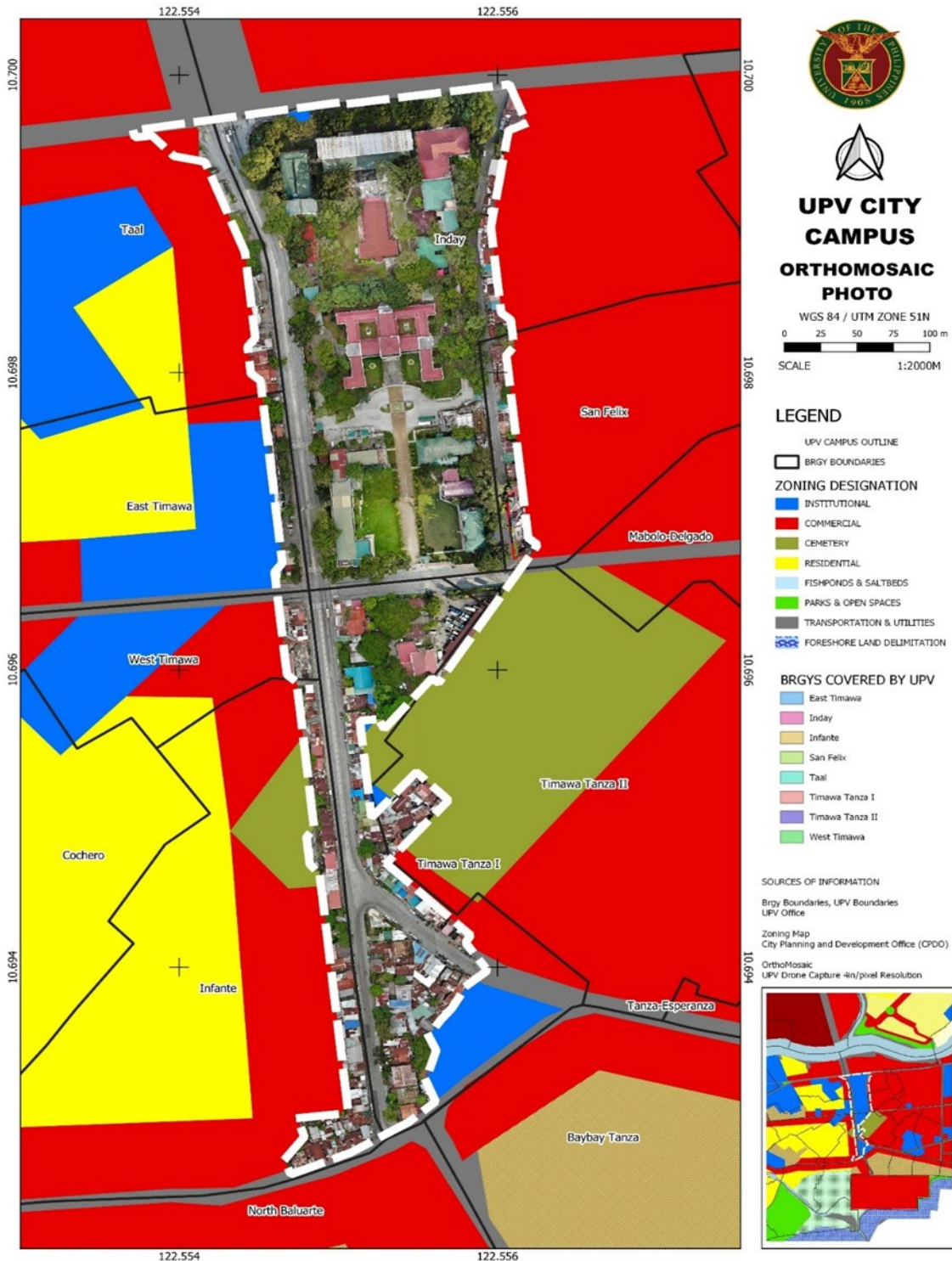


Figure 2.3 Orthomosaic photo of the UPV Iloilo City property showing the zoning and boundaries of the eight barangays within the university property.

Source: UPV-OVCPD, 2021

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Season

Iloilo City has a dry season from December to June and wet season from July to November along the southern-northern part of the province and a portion of the central part. The annual rainfall for 2017 is 2,197.9 mm. The minimum temperature is 24.6 °C and the maximum temperature is 30.6 °C for year 2017 (Iloilo Provincial Profile, 2018).

Topography

The land area is relatively flat with a slope ranging from 0 - 3%, like most areas in the city. The average elevation is 2.64 meters above sea level, which makes certain portions of the Iloilo City campus prone to flooding.

Potential natural catastrophes

The campus core and the academic area are vulnerable to a variety of natural hazards (University of the Philippines Visayas Iloilo City Natural Hazards for Climate Change Adjusted Disaster Management report). These areas are affected by low, medium, and high hazards. The table below shows the results of the different hazards within the 40,000 square meters of campus core and academic area.

Table 2.1 Summary of natural hazards assessment in the UP Visayas Iloilo City Campus.

Hazard	Results of Assessment
Flooding	A total of 6.4% of the land area is exposed to flooding for the RCP 4.5 2049 5-year scenario. The area affected will increase by 93% for the year 2079 100-year RRP scenario.
Liquefaction	The whole land area is 100% exposed to liquefaction. The majority it is or 75.4% is exposed to a medium probability of liquefaction. All of its buildings are fully exposed to liquefaction.
Severe wind	Based on PAGASA's severe wind hazard maps, the trend increases from 20 to 500 years period with severe winds of 88.1 – 117 kph, and all of the buildings are fully exposed. This makes the heritage structure vulnerable.
Tsunami	No impact was observed on the campus of the tsunami hazard. The overlay analysis showed that the campus boundary did not intersect with the hazard zones.
Storm Surge	The campus is not susceptible to storm surges based on the overlay analysis. The campus boundary did not intersect any of the hazardous zones for storm surge.

Source: University of the Philippines Visayas Iloilo City Natural Hazards for Climate Change Adjusted Disaster Management Report.

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Human-Induced Hazard

The city campus within the 40,000 sq. meters area has built structures with no fire safety installations. A few buildings do not have sprinklers, fire extinguishers, fire doors, fire action notices, and escape signage. A small fire truck cannot pass through the existing pathways. Fire is the city campus' human-induced hazard.

Sensory

The Iloilo City campus' location along major thoroughfares make the campus vulnerable to noise and to air pollution from passing vehicles, especially to buildings located beside these roads. The trees on the campus, however, help reduce the noise and air pollution coming from the vehicles outside the fenced area.

Land classification

The 10.8663-hectare property, as indicated in the Deed of Donation, in the Iloilo City campus is classified as alienable and disposable land. These are also prime lots located in the commercial area of the city. Walking distance from the campus are hospitals, hotels, and other higher educational institutions.

2.2 Population Projection

The city campus has one dormitory for students, faculty, staff, and visitors. The table below shows the sex-segregated data of the users of Balay Ilonggo from 2011 to 2022. During the height of very strict health restrictions (AY 2020 to 2021), the dorm was closed to users and has just opened for first semester of AY 2021-2022.

Table 2.2 Number of Admitted Dormers in Balay Ilonggo from AY 2011-2012 to AY 2022-2023

Academic Year	Balay Ilonggo			
	1st Semester		2nd Semester	
	F	M	F	M
AY 2011-2012	45	21	46	23
AY 2012-2013	29	37	28	37
AY 2013-2014	57	25	51	23
AY 2014-2015	59	25	59	25
AY 2015-2016	56	26	55	25
AY 2016-2017	55	22	54	21
AY 2017-2018	56	21	57	20
AY 2018-2019	53	28	49	26
AY 2019-2020	49	26	57	23
AY 2020-2021	N/A	N/A	N/A	N/A
AY 2021-2022	N/A	N/A	N/A	N/A
AY 2022-2023	27	12	-	-

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The table below shows the actual and forecasted populations of faculty, REPS and administrative staff of the Iloilo City Campus from AY 2011-2012 to AY 2030-2031. The projections for the number of faculty members are based on the average growth rate of 2.62% and 3.46% for male and female, respectively, in the past 4 academic years. For the REPS and administrative personnel, forecasts were based on a conservative estimate of 2.83% and 3.30% growth rates for male and female for the past 4 years.

Table 2.3 General Population (AY 2011-2012 to AY 2020-2021 Faculty, REPS, Staff, and Student Populations in UPV Iloilo City Campus

Academic Year	Faculty Members			REPS and Admins		
	Male	Female	Total	Male	Female	Total
AY 2011-2012	19	36	55	32	49	81
AY 2012-2013	21	37	58	28	52	80
AY 2013-2014	20	38	58	23	52	75
AY 2014-2015	21	40	61	22	50	72
AY 2015-2016	22	41	63	24	51	75
AY 2016-2017	28	34	62	22	47	69
AY 2017-2018	28	34	62	18	44	62
AY 2018-2019	30	42	72	24	47	71
AY 2019-2020	30	41	71	25	47	72
AY 2020-2021	31	38	69	23	53	76
Forecasts						
AY 2021-2022	32	39	71	24	55	79
AY 2022-2023	33	40	73	25	57	82
AY 2023-2024	34	41	75	26	59	85
AY 2024-2025	35	42	77	27	61	88
AY 2025-2026	36	43	79	28	63	91
AY 2026-2027	37	44	81	29	65	94
AY 2027-2028	38	46	84	30	67	97
AY 2028-2029	39	48	87	31	69	100
AY 2029-2030	40	50	90	32	71	103
AY 2030-2031	41	52	93	33	73	106

Sources: Data for Actual-Students (AY 2011-2012 to AY 2020-2021) from CRS (2021), for Actual Faculty and REPS and Admins (AY 2011-2012 to AY 2020-2021) from HRDO (2021)

Based on the population project and the transfer of the College of Management in UPV Miagao in AY 2022-2023, there will be no additional academic buildings to be constructed on the Iloilo City campus. Moreover, there will be no additional residential dormitory buildings for the next 10 years. There are many housing accommodations adjacent to the Iloilo City campus and around Iloilo City. These housing accommodations have competitive prices and offer varied types of services and 'design' (ex. condo type, apartment-type, boarding house-type) in response to the preferences of students, faculty, and REPS and administrative staff. Iloilo City has been the educational center of Western Visayas and has established a housing accommodation system for educational institutions.

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2.3 Inventory of Landholdings

Iloilo City campus was acquired thru a Deed of Donation executed in December 1948 by the Iloilo City Government represented by Mayor Vicente Ybiernas as the donee. The Deed of Donation shows that the total land area is 10.8663 hectares. The donation consisted of forty-one (41) lots and one (1) building. Based on the records of the Registry of Deeds (ROD), of the 41 donated lots, 29 lots are titled and 12 lots are untitled. Some lots are titled to the City Government of Iloilo and some to other private individuals. There are also parcels of lots that have tax declarations by private individuals.

The table below shows the description of lots in Iloilo City campus. Of the estimated 10 hectares donated to UP, around 6 hectares are outside the fenced area. Of urgent concern are the 195 households/structures that were tagged by UPV, HUDCC, and the Iloilo City government thru a tripartite agreements. However, the enumeration process was not finished and the list of UPV and non-UPV personnel that occupy the areas was not validated. A new enumeration is necessary to update the official records of the university.

Table 2.4 Description of Iloilo City Campus Property

CHARACTERISTICS	DESCRIPTION
Total Area (in hectares)	10.8663 hectares based of the Deed of Donation
Total No. of Lots	41 donated lots
Size of Parcels	Area of lot parcel ranges from 13 sq. meters to 6,764 sq. meters
Shape of Parcels	Rectangular, five-sides, and square shaped
Ownership Status	17 lots titled to UP, 3 lots titled to City Govt., 21 lots untitled (based on the available documents in UPV: most lots are covered also by tax declarations issued by the Provincial Assessor's Office
No. of Barangays Covered	8 barangays
Relocation Sites	None
Number of Occupants	More or less 195 households/ structures outside the fenced area were tagged in 2008 conducted by UPV and government institutions.

Current Land Uses in the Iloilo City Campus

The UP Visayas Iloilo City is in a relatively flat built-up area within the Iloilo City proper district and is one of the busiest districts in Iloilo City. At present, the campus core, academic zone, and support facilities are located within the fenced area. The remaining 60,000+ sq. meter-property outside the fenced area are used by UPV constituents, non-UPV constituents, and by the local government for residential, commercial, and institutional purposes. Refer to the table and map for details of the land use classification and its land allocation. The actual land-use area is 99,658.286 sq.m. as of December 2021. The 1948 Deed of Donation shows a total land area of 10.8663 hectares.

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Table 2.5 Area of Actual Land Use for UPV Iloilo City Campus

LAND USE CLASSIFICATION		ACTUAL AREA (SQ.M.)
A	Campus Core	6,641.328
B	ACAD 1	8,243.703
	ACAD 2	7,176.755
C	R-2	11,855.809
D	COMM-1	14,185.595
	COMM-2	5,754.021
E	Programmed Open Spaces	12,989.521
F	Road-Fenced Area	5,934.681
G	Road - Outside Fenced Area	26,716.785
H	Cemetery	160.088
	TOTAL	99,658.286

Source: OVCPD as of December 2021

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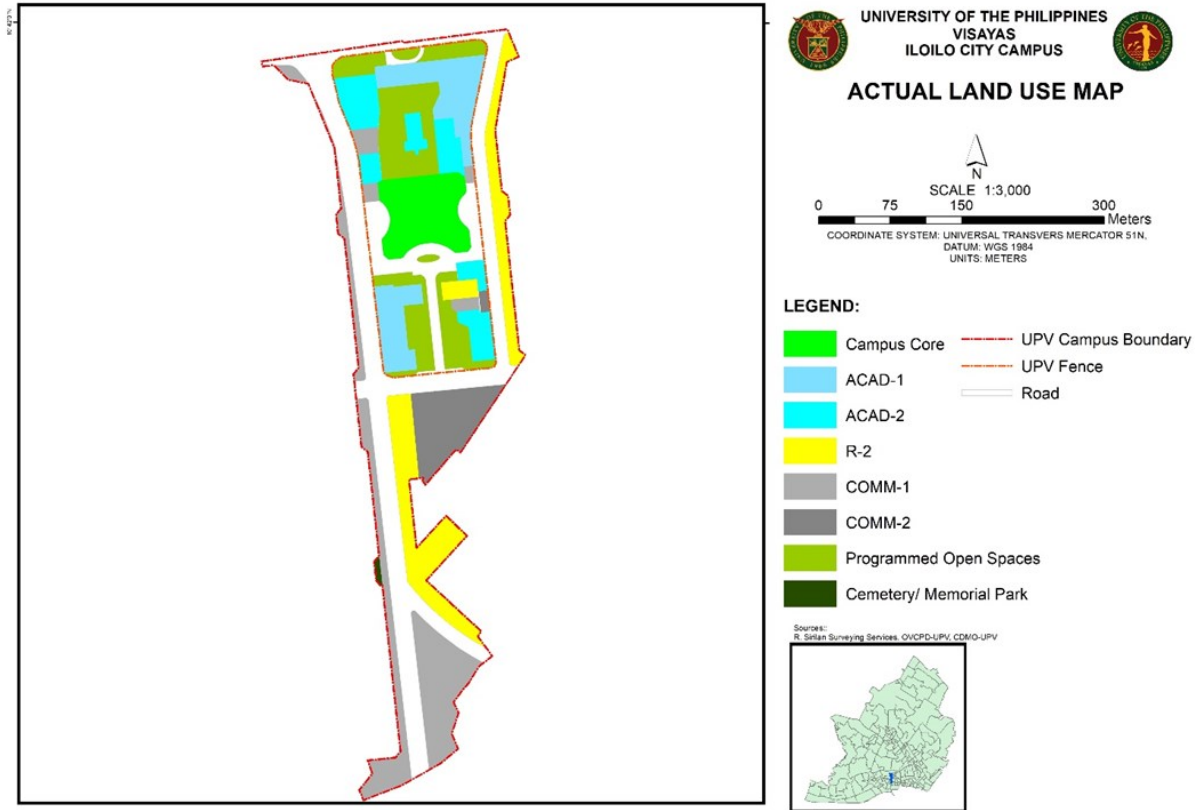


Figure 2.4 Existing Land Use in Iloilo City Campus (as of July 2022)

Campus Core

The campus core is the unifying element found in every UP campus. It is a cluster of heritage structures and significant elements are preserved and essential reference for future development. The Iloilo City campus core consists of the Old City Hall, the UP oblation, and the university avenue.

Academic Zone

This refers to clusters of buildings or areas where academic teaching and research activities are conducted. These include the High School Pre-Fab building, Old High School Building, Multi-Purpose Building, New High School Building, Graduate and Continuing Education Building (GCEB), the Chemistry Building, Hofileña Building, Public Administration Rooms, and the College of Management Building.

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Academic Support Zone

This is composed of research and extension services managed by different disciplines to enhance the networking functions of the colleges. Part of the academic zone are the Sentro ng Wikang Filipino, the UPV Auditorium, UPV Cinematheque, the Office of Student Affairs, the UPV Little Theatre, and the Gender and Development Building.

Residential Zones

This is an area on campus that is intended for residential needs and related activities of students, faculty and staff. Balay Ilonggo is the residence hall for students (RES-2). Along Ybiernas streets are structures that are also used for residential purposes with mixed uses. The users are mostly non-university constituents.

Community Services Zone

COMM 1

This is an area for facilities that support the communal needs of the students, faculty staff and their immediate families. This includes the All-UP Workers Alliance Building, UPV Consumers Cooperative Store, the Students Lounge, and Cafeteria. Also, along Infante streets, in front of the fast-food chains and a hospital.

COMM 2

This refers to community services that provide maintenance and security to the facilities of the university. These services are the CDMO Workshop, Pump House, Powerhouse I, Transformer Pad and Powerhouse II. The area across Delgado Street is being utilized as a motor pool of the Iloilo City.

Programmed Open Spaces

This refers to green open spaces within the campus for active and passive activities such as sports, gathering, studying and meditations. The basketball court and the volleyball court perform such functions.

2.4 Facilities and Structures

As of September 2021, there are 26 building, facilities and structures inside the UP Visayas Iloilo City campus. The Old City Hall underwent restoration under NHCP and the Little Theatre has undergone remodeling. The Old High School Building (currently occupied by the Health Services Unit) and the Woman's Club (currently used by the Office of Student Affairs) will be undergoing adaptive reuse in adherence to the campus' character of keeping old and new in harmony. The UP High School in Iloilo has a newly constructed building (Senior High School Building) while there the Administration Services building is about to be completed as of this writing. The tables below reflect the list of infrastructures and facilities and their uses and descriptions of each to include their estimated age and current condition.

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Table 2.6 Facilities in UP Iloilo City Campus

UP GUIDELINES LAND USE CLASSIFICATION	LIST OF ACTUAL FACILITIES	Area (sq. mtrs.)	YEAR BUILT
Campus Core			
	1. UPV Main Building	6,641.328	1947-1948
Academic/Academic Support			
Acad-1	6. Techno Park	8,243.703	
	7. College of Management Building		2017
	22. Chemistry Building		1961
	23. Graduate Continuing Education Building		2000 - 2005
	25. UP High School Iloilo New Building		2010
	26. UPHSI SHS Building		2020
	27. Pump House		
	37. Power House II		
Acad-2	4. Admin. Services Building	7,176.755	
	10. UPV Cinematheque (Cinema Exmundo)		2010
	11. Gender Development Program Building		2007
	18. Sentro ng Wika Building		2015
	19. Hofileña Building		1959-1960
	21. Auditorium		1971-1972
	28. The Woman's Club Building		1952
	29. Old High School Building		1953
	30. Student Lounge		2013
	32. Little Theater		1950
36. Transformer Pad	2020		

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UP GUIDELINES LAND USE CLASSIFICATION	LIST OF ACTUAL FACILITIES	Area (sq. mtrs.)	YEAR BUILT
Residential/Mixed-use Zone			
R-2	5. Balay Ilonggo (Residence Hall)	11,855.809	1964-1965
	Along Ybiernas St.		
	Along Infante St. to Rizal St.		
Community Services			
COMM-1	9. All UP Workers Alliance Building	14,185.5951	2012 - 2013
	17.P.A. Classrooms		
	20. University Cafeteria		
	40. UPV CC Building		
	UP Visayas Consumers Cooperative		1960s
	Along Infante St. to Rizal St.		
COMM-2	12.Storage/ Workshop	5,754.0206	1986-1987
	39. CDMO Office		2021
	Outside Fence Area (City Engineer's Motor pool)		
Programmed Open Spaces	2. UP Oblation	12,989.521	2019
	3. CM Lounge		2019
	8.Open Field		
	14. Delgado St. Gate and Guard House		2019
	24. General Luna St. Gate and Guard House		
	33. Basketball Court		
	35. Power House		2001
	38.Parking		
42. Volleyball Court	2019		

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UP GUIDELINES LAND USE CLASSIFICATION	LIST OF ACTUAL FACILITIES	Area (sq. mtrs.)	YEAR BUILT
Institutional			
Road-Fenced Area	13. Avenue	5,934.681	2019
	15. Infante St. Gate and Guard House		2019
	16. Ybiernas St. Gate and Guard House		2019
	17. Parking Area		2019
	24. General Luna St. Gate and Guard House		
	34. Landbank ATM		2021
	38. Parking Space		
	41. SSF Building		
Road - Outside Fenced Area	-	26,716.785	-
Cemetery	Along Infante St.	160.088	-

Sources: CDMO, OVCPD (July 2022)

Table 2.7 Assessment of Buildings and Utilities in UP Iloilo City Campus

Seq.	Campus Site	Building Name	Use	Footprints (sq.m.)	Floor Area (sq.m.)	Footprint/ Floor Area	Age (as of Dec 2022)	Condition Assessment (as of Dec. 2022)
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1	Iloilo	Auditorium	Acad./Admin.	1,040.00	1,149.00	0.91	51	3
2	Iloilo	Cafeteria	Commercial	392.00	392.00	1.00	45	4
3	Iloilo	Chemistry Bldg.	Acad./Admin.	609.00	609.00	1.00	61	4
4	Iloilo	College of Management	Acad./Admin.	1,532.58	2,109.00	0.73	38	4
5	Iloilo	Graduate & Continuing Educ. Building	Acad./Admin.	707.00	3,157.00	0.22	19	3
6	Iloilo	High School Pre-Fab	Acad./Admin.	432.00	432.00	1.00	50	1
7	Iloilo	Humanities Building 1 & II (HB)	Academic	190.00	190.00	1.00	63	2
8	Iloilo	Little Theatre	Academic	831.00	831.00	1.00	4	4
9	Iloilo	Main Building	Acad./Admin.	2,568.00	1,837.00	1.40	75	4
10	Iloilo	Public Admin (PA)	Academic	171.00	171.00	1.00	50	3
11	Iloilo	Old High School Bldg.	Admin./Service	286.00	286.00	1.00	70	1
12	Iloilo	The Woman's Club Bldg. (Office of Student Affairs)	Admin./Service	142.00	142.00	1.00	69	1

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13	Iloilo	Residence Hall/ Balay Ilonggo	Dormitory	404.90	803.00	0.50	36	4
14	Iloilo	UPV Cinematheque	Theater/Gallery	240.00	150.39	1.60	13	4
15	Iloilo	UPV High School Building	Acad./Admin.	999.00	1,933.24	0.52	13	4
16	Iloilo	UPV Senior High School Building	Acad./Admin.	443.34	1,330.01	0.33	2	4
17	Iloilo	UPV High School Multipurpose Building	Acad./Admin.	323.00	969.00	0.33	2	4
18	Iloilo	CM Powerhouse	Service	29.58	29.58	1.00	11	4
19	Iloilo	Student Center	Student Facility	89.06	89.06	1.00	10	4
20	Iloilo	Multi-Purpose Building (All-UP Workers Alliance Building)	Admin/Multi-Purpose	89.06	178.12	0.50	10	4
21	Iloilo	GCEB/Audi Powerhouse	Service	29.58	29.58	1.00	9	4
22	Iloilo	Balay Wika/ Sentro ng Wikang Filipino	Acad./Admin.	70.20	140.40	0.50	6	4
23	Iloilo	Gender Building	Service	469.70	939.40	0.50	15	4
24	Iloilo	Admin Services Building	Admin./Service	436.28	731.57	0.60	1	4

UPV WATER TREATMENT FACILITY

1	Iloilo City	Sewage Pipes		6	3
2		Manholes		6	3

**Power Infrastructure Component
City Campus**

1	Iloilo City	Diesel Generators		4
2		Distribution Lines		3
3		transformers		3

Notes on Conditional Assessment:

- 5—Brand new condition, no damage or defect, no wear or deterioration, no functional impairment
- 4—Like new condition, minor wear, no damage or defect, no functional impairment
- 3—Minor wear or deterioration, minor damage or defect, minor functional impairment
- 2—Major wear or deterioration, with damage or defects that cause functional impairment that may still be remedied
- 1—Serious functional impairment, obsolescence

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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 2.8 Annual Power Consumption per Building from 2018-2022 (kwh)

Iloilo City Campus						
No.	Buildings & Offices	2018	2019	2020	2021	2022 (as of Sept.)
1	OSA *	681.00	1,182.00	936.50	833.00	516.00
2	HUM. Building	8,640.00	4,287.00	2,559.00	2,244.00	2,068.00
3	SWF	1,498.11	864.97	6,071.85	3,610.00	4,520.00
4	CWVS *	7,412.01	3,056.59	129.48	288.98	178.50
5	C.O.P. Office *	5,232.23	2,401.04	131.13	143.59	171.72
6	Lib. Circulation Section	4,189.20	2,219.99	100.95	371.64	956.05
7	CAS Language Program *	4,942.00	2,835.00	-	-	-
8	SPSO *	5,453.00	5,034.53	1,089.60	1,227.12	1,790.04
9	College of Management	82,260.00	95,300.00	65,060.00	61,901.20	63,665.20
11	GCEP/GPO New Bldg.	92,974.68	82,873.38	11,783.10	8,272.87	10,697.35
12	Auditorium	21,410.00	15,360.00	3,400.00	1,920.00	4,480.00
13	Library (Main Bldg.)*	5,957.98	3,101.61	415.87	1,802.83	2,006.86
14	Art Gallery*	2,280.22	896.71	62.04	913.62	-
15	CDMO*	3,832.10	1,748.41	1,235.24	2,229.19	2,132.70
16	Balay Ilonggo (Dorm)	27,810.48	39,215.70	20,922.44	10,255.84	17,818.60
17	Water Pump*	13,604.42	12,433.44	3,603.15	4,944.83	4,133.37
18	Dental and Medical	9,421.80	5,786.02	314.60	4,303.19	3,490.47
19	CAS Faculty Lounge*	3,676.54	1,898.41	71.53	344.53	270.15
20	High School Bldgs.	90,298.80	104,546.98	39,255.00	32,165.56	32,922.00
21	LT/LT AVR	359.10	440.00	320.00	520.00	320.00

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	Buildings & Offices	2018	2019	2020	2021	2022 (as of Sept.)
22	Chem. Bldg.	968.00	1,786.00	867.00	612.00	312.00
23	Lamp Post/lightings*	11,774.36	8,966.09	1,072.59	4,533.38	2,417.68
24	Gender Building	16,959.00	9,380.00	7,832.00	2,142.00	1,236.45
25	Legal Office *	1,023.72	835.82	153.75	2,043.45	2,068.26
27	Main Bldg Other Offices	-	36.00	12,762.43	17,845.00	28,800.00
28	TBI (CM)	299.40	382.00	63.00	155.00	200.00
29	PA Rooms	-	-	11,468.80	7,360.00	6,040.00
30	losses (x-mer, dist'n, etc)	6,452.96	4,075.53	1,087.55	1,329.66	1,176.64
		29,411.11	410,943.21	192,768.60	174,312.49	194,388.02

Community Shared Spaces

The university has facilities and spaces that can be used by the general public following certain guidelines set by the UPV administration. These facilities and spaces offer a vibrant atmosphere for a variety of activities to include but are not limited to arts and culture events, meetings, research, and health-related activities. These activities are inherently social and community driven and offer a sense of community among the users.

Some of these existing shared spaces are as follows:

- Old City Hall (declared a National Historical Site by NHCP)
- UPV Little theatre
- UPV Auditorium
- Center for West Visayan Studies
- The Art Gallery
- Oblation plaza for concerts
- Graduate Continuing and Education Building Training Rooms

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Information and Communication Technology (ICT)

At present, the city campus has a network bandwidth of 80 Mbps for the Iloilo City Campus due to the cost-cutting policy implemented by the UP system. Nonetheless, it is expected to return to the contracted bandwidth of 144 Mbps for the Iloilo City Campus by the last quarter of 2022. In terms of access points, the city campus has 15 access points in the Iloilo City Campus.

The contracted bandwidth of 16 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.

Table 2.9 Iloilo City Campus Access Points

Building Location	Units
College of Management	5
Balay Ilonggo	2
Library HB1	1
The Woman's Club	1
Old High School	1
High School	1
GCEB	5
Total	16

Source: ICT Report, 2022

Access to and Within the University

The campus can be accessed by vehicles through University Avenue along Delgado Street and the gates at Gen. Luna Street and Infante Streets. Pedestrians can use all gates on all four sides of the fenced area. Most of the facilities and buildings inside the campus are accessible by walking and biking. The pathways, however, are not compliant with provisions in the Accessibility Law, have no proper delineation between pedestrians and cyclists, and are in need of repair.

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Figure 2.5 Actual UPV Iloilo City Road and Circulation Network Map

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Parking areas

Parking spaces are limited inside the Iloilo City campus to a few vehicles as shown in the table below. The survey conducted during the pandemic where personnel only own majority of the vehicles. The designated parking spaces are in front of the College of Management Building, beside the PA rooms, area near the UPV Consumers Cooperative, in front of UPV Auditorium and in front of the UP High School in Iloilo building.

The table that follows shows the results of the observation done on April 18-20, 2022. At the time the observations were conducted, face-to-face classes have not yet resumed and work from home arrangements with personnel are implemented. An increase in the number of vehicles is expected when face-to-face classes and normal office operations resumes. Parking spaces are already a problem in the campus before the start of the pandemic. In addition, the parking areas have no specific designations (no markers for bays) for a variety of vehicles except for the official vehicles of the university. At present, the spaces for parking have been reduced due to on-going construction of a new building and updated traffic guidelines within the campus with only one designated gate for entrance and exit.

A three-day survey of vehicles in a 6-hour observation period (taken in the morning and afternoon) was conducted in April 2022. Included in the private car survey are the vehicles of employees who take the bus of the university to report for work in Miagao campus. The buses leave the city campus at 6:45 AM and comes back at around 6:30 PM from Miagao.

The image below shows the actual parking areas in the city campus indicated in yellow, red, and green colors. Parking for students, staff, and visitors are in yellow colors. Parking for the official vehicles of the university is in green color. Motorcycles are in green color. Bike racks are installed in designated areas on campus.



Figure 2.6 Actual Parking Areas in Iloilo City campus (as of July 2022)

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The results showed that the parking lots designated for visitors and UPV personnel have sufficient space. Private cars and motorcycles have the highest number of parked vehicles. This is because the study was conducted when face-to-face classes is still done thru virtual mode and there is limited transaction for offices on campus. Prior to the pandemic, the parking lots are fully occupied especially between 8:00 AM to 5:00 PM. The current parking spaces do not have delineated parking bays so that only the vehicle count by types of vehicles was performed. There are a few bikes parked on the bike racks although in practice, people find it more convenient to park their bikes near their offices. The results of the study are in the Annexes.

The roads and pathways surface and its conditions were also surveyed. The new roads are made of concrete pavers while the old ones are made of asphalt and concrete. The old path walks are not of the same level making it difficult to walk and unsafe to those who use wheelchairs.

Table 2.10 Roads Surface Type and Conditions in the Iloilo City Campus

Road Name	Road Surface Type	Condition
University Avenue	Concrete Pavers	GOOD
East Road (beside Ybiernas Street)	Asphalt	POOR
West Road	Asphalt	POOR
North Crescent	Concrete	GOOD
Gen. Luna Street	Concrete	GOOD
Ybiernas Street	Concrete	POOR
Delgado Street	Concrete	GOOD
Infante Street	Concrete	GOOD
Rizal Street	Concrete	GOOD

Source: CDMO, December 2021

Table 2.11 Pathways Surface Type and conditions

Path walks	Surface Type	Condition
West Path (Infante Gate – Auditorium)	Concrete	POOR
East Path	Concrete	POOR
North Divide (Coop - SWF)	Concrete	POOR
South Divide (Ybiernas Gate - Infante Gate)	Concrete Pavers	GOOD
GDP Path (GDP Bldg. – Balay Ilonggo)	Concrete Pavers	GOOD
CM Path (CM Bldg. - Main Gate)	Concrete Pavers	GOOD

Source: CDMO, December 2021

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The table below shows the operational definitions provided by the Campus Development and Maintenance Office (CDMO) when they performed a conditional assessment of the buildings in the city campus.

Table 2.12 Operational Definition of Terms of the Building Conditions

CONDITIONS	DEFINITION	
	CLUP Guidebook Vol. 2 Ver. 2.3, page 239	Additional Description from CDMO
GOOD	Well Maintained	Very good condition with minor defects that do not significantly affect the function
POOR	Needs Improvement	Some major defects are recorded but do not significantly affect the function
CRITICAL	Needs Priority Action	Serious damages that affect the function
NONE / NO SUCH FACILITY	No equivalent	No longer functioning or complete failure

Waste Management

Existing Solid Waste Management

Prior to the onset of the pandemic, the solid wastes in the Iloilo City campus are mainly consist of food wastes, plastic, papers, biodegradable food containers, and floor sweepings. The campus has three types of garbage bins for biodegradable, residual, and recyclable wastes for proper and easy segregation at source (CDMO, 2021). Biodegradable materials are brought to the composting area along with organic material that are gathered from trees. Non-biodegradable and residual wastes as well as construction debris are brought to the Material Recovery Facility and are then collected by the Iloilo City local government for final disposal in the facility for solid waste located in Brgy. Calajunan, Mandurriao, Iloilo City (CDMO, 2021). Common recyclable wastes found in the garbage bins are water bottle containers. The university has policies and guidelines in place for sustainable solid waste management. E-wastes, particularly computers, are currently stored and auctioned pending proper disposal.

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Table 2.13 Volume of Solid Waste Generated in the UPV Iloilo City campus from 2016 to 2020 and Disposal Method

SOURCE	VOLUME OF SOLID WASTE GENERATED (TONS/YEAR)					VOLUME OF SOLID WASTE COLLECTED (%/YEAR)	DISPOSAL METHOD	DISPOSAL SITE
	2016	2017	2018	2019	2020	2016-2020		
Domestic	0.30	0.36	0.36	0.30	0.16	100%	Hauled by UPV dump truck	Brgy. Calajunan, Mandurriao Sanitary Landfill

Source: CDMO, 2021

Note: No biomedical waste and sharps for the clinic. Only medical consultation is done in the clinic. Survey conducted during pandemic.

Solid Waste Management Strategies for the UPV Iloilo City Campus

1. Administrative issuances on sustainable waste management
2. Waste management as part of school curriculum
3. Awareness campaigns of student organizations
4. Designating areas for garbage bins and Material Recovery Facility

Waste Water Management

Most of the wastewater are generated from the buildings used by employees and students and from the dormitory residents in Balay Ilonggo. All buildings have septic tanks that are connected to the drainage system of the city.

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Table 2.14 Volume of Wastewater Generated in the UPV Iloilo City campus from 2016 to 2020 and Disposal Method

SOURCE	VOLUME OF WASTEWATER GENERATED (CUBIC METERS/DAY)					NO. / PERCENTAGE CONNECTED TO A CENTRAL SEWERAGE SYSTEM	DISPOSAL METHODS / TREATMENT FACILITY	CONDITION of Treatment Facility	DISPOSAL SITE
	2016	2017	2018	2019	2020	2016-2020			
Domestic	12.11	11.23	14.4	18.4	10.8	100%	SEPTIC TANK	Some septic tanks and need regular desludging	City Storm Drainage
Infirmery/ Clinic	0.26	0.32	0.38	0.42	0.21	100%	SEPTIC TANK	Needs separate STP	City Storm Drainage

Source: CDMO, 2021

Storage Facilities

The university has a growing collection of arts and culture related artefacts. At present, majority of these materials are kept in the storage areas in the Old City Hall. These have to be secured from theft and safe from deterioration over time.

The figures that follow show the actual critical facilities and lifeline utilities such as power system, water system and wastewater system maps in the city campus and their current condition. Also presented is the accessibility map for Persons with Disabilities in Figure 2.13. There are buildings on campus where there are no elevators/ lifts for those with physical disabilities. There is also limited connectivity on campus that makes mobility difficult for People with Disabilities, specifically those on wheelchairs.

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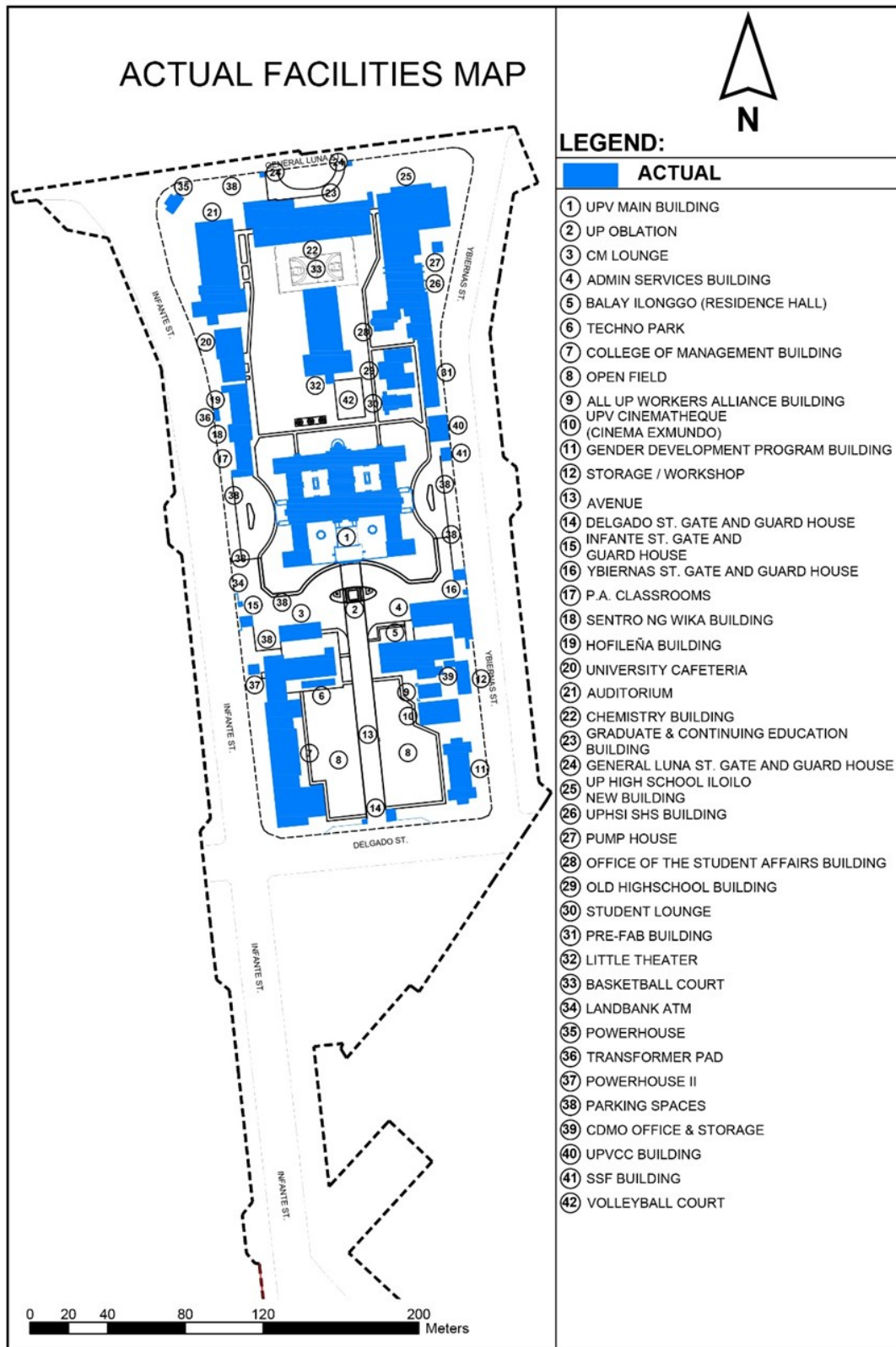


Figure 2.7 Actual Facilities Map of UPV Iloilo City Campus (as of July 2022)

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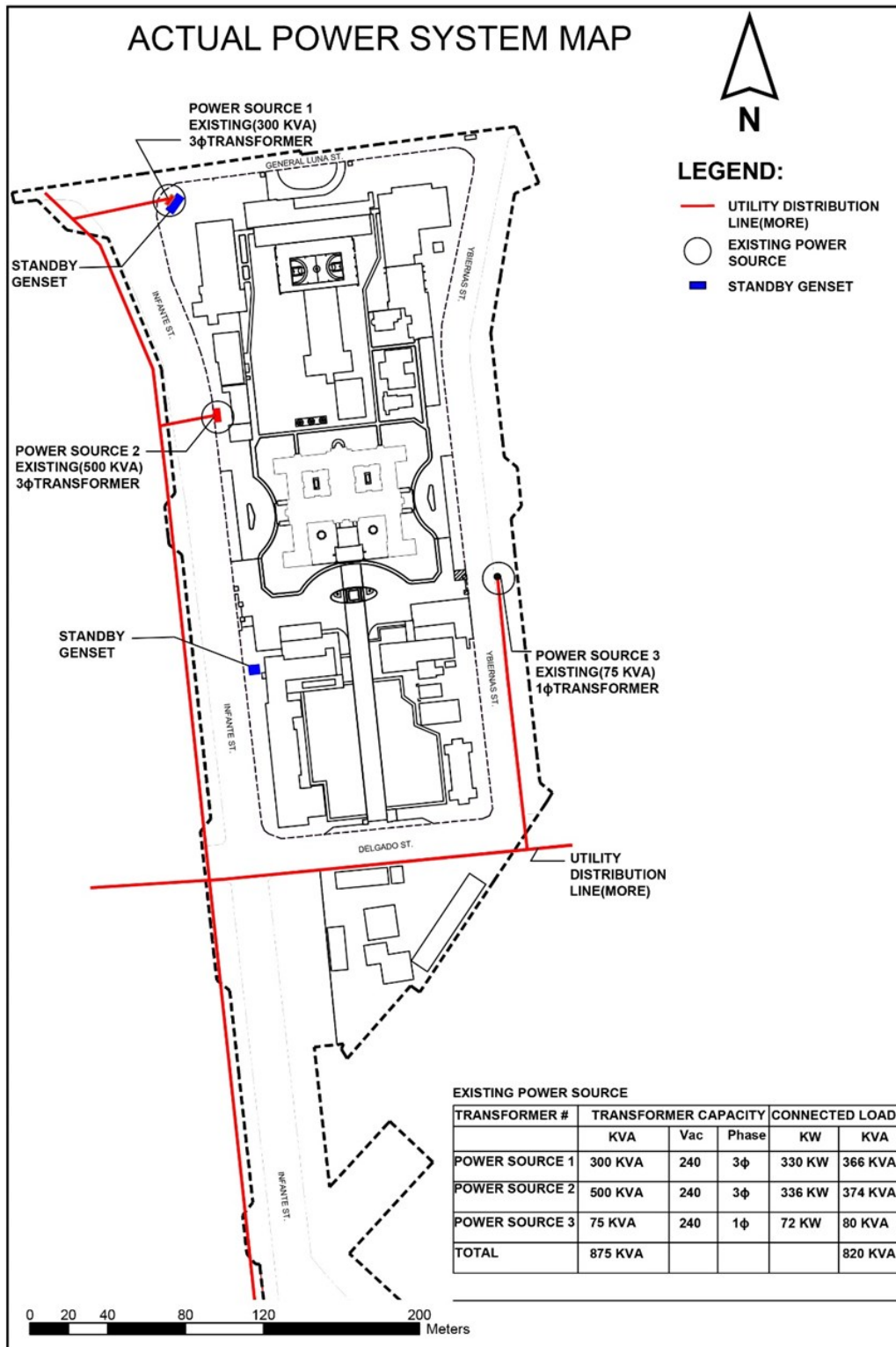


Figure 2.8 Actual Power System Map of UPV Iloilo City Campus (as of July 2022)

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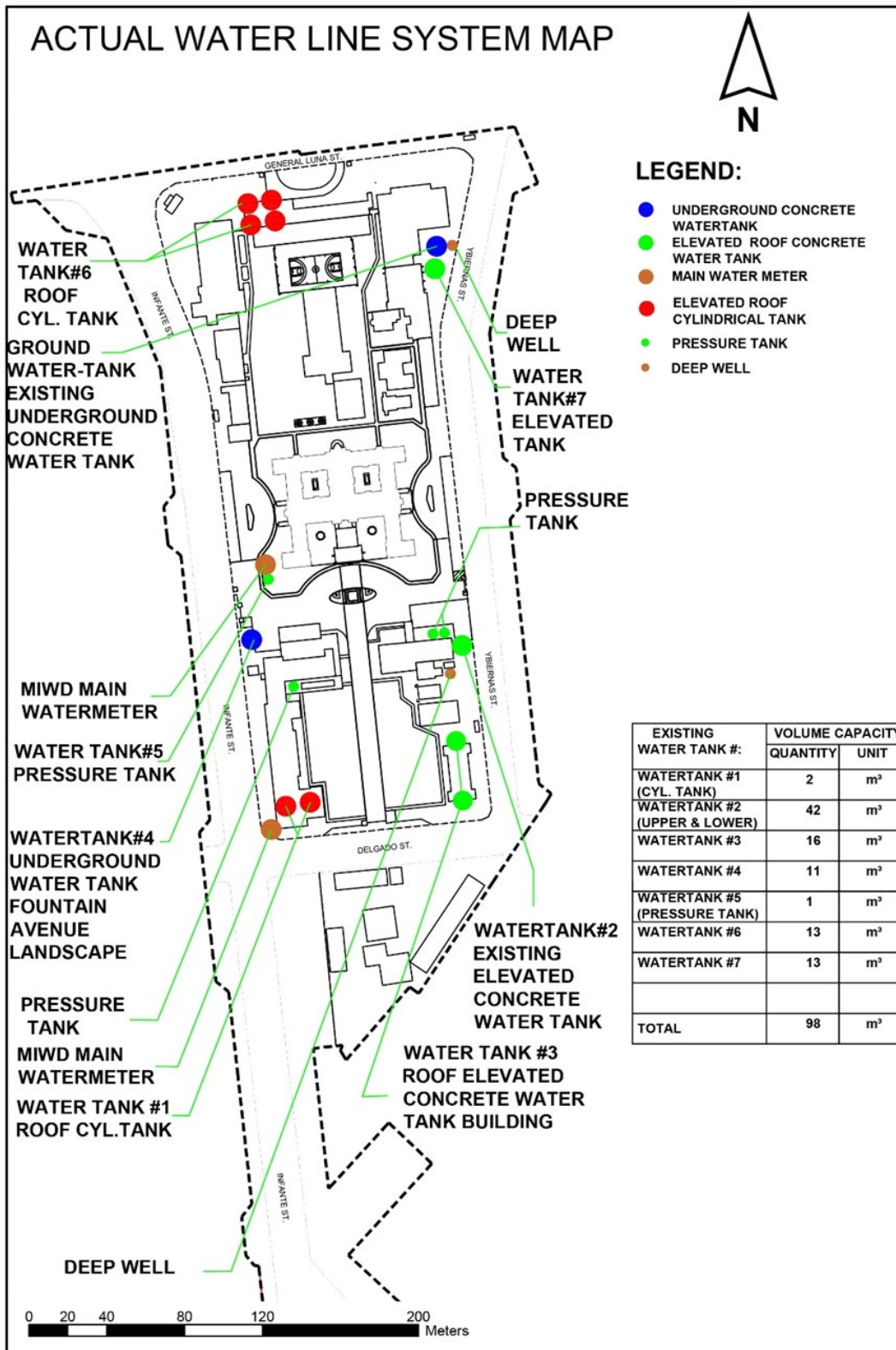


Figure 2.9 Actual Water Line System Map of UPV Iloilo City Campus (as of July 2022)

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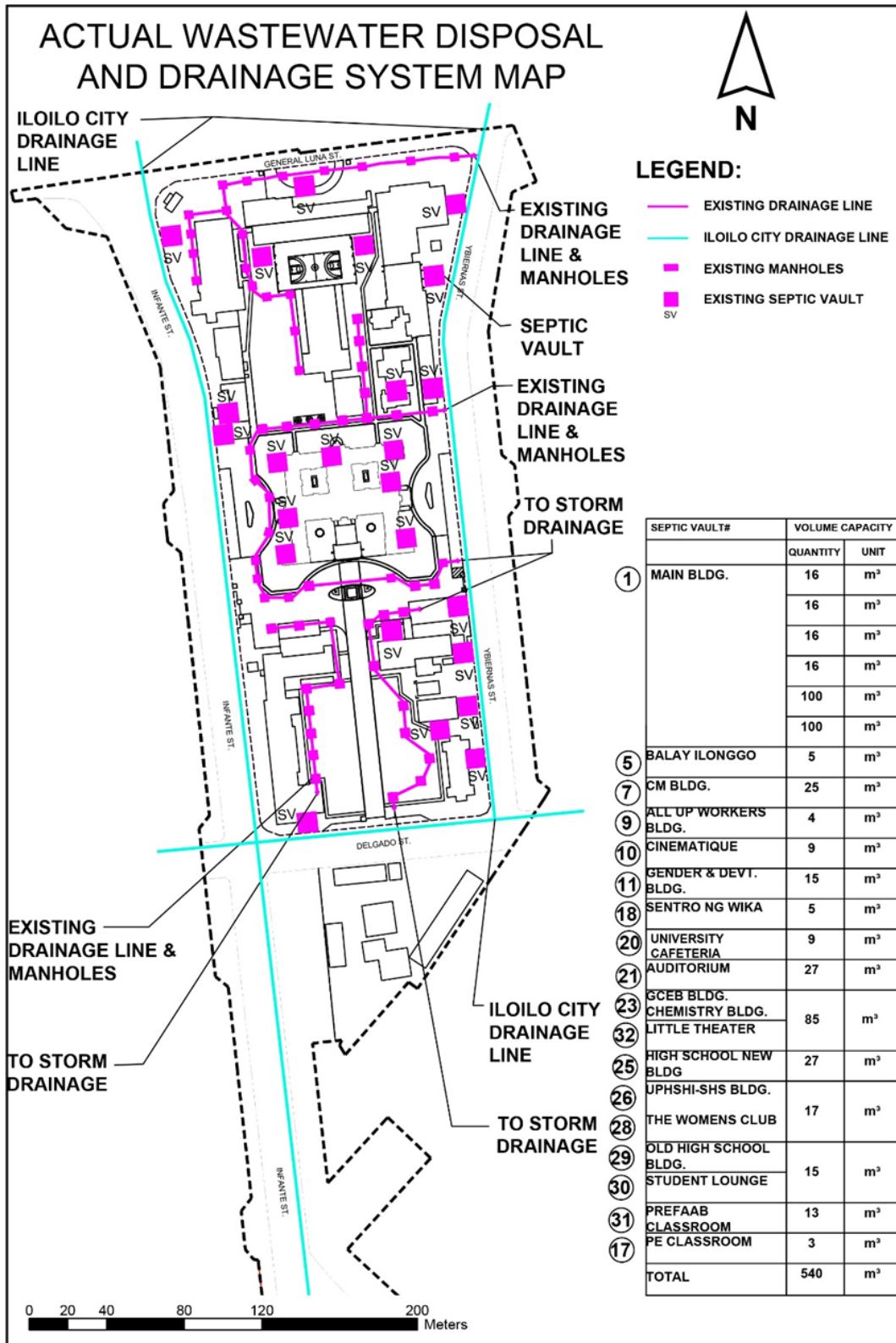


Figure 2.10 Actual Wastewater Disposal and Drainage System Map of UPV Iloilo City Campus (as of July 2022)

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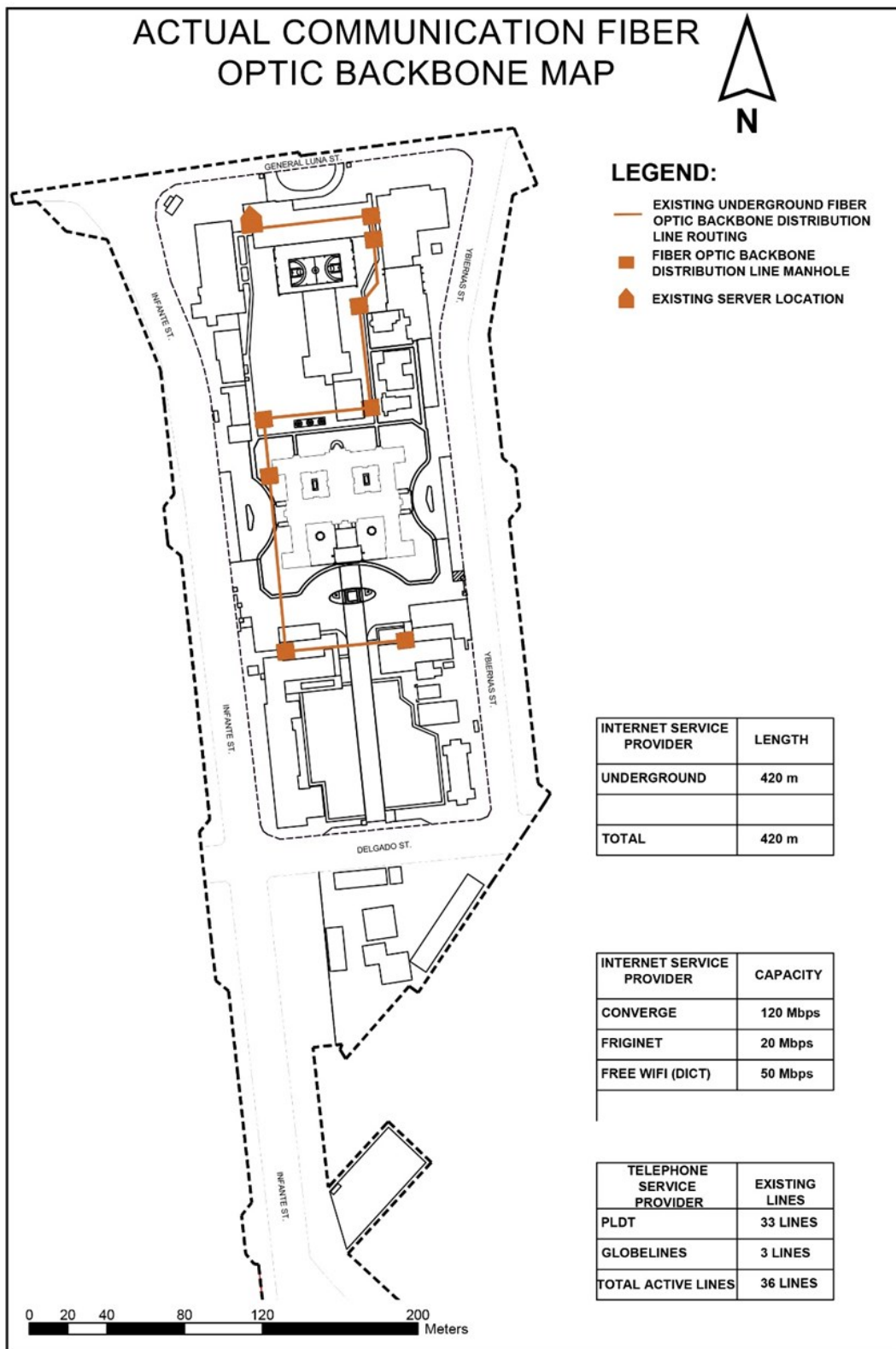


Figure 2.11 Actual Communication and Fiber Optic Backbone Map of UPV Iloilo City Campus (as of July 2022)

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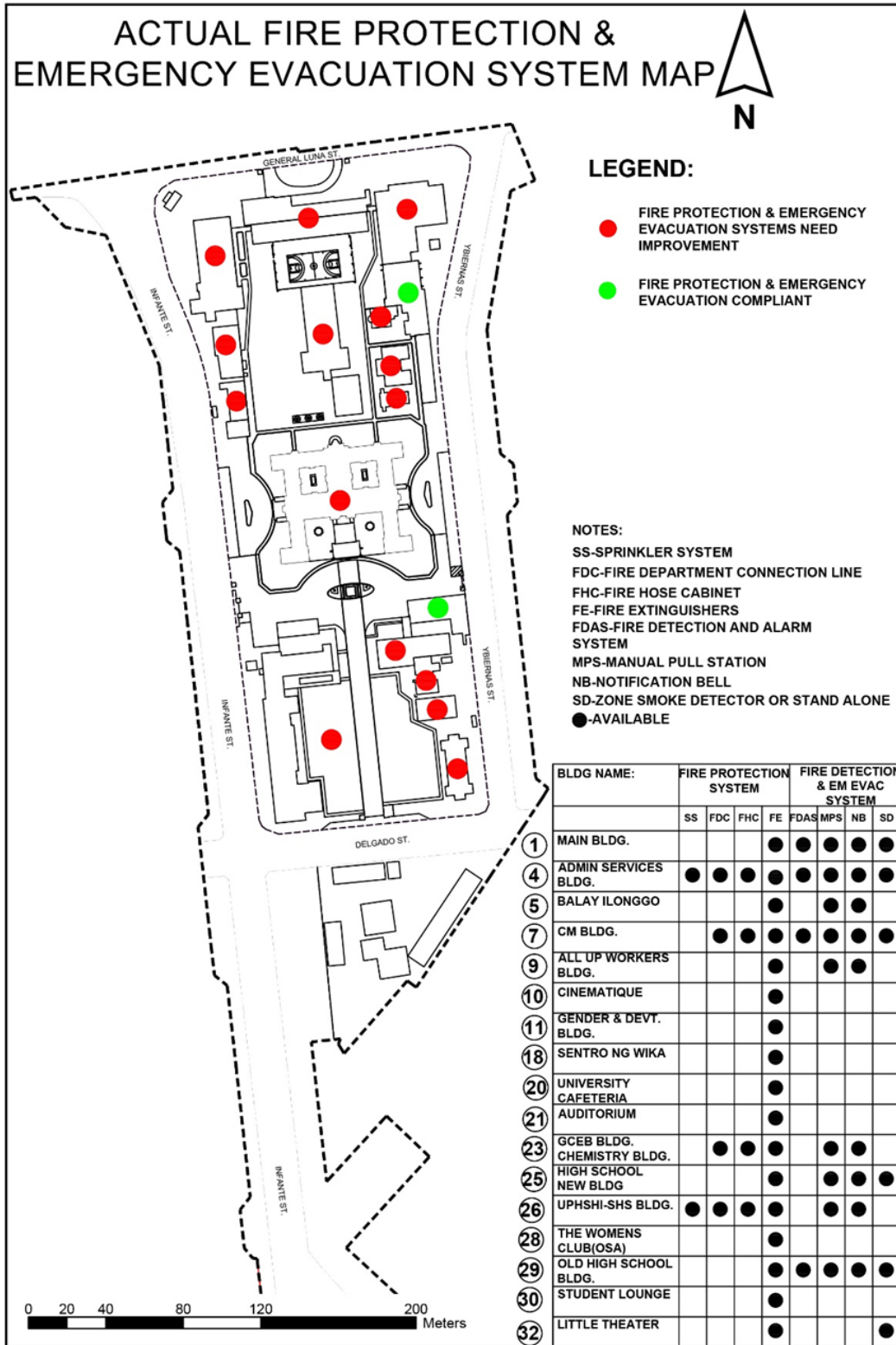


Figure 2.12 Actual Fire Protection and Evacuation System Map of UPV Iloilo City Campus (as of July 2022)

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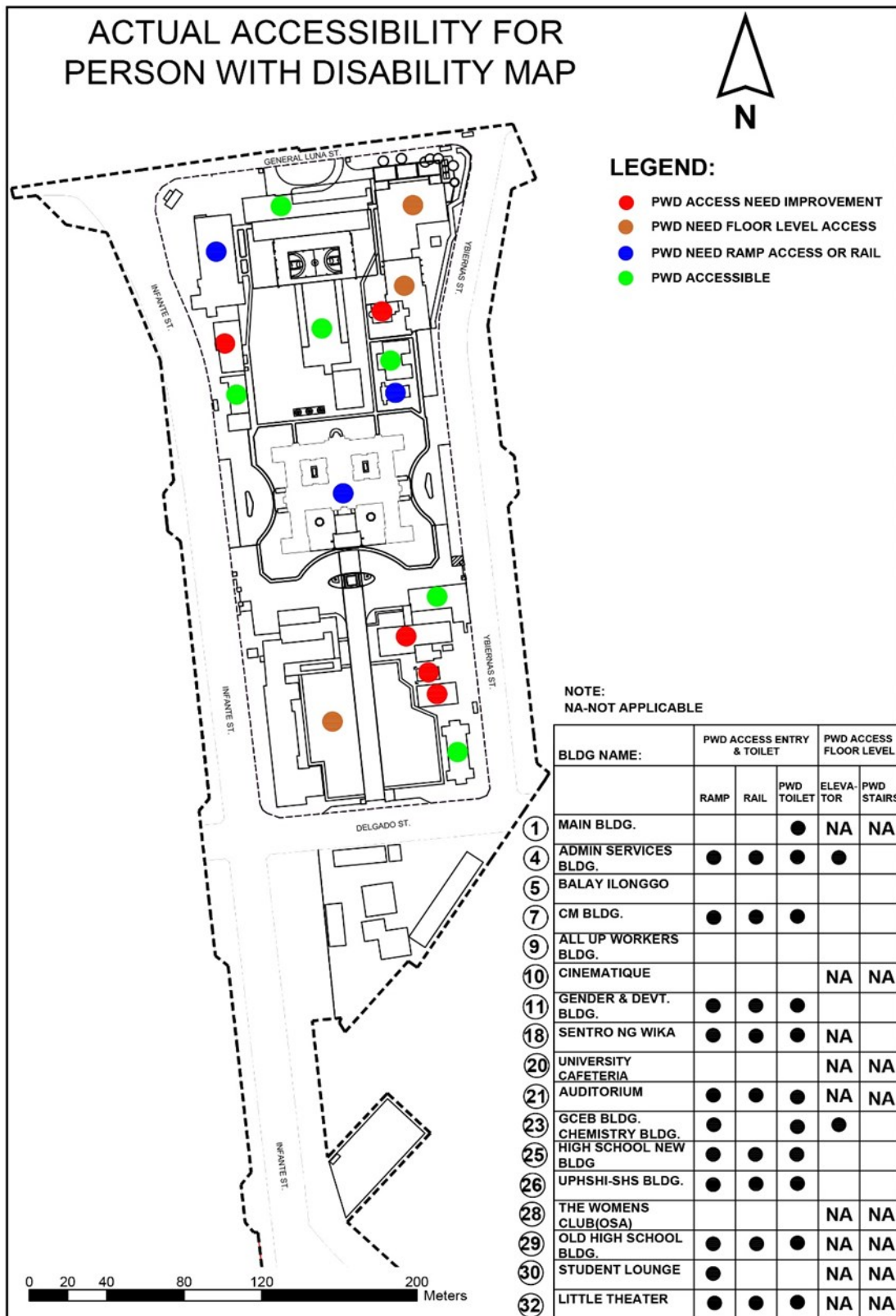


Figure 2.13 Actual Accessibility for Persons with Disability Map of UPV Iloilo City Campus (as of July 2022)

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CHAPTER 3: Analysis of Existing Conditions

One planning instrument to analyze the existing conditions of the city campus is the Vision Reality Gap (VRG). The vision is the force that drives the organization towards the achievement of development and serves as a guide through the succeeding period. The VRG process involves the participation of the different stakeholders with the OVCPD as facilitators. During the workshop, the vision was revisited and in the process gaps and challenges were identified. The results of the VRG were lifted from the workshops conducted in August 2021 thru online.

Apart from the VRG method, the identification of concerns was done through a review of pertinent documents, the conduct of Focus Group Discussions with the TWG and with university officials, and on-site inspections. Interviews and Focus Group Discussion with resource persons from relevant national agencies and the Local Government Unit of Iloilo City for their input. Results of the VRG became the bases for the formulation of the goals, objectives, projects, and programs of the university with land use and infrastructure implications.

The first section consists of the vision, mission and, goals, and objectives of UPV and of the various executive offices and colleges. The second part shows the results of the Vision-Reality Gap (VRG) workshop for the four executive offices and for the College of Management (CM). The CM is the only college still located in the city campus; the rest of the colleges are in Miagao and their VRG results are shown in the LUDIP for Miagao. The VRG workshops were held in August 2021. The third section is about the key concerns with land use and infrastructure planning implications. Recommendations are provided to address specific concerns and to contribute to the overall vision of UPV. The last part of the section shows the results of the risk assessments for infrastructure and lifeline facilities in the UPV Iloilo City campus.

3.1 UP Visayas Vision, Mission, Goals and Objectives

Vision

A world class university at the forefront of fisheries and aquatic sciences education, research and development.

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Mission

Provide relevant quality education in fisheries and aquatic sciences;
Promote, preserve and nurture the Visayan cultural heritage;
Develop competitive and innovative management practices and technologies in education, research, and public service; and
Lead in and advocate for the sustainable development of the Visayas Region and of the nation within the changing world order

Core Values

Service
Excellence
Integrity
Nationalism
Environmental stewardship

Office of the Chancellor (Strategic Direction)

Vision

A world-class institution of higher learning known for excellence in teaching, research, and public service, leading in community engagement and meaningful change in education, and distinguished by a robust commitment to diversity, inclusion, 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

Office of the Vice Chancellor for Administration (OVCA)

Vision

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.

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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.

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 Academic Affairs (OVCAA)

Vision

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.

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 fulfil 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

Office of the Vice Chancellor for Planning and Development (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.

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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.

Table 3.1 Vision-Reality Gap Analysis: Office of the Vice Chancellor for Planning and Development

DESCRIPTORS	INDICATORS RELATE/TRANSLATE INTO INDICATORS	RATING	POLICY OPTIONS	PPAs for the next 10 years
Dynamic Improved enabling environment, policies, and governance Developed and implement relevant, quality, socially responsive, and evidence-based programs and projects	Number of guidelines and policy reviews conducted		Improve the conducting of guidelines and policy review relevant to the office	On Governance 1. Conducting of regular guidelines and policy review for diverse & inclusive campus spaces 2. Rationalization of existing organizational structure and processes for enhanced efficiency and effectiveness.
	Rationalized OVCPD with vital functions and resources channeled to core services (as per EO 1983-09)	5	Institute or develop a more relevant and responsive organizational structure	3. Creation of MIS and unit for planning-related decision-making -Creation of MIS guidelines -Review of documents -Benchmarking on other MIS related unit
	Creation of a Management Information System (MIS) for planning-related decision-making and for stepping-up capacity to monitor and evaluate results of development-oriented projects	3	Establish an MIS and a unit ⁵	4. Creation of MIS Committee leading to an Office (EO 1983-09) 5. Creation of SOP for approval 6. Capacity development trainings/workshops for staff contributing to services of the office.

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DESCRIPTORS	INDICATORS RELATE/TRANSLATE INTO INDICATORS	RATING	POLICY OPTIONS	PPAs for the next 10 years
	Approved Standard Operation Procedure on office operations	6	Improve the SOP	Creation of Staff Development Plan to improve Staff Profile
	No. of staff attending trainings relevant to their line of work	6	Enhance capacity development of staff	
	No. of staff holding masters/PhD/professional doctorate degrees related to their line of work	6	Improve staff profile	
	No. of sound capital outlay and relevant proposals prepared 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.	6	Improve the soundness/ quality of capital outlay and relevant proposals	Creation of inter-office or multi-disciplinary committees (from DURP, Marketing, Biology, Chemistry, SOTECH, PSM, Soc. Sci, Management) for certain project proposals on but not limited to: Sustainable resource generation Site development Site reforestation/ afforestation Site acquisition Site development of UPVs' relocation areas
	Proposal has passed the review of relevant TWGs			

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DESCRIPTORS	INDICATORS RELATE/ TRANSLATE INTO INDICATORS	RATING	POLICY OPTIONS	PPAs for the next 10 years
	% Area of the UPV campus reforested	4	Enhance ecological health of the campus	On Reforestation & Afforestation Creation of project proposal to include vegetation plan
	% Area of the UPV campus afforested			
	% of land titling process completed	3	Institute better mechanisms on land titling processes	On Land Titling and Land Consolidation <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
				<ol style="list-style-type: none"> 4. Creation of an interagency partnership to address informal settlements in UPV campuses and other properties of UPV. 5. Ways and Means to expand sources of funds for land (apart from government funds) to address titling and land consolidation 6. Upgrading of Relocation Sites 7. Resurvey of Miagao and Iloilo City properties 8. 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.

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DESCRIPTORS	INDICATORS RELATE/ TRANSLATE INTO INDICATORS	RATING	POLICY OPTIONS	PPAs for the next 10 years
	No. of resource generation proposals approved			Monitoring of proposals submitted
	Availability of Technical Working Groups in charge of preparing development-oriented conceptual plans	6	Improve the composition of TWG	Creation of multidisciplinary/ interoffice committees for specific projects 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	3. Acquisition of appropriate tools or system 4. 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 Creative/ innovations Developed and strengthened the planning champions that are competent and service-oriented processes	3	Establish a mechanism to streamline processes	5. 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

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DESCRIPTORS	INDICATORS RELATE/ TRANSLATE INTO INDICATORS	RATING	POLICY OPTIONS	PPAs for the next 10 years
	No. of partnership/ collaboration with the community in the collection and propagation of endemic tree seedlings	4	Improve the partnership	<ol style="list-style-type: none"> 1. No. of agreements with the community 2. Creation of an implementable work plan
	Percentage of land and water resources developed for resource generation	3	Institute mechanisms to develop properties for resource generation purposes	<ol style="list-style-type: none"> 1. Creation of project proposals on resource generation projects (ex. Coco Farm, Bambusetum, University Gardens, UPV-Farmers Partnership) -Creation of multi-disciplinal/multi-office committees 2. Review of approved LUDIP for re-tuning/refinement
	Percentage of land developed for residential/housing needs	5	Improve the land for residential/housing needs	<ol style="list-style-type: none"> 1. Develop project projects related to site development for specific zones 2. Develop project proposals related to site maintenance for specific zones
	Percentage of land and water resources developed for other services (zones for academic support, community services, agriculture)	4	Establish mechanisms to develop land and water resources	<ol style="list-style-type: none"> 3. Review of approved LUDIP for re-tuning/refinement

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DESCRIPTORS	INDICATORS RELATE/ TRANSLATE INTO INDICATORS	RATING	POLICY OPTIONS	PPAs for the next 10 years
<p>Meaningful Consultative Processes</p> <p>Created and maintained venues for the public to provide <i>meaningful</i> inputs into the decision-making <i>process</i>.</p>	<p>No. of planning workshops conducted/organized that includes relevant stakeholders on various projects (ex. LUDIP preparation for both Miagao and Iloilo City campuses</p>	<p>5</p>	<p>Enhance the quality of conducting activities</p>	<p>On Process</p> <ol style="list-style-type: none"> 1. Establish appropriate consultative/participatory models in the conceptualizing, planning, implementation, and M and E of projects. <ul style="list-style-type: none"> -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 effectiveness in service delivery.

Note: Workshops conducted between August-November 2021

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

Vision

UPV as a leading institution in knowledge generation and translation in the fields of fisheries, aquatic, sciences and allied sciences through excellent provision of support and efficient implementation 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 which will enhance and bring in resources for research;
- Provide services to the communities to capacitate them through continuing education and livelihood trainings.

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
	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	6	Enhance Allotting RCWPPS funds for Visayan heritage/ studies research proposals
Innovative	Quantity of breakthrough research	0	10	Introduce Enhance skills of researchers in undertaking novel research through regular prior art and patentability search training Linkages with institutions to promote the implementation of “novel” research Regular consultations with stakeholders to identify “pain points” that need to be addressed by academic researchers

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Descriptor	Indicators	Current Reality Rating	Gap	Policy Options and PPAs
	No. of Multi/ Transdisciplinary re- search	0	10	Introduce UPV Research Mentorship and Collaboration Program [e.g. inter-college summer school for research]
	No. of research collab with other agencies/ SUCs	4	6	Enhance UPV Research Mentorship and Collaboration Program [e.g. inter-SUC training and work- shops]
	Number of facilities/ equipment (including connectivity) that support research	4	6	Enhance Infra Review and Assessment; Stakeholders' consultations
	Number of facilities (inc. technology, training spac- es, 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
	No. of technologies gen- erated from research activities	6	4	Enhance Quarterly review of IP Portfolio Assessment of Technology Readiness Level of research outputs Regular conduct of customer discovery train- ing Semi-annual update of tech venture board
	Presence of venues to showcase work of crea- tive art (performing arts, visual arts, music, film)	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]
	Promotion of West Visa- yan heritage and culture	7	3	Sustain Innovations in exhibits and visual presenta- tions of WV heritage and culture (in response to the new normal)

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Descriptor	Indicators	Current Reality Rating	Gap	Policy Options and PPAs
Excellent	Number of awards (R&PS)	9	1	Sustain Encourage applications for awards
	Number of grants received	8	2	Sustain Facilitate applications for grants through the RAO
	Number of research citations			Sustain
	(Google h-index)	8	2	Sustain
	No. of webinars and online courses conducted	8	2	Enhance
	Research translated to publications	5	5	Introduce Regular prior art and patentability search training Capacitate TTBD0 staff and UPV researchers in drafting patents and other IP applications as well as in prosecuting these IP applications
	No. of research translated to patents (and other property rights)	2	8	Enhance Regular prior art and patentability search training Capacitate TTBD0 staff and UPV researchers in drafting patents and other IP applications as well as in prosecuting these IP applications
	Translated to UMs	6	4	Enhance Regular prior art and patentability search training Capacitate TTBD0 staff and UPV researchers in drafting patents 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
	% 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
Efficient, Timely, Effective, and Relevant	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 technologies transferred (extension)	3	7	Clustering of public service- research and mentoring
	No. of personnel attending professional/ career development/ enhancement training (including degrees)	3	7	Enhance
	No. of facilities maintained and upgraded	5	5	Facilities Review and Evaluation
	Institutional linkages established	6	4	Enhance Promote partnership and collaboration with relevant stakeholders
	No. of research findings utilized by the end-user -commercialization -public good	3	7	Introduce Regular assessment of the technology readiness and market readiness levels of technologies Institutionalize/Adopt tools that measure the societal/economic impact of technologies

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Descriptor	Indicators	Current Reality Rating	Gap	Policy Options and PPAs
	No. of research findings utilized by the end-user -commercialization -public good	3	7	Introduce Regular assessment of the technology readiness and market readiness levels of technologies Institutionalize/Adopt tools that measure the societal/economic impact of technologies
	No. of training and technical services provided	7	3	Maintain the number of training and technical services currently provided
	No. of persons trained			
	No. of policy recommendations utilized by the end-user	4	6	Research and PS colloquium to be attended by LGUs, Legislators, Policy making bodies
	No. of engagements with local communities	3	7	Introduce PS offering to specific communities Focus on specific communities for PS engagements
	No. of partnerships with communities and stakeholders	5	5	Enhance partnership with communities and stakeholders Clustering of public service- research and mentoring
	No. of technical support provided	7	3	Maintain the number of beneficiaries currently availing of technical support Clustering of public service- research and mentoring
	Accreditation for professional training (CPD)	0	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	6	4	
	Space/area for storage of research materials and outputs			

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Descriptor	Indicators	Current Reality Rating	Gap	Policy Options and PPAs
	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, and social enterprises
	Compliance with laws and minimum standards (Gender-responsive, PWD friendly, waste disposal, occupational health, environmental protection)	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 HGDG tools for infrastructure development]

Note: Workshops conducted between August-November 2021

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College of Arts and Sciences (CAS)

Vision

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

College of Fisheries and Ocean Sciences (CFOS)

Vision

A world-class institution in the fields of fisheries and aquatic sciences)

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

College of Management

Vision

A globally competitive institution of higher education in management and governance, research, and public service.

Mission

To provide quality education, research and public service programs in the fields of business management, public administration and governance, and urban and regional planning in pursuit of UPV's thrusts

School of Technology

Vision

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

For the next section, only the College of Management is presented on the city campus. The other colleges are presented in the LUDIP for the Miagao campus.

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3.2 Vision-Reality Gap Results

Table 3.3 Vision-Reality Gap Analysis: College of Management

Vision Statements of College	Descriptors	Indicators Re- late/translate/ transform de- scriptors into indi- cators	Rating	Policy options	Programs / Projects / Activities
A globally competitive institution of higher education in management and governance, research, and public service	Globally competitive	Instruction/Program Quality			
		% of faculty members with PhDs	4	Enhance	Periodic updating of the faculty development plan
		No. of post-graduate degree programs	8	Enhance	Introduce new programs (PhD Mgt, MURP, MM Mgt-Research Track)
		No. of programs accredited by both local international accreditation bodies	N	Introduce	Program/Course Review Performance Assessment
		Compliance with AUN-QA standards and other accrediting bodies	N		
		% of faculty members trained	8	Enhance	Enhance the capacity of faculty members in course planning and delivery, assessment, and monitoring

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Vision Statements of College	Descriptors	Indicators Re- late/translate/ transform de- scriptors into indi- cators	Rating	Policy options	Programs / Projects / Activities
		Quality of Students/Graduates			
		Selection Criteria for Admission Reviewed and institutionalized	9	Enhance	Review Selection Criteria to incorporate inclusivity and diversity in the student community
		Increase in the Passing % in licensure examination	7	Enhance	Curriculum and retention policy review; benchmarking with other institutions
		No. of alumni occupying decision-making positions	N	Enhance	Periodic conduct of tracer study among graduates
		% of graduates (2 years prior) that are employed	9		
		Student/ Teaching Resources			
		% of the facilities made available to faculty, staff, and students	8	Enhance	Develop and implement a college teaching and student resource plan
		% of the facilities made available to faculty, staff, and students	8	Enhance	Construction and improvement of facilities such as case rooms, computer laboratories, student lounge, and IT infrastructures

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Vision Statements of College	Descriptors	Indicators Relate/ translate/	Rating	Policy options	Programs / Projects / Activities	
		transform descriptors into indicators				
		Scientific Productivity				Develop and implement a college research plan
		No. of peer-reviewed publications	7	Enhance		
		% of faculty involved in research	6			
		No. of research presentations (National/ International)	8			
		No. of research projects completed	7			
		No. of citations	6			
		No. of research utilized by the industry/ stakeholders	5			
		Amount of research grants	7			
		No. of research-related activities conducted	7			
		No. of externally funded research grants	7			

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Vision Statements of College	Descriptors	Indicators Relate/ translate/	Rating	Policy options	Programs / Projects / Activities	
		transform de- descriptors into indicators				
		Extension				Implement an institutionalized College-based extension program
		No. of public service initiatives	10	Sustain		
		No. of beneficiaries/ participants	10			
		No. of capability programs/technical assistance initiated and conducted	10			
		% of faculty involved in public service and training programs	7	Enhance		
		% of staff involved in public service and training programs	8	Enhance		
		No. of communities adopted/assisted	5	Enhance		
		% of successful incubatees	6	Enhance		

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Vision Statements of College	Descriptors	Indicators Relate/ translate/	Rating	Policy options	Programs / Projects / Activities
		transform descriptors into indicators			
	Responsive to the needs of stakeholders	Rated excellent by key clients (project beneficiaries, incubatees, communities served, and other University clients)	9	Sustain	Institutionalize client satisfaction survey for all activities undertaken
	Enabling re-search environment	% of the budget allocated for re-search availed by the college	7	Enhance	Increase access to University-funded in-house research grants
		No. of a collaborative research program with other colleges/units in place and/or re-search institutions in place	6	Enhance	Tie up with other colleges and funding institutions for collaborative research
		Availability of institutional support for research within the college in place	5	Enhance	Institutionalize a one-stop shop for researchers and students of UPV-CM
		Presence of re-search infrastructure in place (internet connectivity, journal access, software and computer programs, plagiarisms scans)	7	Enhance	Improve research infrastructures

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Vision Statements of College	Descriptors	Indicators Re-late/translate/	Rating	Policy options	Programs / Projects / Activities
		transform descriptors into indicators			
	Good and inclusive governance	% of requests responded on time	9	Sustain	Institutionalize/ increase compliance to the provisions stipulated in the ARTA
		% of administrative personnel trained for skills enhancement and development	8		
		% of ARTA requirements satisfied	9		
		Availability of funds for student support	8	Sustain	Allocate funds intended in support of student activities
		% of funds utilized for student support	N	Introduce	
		The amount allocated for ICT support for marginalized students	5	Enhance	Allocate funds intended for ICT support, particularly for the marginalized students
		Presence of health and wellness facilities	2	Enhance	Improve health and wellness facilities and infrastructures
		The amount allocated for health and wellness programs	N	Introduce	
		Provision of space for student organizations	2	Enhance	Collaborate with LGUs, NGOs

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Vision Statements of College	Descriptors	Indicators Relate/translate/	Rating	Policy options	Programs / Projects / Activities
		transform descriptors into indicators			
	Collaborative governance	No. of LGU/ NGOs linkages	8	Sustain	Collaborate with LGUs / NGOs
		No. of collaborations with public and private sectors	8	Sustain	Collaborate with LGUs / NGOs
		No. of HEIs engagements	7	Sustain	Extend technical assistance to HEIs and other academic institutions
		No. of MOA/ MOU institutionalized	7	Sustain	
		No. of activities with alumni engagement	7	Sustain	Create partnerships with the alumni
		No. of alumni participated in various college programs	7	Sustain	Encourage participation of the alumni in college programs
		No. of alumni participated in various college programs	7	Sustain	Encourage participation of the alumni in college programs

Note: Workshops conducted between August-November 2021

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3.3 Key Sectoral Concerns and Recommendations

The table below shows the concerns that were identified using various methods through workshops held in 2021. 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 3.4 Key Sectoral Concerns with Land Use and Infrastructure Planning Implications and Recommendations

Sectors	Subsector	Concerns	Key Implications	Recommendations
Land Uses		In the proposed CLUP (2021-2030) of the LGU Iloilo City, the UPV properties outside the fenced area have been zoned as Institutional (I) and Commercial (C1) zones.	<ul style="list-style-type: none"> • The LGU will approve business application permits in areas within the UPV property that have been zoned for commercial activities (C1) • Increase in the number of affected stakeholders that will include not only residential occupants but business owners and tenants as well. 	<p>Continue the discussion with the UP system regarding the concerned properties, particularly the restrictive provisions in the 1948 Deed of Donation</p> <p>Continue the inter-agency discussion about the properties outside the fenced area and the occupants following university guidelines and applicable laws.</p>

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Sectors	Subsector	Concerns	Key Implications	Recommendations
Land Properties		<ul style="list-style-type: none"> • Contentious boundaries (ownership) • Some portions of the donated lots (e.g. ROW) have been used by the Chinese cemetery (see Figure 3.1) • Setbacks/Buffers of structures do not anymore conform with the adjacent public cemetery. • Presence of non-UP constituents within UP properties outside the fenced area • Formal acquisition of properties has been slow due to insufficient staff assigned to look into the UPV Iloilo City campus properties and follow-up government transactions • Inconsistencies in the land area are stated in the different documents. The changes in the barangay divisions might have also affected the property boundaries. 	<ul style="list-style-type: none"> • Properties outside the fenced area are underutilized for activities related to academic, research, and public service initiatives • UPV cannot assert how big their property is without conducting a resurvey of the city campus 	<ul style="list-style-type: none"> • Review the Site Acquisition and Resettlement Plan (SARP) to include the formal designation of staff for UPV properties in the Iloilo City campus. • Craft an Asset Management Plan to include a proposal for a multi-year land titling project under SARP • Formalize the coordination with multi-agencies in resolving the presence of occupants outside the fenced area and in processing the land properties.

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Sectors	Subsector	Concerns	Key Implications	Recommendations
Physical	Transportation (includes the circulation movement inside and outside the fenced area of the campus)	<ul style="list-style-type: none"> • Poor traffic circulation within the fenced area. Pedestrians, bikers, and service facilities lack defined pathways. • Bike lanes are not well-connected going to/from the campus and place of residence. There are, however, bike lanes right outside the fenced area of the campus 	<ul style="list-style-type: none"> • Loss of property in times of fire with no or limited access to structures/buildings • Safety is a concern for users who take the bike going to and from the campus because bike lanes in the city are not well connected. 	<ul style="list-style-type: none"> • Adopt appropriate guidelines for the bike lanes/path walks • Consult with government officials about safety concerns about using bicycles to work/school
		<ul style="list-style-type: none"> • Absence of intercampus transport services between Iloilo City and Miagao campuses 	<ul style="list-style-type: none"> • Safety hazard for faculty, staff, and students who have to take PUVs between campuses. • Students, staff, and faculty have to use their private cars to go to both campuses and spend personal money on their transportation. 	<ul style="list-style-type: none"> • Coordinate with the provincial government to ensure the safety of PUVs. • Do a Feasibility study on having a shuttle service for faculty, staff, and students

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Sectors	Subsector	Concerns	Key Implications	Recommendations
	Parking	<ul style="list-style-type: none"> • Pre-pandemic period, there is an insufficient no. of vehicle parking spaces within the fenced area. • Parking lots for personnel and visitors have no designated bays. 	<ul style="list-style-type: none"> • Some vehicles park on-road along Ybiernas and Delgado streets. • Users have to compete for spaces on a first-come, first-serve basis. 	<ul style="list-style-type: none"> • Update Traffic Management Plan to include: <ul style="list-style-type: none"> • A circulation path that separates pedestrians, bikers, and service facilities • Installation of proper bike facilities • a Traffic Plan for special events and during regular days • Coordinate with the City LGU for the connectivity of bike facilities (e.g. lanes) going to and from the campus.
		<ul style="list-style-type: none"> • Designated garage for UP buses has been used as a site of the Administration Building 	<ul style="list-style-type: none"> • Need for a garage for UP buses 	<ul style="list-style-type: none"> • Opening another gate along gen. Luna St. for buses only. Coordinate with the City District DPWH for cutting of sidewalks & and with the PSTMO for potential traffic impacts

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Sectors	Subsector	Concerns	Key Implications	Recommendations
	Student Housing	<ul style="list-style-type: none"> • Aging dorm facility • Sleeping quarters and common areas were built without much consideration of health outbreaks and are to be used in full capacity. Common areas are the toilet and bathroom area, dining area, and lounge area. • The student housing provisions for students will remain the same for the next ten years given the transfer of undergraduate students of the College of Management in the Miagao campus. 	<ul style="list-style-type: none"> • Safety hazards to residents, including fire hazard • Health concerns to users • No additional spaces will be allotted for student houses. The existing dormitory will be maintained as the primary housing for students. There are numerous boarding houses and apartments adjacent to the campus and in Iloilo City. 	<ul style="list-style-type: none"> • Create a Continuity Plan to include keeping rooms and common areas of low density through prioritization of users at a given time and setting up of portable toilets and bathrooms, when necessary. • Strengthen partnership with the LGU to ensure that eateries ('carinderia'), boarding houses, and residential facilities that cater to students follow the minimum health standards. • Renovation and upgrading of the dormitory and its facilities

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Sectors	Subsector	Concerns	Key Implications	Recommendations
Physical	Design	<ul style="list-style-type: none"> Some buildings were constructed prior to the creation of the 2015 Campus Development Principles and Design Guidelines 	<ul style="list-style-type: none"> Lack of unity and coherence in the design of buildings 	<ul style="list-style-type: none"> Assess the conformity of the buildings' design based on: <ul style="list-style-type: none"> the 2014 Campus Development Principles and Design Guidelines design elements of the historic Old City Hall Applicable provisions in the Zoning Ordinance of Iloilo City. Reinforce/create a guideline that the design of new structures should "conform" to the design of structures of heritage importance.
	Storage	<ul style="list-style-type: none"> Growing art and culture collection of the university, majority of these are donations Growing collection of donated manuscripts, other materials by local/national artists 	<ul style="list-style-type: none"> Increased need for physical storage Need to keep the collections secure and safe 	<ul style="list-style-type: none"> Check the contracts or MOAs for conditions in the donations Creation of a plan to enhance the safety and security system for the growing arts and culture collections of the university Look for possible storage areas outside the city campus

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Sectors	Subsector	Concerns	Key Implications	Recommendations
Physical		<ul style="list-style-type: none"> • Some areas on campus are susceptible to flooding due to rainwater retention, based on observations: • Old High School Building • The Woman’s Club • Little Theater • UPV Cafeteria • UPV Consumers Cooperative 	<ul style="list-style-type: none"> • Inconvenience in accessing buildings that delay the transaction • Rapid wear and tear of structures • Stagnant water poses health hazards to users and fast deterioration of structures 	<ul style="list-style-type: none"> • Use mitigating and adaptation measures for facilities and the users in areas where such recommendations are applicable • Adaptation measures for structures include elevating the structures and walkways from the natural ground line and constructing 2-storey buildings. • For areas where there is water retention resulting in rainwater, stormwater management is the priority option (not grading). • Run-off can be adequately controlled thru storm drains so that these can be reused or channeled through covered canals or drainage—connect to the stormwater drainage of the city. The latter option requires an outlet. • Another option is rainwater harvesting to be reused for toilets and bathrooms. • Improvement of the drainage system within the campus and close coordination with government agencies to tap into the city’s facilities.

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Sectors	Subsector	Concerns	Key Implications	Recommendations
		<ul style="list-style-type: none"> • Ineffective drainage system/ drainage system cannot connect to the city drainage system 	<ul style="list-style-type: none"> • Backflow during high tide • Some areas inside the fenced area are prone to flooding 	<ul style="list-style-type: none"> • Coordinate with proper agencies (e.g. DPWH-City District Office and LGU-City Engineer's office) for connection to their drainage system
		<ul style="list-style-type: none"> • Poor condition of structures: <ul style="list-style-type: none"> ◆ perimeter fence • high school pre-fab building and Public Administration (PA) buildings 	<ul style="list-style-type: none"> • Aesthetically unattractive • Pose as safety hazards, especially to fire • Real properties are still listed as 'assets' 	<ul style="list-style-type: none"> • Draft a Preventive Maintenance Plan or an organized and planned servicing of equipment to ensure systems are functioning properly and are water & energy efficient) in key areas, especially those with high foot traffic: <ul style="list-style-type: none"> ◆ cafeteria, classrooms, students' areas ◆ student labs, dorms, living areas, restrooms ◆ athletic facilities, libraries ◆ auditorium, theaters ◆ administrative offices, central administrative offices, storage facilities • Delist the facilities (PA & High School Pre-Fab buildings) as "assets" when these have turned into 'liabilities' • Apply for demolition of the two buildings to allow proper set-backs for the Old City Hall, the Old High School Building, and The Woman's Club • Repair of the old fence

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Sectors	Subsector	Concerns	Key Implications	Recommendations
		<ul style="list-style-type: none"> • The undergraduate program of the College of Management (CM) will be transferred to UPV Miagao 	<ul style="list-style-type: none"> • Transfer of undergraduate-related courses and activities to the Miagao campus • The CM building will change its current users who are faculty, staff, and students 	<ul style="list-style-type: none"> • Creation of a Transition Plan by the College of Management to be implemented in phases • Classrooms will be used for new course offerings e.g. by the College of Education and for offices.
		<ul style="list-style-type: none"> • Current server room in GCEB has no room expansion • Current bandwidth requirements not anymore sufficient due to growing needs and the shift to blended learning • Infrastructure facilities have not been upgraded or have undergone improvements 	<ul style="list-style-type: none"> • No room for expansion • Poor internet service to various users 	<ul style="list-style-type: none"> • Creation of ICT Plan • Construction of Network Operations Center (NOC) on campus

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Sectors	Subsector	Concerns	Key Implications	Recommendations
Heritage Conservation		<ul style="list-style-type: none"> • Construction of new buildings alongside existing buildings of heritage value 	<ul style="list-style-type: none"> • Diminished heritage value and unique character of UPV Iloilo City campus • Building designs don't conform to historic preservation guidelines of the UP Campus Development Principles and Design Guidelines (2014) • Setback is not followed for structures of heritage value 	<ul style="list-style-type: none"> • Have a Historical Overlay Zone in the proposed Campus Core. • Create a Conservation Management Plan for the Iloilo City Campus • Construction/repair jobs should conform to relevant laws and guidelines: • RA 10066 for the preservation of buildings of potential heritage value 50 years and above • the 2014 UP Campus Development Principles and Design Guidelines • the 2021 Biodiversity Management Plan of UP • Iloilo City's Zoning Ordinance • Make a Feasibility Study on adaptive reuse of buildings

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Sectors	Subsector	Concerns	Key Implications	Recommendations
Environment		<ul style="list-style-type: none"> Pruning of over-grown trees 	<ul style="list-style-type: none"> Limited area for organic composting Hazard to electric and telecom wires around the campus 	<ul style="list-style-type: none"> Explore ways of gathering and disposal of organic wastes from trees Coordinate with LGU for assistance in pruning trees adjacent to roads
Social	Research	<ul style="list-style-type: none"> Growing space needs for project-based research and public service initiatives. The existing Research Room in the CM building has an open layout and provides no privacy for individual work and group discussions 	<ul style="list-style-type: none"> Some project-based research is not housed in one building or in one room which restricts interaction among researchers Materials and equipment are not safe and secure 	<ul style="list-style-type: none"> Proper space/office allocation for additional rooms for project-based research. Rooms should have proper facilities for the temporary storage of materials and for holding individual and group activities.
	Teaching	<ul style="list-style-type: none"> Some classrooms do not have proper facilities for optimal learning 	<ul style="list-style-type: none"> Students may not experience optimal educational experience Faculty have to make bring their own equipment (e.g. projector), research materials), and provide alternatives in their teaching strategies 	<ul style="list-style-type: none"> Upgrade and introduce relevant up-to-date facilities thru donations and IGP activities as sources of funds

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Sectors	Subsector	Concerns	Key Implications	Recommendations
	Health	<ul style="list-style-type: none"> No appropriate building/space for HSU (temporarily housed in The Woman's Club Building) 	<ul style="list-style-type: none"> The building where the HSU is located has to be modified to conform to the medical and health standards of a school clinic Equipment for medical and dental clinics may be damaged when constantly moved whenever the space will be used for another purpose 	<ul style="list-style-type: none"> The HSU will be transferred to the New Administration Services building by 2023 where the allotted space already conforms to prescribed standards and guidelines
	Waste Management	<ul style="list-style-type: none"> Irregular collection of garbage by the LGU contractor No water treatment for wastewater prior to its discharge to city drainage 	<ul style="list-style-type: none"> Piling of waste in the MRF that can attract rodents or diseases caused by animals Contamination of Iloilo River nearby. 	<ul style="list-style-type: none"> Coordinate with LGU for the regular collection of garbage Construction of Sewage Treatment Plant

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3.4 Analysis of Existing Conditions of Facilities

Based on the hazard map, the majority of the UPV Iloilo City campus is moderately susceptible to flooding which occurs during a heavy downpour. Areas that are most affected when water stays for days are the Little Theatre area, a section of the campus where the Old High School Building and The Woman's Club are located, and the basement of the Old Iloilo City Hall.

Flooding around the Little Theatre disrupts access to the grounds since the water stays for several days. Meanwhile, stagnant water in the basement of the old building is a breeding ground for water-borne diseases.

The results of the risk assessment of structures in the fenced area of the city campus were based on the workshops with the Physical Infrastructure Committee using the Climate and Disaster Risk Assessment (CDRA) as a reference.

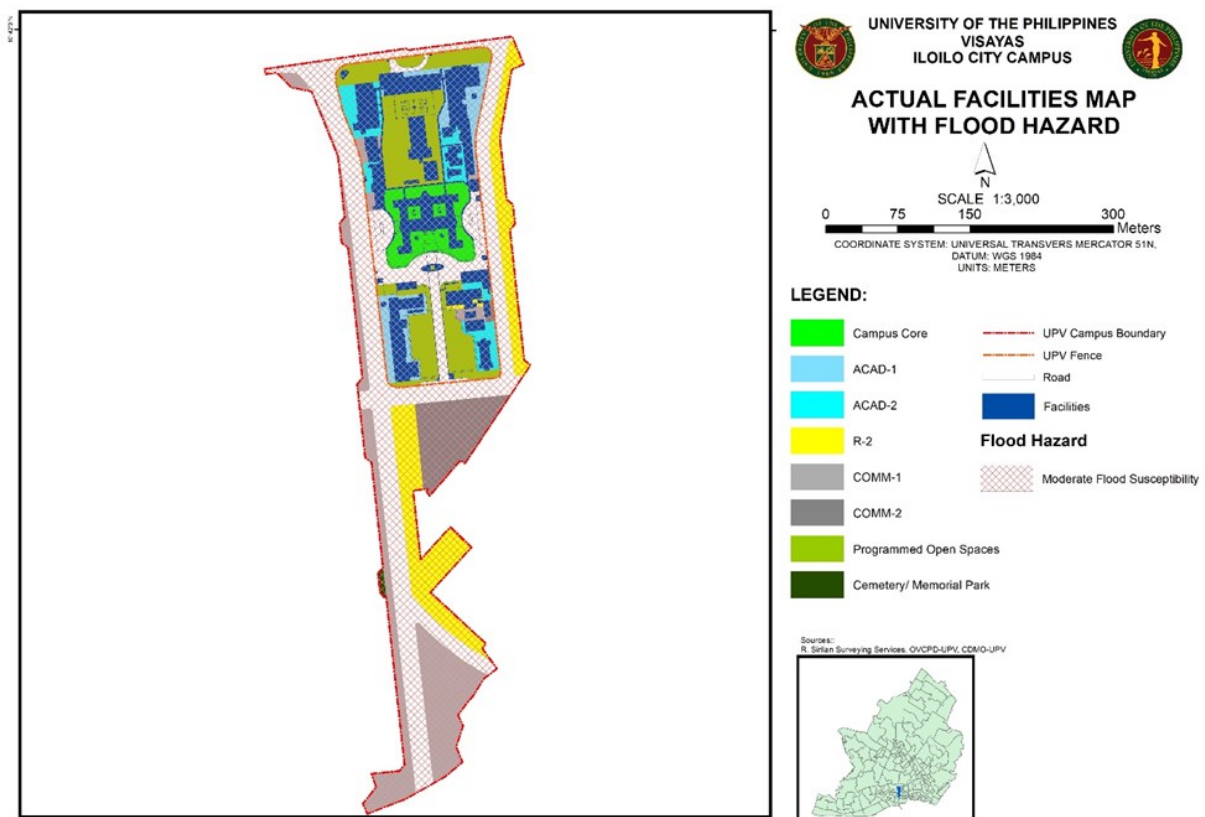


Figure 3.1 Actual Facilities with Flood Hazard Map in the UPV Iloilo City Campus.

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Table 3.5 Results of Risk Assessments of Facilities in the UPV Iloilo City Campus.

Name of Facilities	Age of Building/ Date of Construction	Building Condition	RISK CATEGORY			
			< 5 (Low), 5 to 11 (Moderate), 12 to 24 (High)			
			Flood	Ground Shaking	Liquefaction	Fire
1. UPV Main Building	1947-1948	GOOD	Moderate	Moderate	Low	Moderate
6. Learning Hub	2015	POOR	Moderate	Moderate	Low	Moderate
7. College of Management Building	2017	GOOD	Moderate	Moderate	Low	Moderate
22. Chemistry Building	1961	GOOD	Moderate	Moderate	Low	Moderate
23. Graduate Continuing Education Building	2000 - 2005	CRITICAL	Moderate	Moderate	Low	Moderate
25. UP High School Iloilo New Building	2010	Poor	Moderate	Moderate	Low	Moderate
26. UPHSI SHS Building	2020	Good	Moderate	Moderate	Low	Moderate
27. Pump House	2001	Good	Moderate	Moderate	Low	Moderate
31. Pre-Fab Building	1970	Critical	Moderate	Moderate	Low	Moderate
37. Power House II	2005 - 2006	Good	Moderate	Moderate	Low	Moderate
4. Admin. Services Building	2022	Good	Moderate	Moderate	Low	Moderate

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Name of Facilities	Age of Building/ Date of Construction	Building Condition	RISK CATEGORY			
			< 5 (Low), 5 to 11 (Moderate), 12 to 24 (High)			
			Flood	Ground Shaking	Liquefaction	Fire
10. UPV Cinematheque (Cinema Exmundo)	2010	Good	Moderate	Moderate	Low	Moderate
11. Gender Development Program Building	2007	Poor	Moderate	Moderate	Low	Moderate
18. Sentro ng Wika Building	2015	Good	Moderate	Moderate	Low	Moderate
19. Hofileña Building	1959-1960	Poor	Moderate	Moderate	Low	Moderate
21. Auditorium	1971-1972	Poor	Moderate	Moderate	Low	Moderate
28. The Woman's Club Building	1952	Critical	High	High	Low	Moderate
29. Old High School Building	1953	Poor	Moderate	Moderate	Low	Moderate
30. Student Lounge	2013	Good	Moderate	Moderate	Low	Moderate
32. Little Theater	1950	Good	Moderate	Moderate	Low	Moderate
36. Transformer Pad	2020	Good	Moderate	Moderate	Low	Moderate
5. Balay Ilonggo (Residence Hall)	1964-1965	Good	Moderate	Moderate	Low	Moderate
Lots along Ybiernas St.	1950s	---	Moderate	Moderate	Low	Moderate

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Name of Facilities	Age of Building/ Date of Construction	Building Condition	RISK CATEGORY			
			< 5 (Low), 5 to 11 (Moderate), 12 to 24 (High)			
			Flood	Ground Shaking	Liquefaction	Fire
Lots along Infante St. to Rizal St.	1950s	---	Moderate	Moderate	Low	Moderate
9. All UP Workers Alliance Building	2012 - 2013	Poor	Moderate	Moderate	Low	Moderate
17.P.A. Classrooms	1980s	Poor	Moderate	Moderate	Low	Moderate
20. University Cafeteria	1980s	Critical	Moderate	Moderate	Low	Moderate
40. UPV Consumers Coop Building	1960s	Critical	Moderate	Moderate	Low	Moderate
12.Storage/ Workshop	1986-1987	Critical	Moderate	High	Low	Moderate
39. CDMO Office	2021	Good	Moderate	Moderate	Low	Moderate
Outside Fence Area (City Engineer's Motor-pool)	1948					
2. UP Oblation	1970	Good	Moderate	Moderate	Low	Moderate
3. CM Lounge	2019	Good	Moderate	Moderate	Low	Moderate
8.Open Field	1940s	Good	Moderate	Moderate	Low	Moderate
14. Delgado St. Gate and Guard House	2019	Good	Moderate	Moderate	Low	Moderate

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Name of Facilities	Age of Building/ Date of Construction	Building Condition	RISK CATEGORY			
			< 5 (Low), 5 to 11 (Moderate), 12 to 24 (High)			
			Flood	Ground Shaking	Liquefaction	Fire
24. General Luna St. Gate and Guard House	2000	Poor	Moderate	Moderate	Low	Moderate
33. Basketball Court	1960	Poor	Moderate	Moderate	Low	Moderate
35. Power House	2001	Good	Moderate	Moderate	Low	Moderate
38. Parking (in front of Auditorium)	1980s	Good	Moderate	Moderate	Low	Moderate
42. Volleyball Court	2012	Poor	Moderate	Moderate	Low	Moderate
13. Avenue	2019	Good	Moderate	Moderate	Low	Moderate
15. Infante St. Gate and Guard House	2019	Good	Moderate	Moderate	Low	Moderate
16. Ybiernas St. Gate and Guard House	2019	Good	Moderate	Moderate	Low	Moderate
24. General Luna St. Gate and Guard House	2004	Poor	Moderate	Moderate	Low	Moderate
34. Landbank ATM	2000s	Good	Moderate	Moderate	Low	Moderate
38. Parking Space	No data	Good	Moderate	Moderate	Low	Moderate
41. SSF Building	2001	Poor	Moderate	Moderate	Low	Moderate

***GOOD** - Well Maintained, **POOR** - Needs Improvement, **CRITICAL** - Needs Priority Action, **NONE/ NO SUCH FACILITY**

Source: CLUP Guidebook Vol. 2 Ver. 2.3, page 239

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Based on the risk assessment in the table, all the structures inside the UPV Iloilo City campus are moderately at risk for flooding, ground shaking, severe wind, and fire hazards. Floodwater due to rain mostly stays in the low-lying areas of the lawn and below the old building mainly due to the drainage system connection with that of the city to effectively drain the area. Ground shaking, on the other hand, poses threat to old buildings and structures inside the campus but these structures have already gone assessment for appropriate action and safety of its users. Another natural hazard that moderately affects the facilities in the Iloilo City campus is occurrence of severe winds but fortunately the campus is surrounded by trees to deflect the wind. The trees are also pruned regularly to prevent unnecessary accidents when these events happen especially during typhoon season.

Apart from natural hazards, human-induced hazards such as fire is a threat to heritage buildings and their contents. Wilson (2016) concludes that no institution is immune from fire. The damage to the structure most often is beyond repair. Unlike floods, fire can spread in a building quickly and may damage adjacent buildings and properties.

More than the valuable heritage structures, protecting the lives of the staff in students are a priority. The UPV city campus continuously updates its fire prevention guidelines and maintenance to ensure the safety of the facilities and its constituents. The proposed land use plan ensures that quick response time if needed shall be done to safeguard lives and properties.

Table 3.6 Results of Risk Assessment of Lifeline Utilities in the UPV Iloilo City Campus.

Name of Utilities	RISK CATEGORY			
	<5 (low), 5 to 11 (moderate), 12 to 24 (high)			
	Flood	Ground Shaking	Liquefaction	Fire
Roads/Oblation Avenue	Moderate	Moderate	Moderate	Low
Electric Generators	Moderate	Moderate	Moderate	High
Drainage System	Moderate	Moderate	Moderate	Low
Sanitary System	Moderate	Moderate	Moderate	Low
Waterline System (including pump rooms)	Moderate	Moderate	Moderate	Low
Electrical Posts/ Stations	Moderate	Moderate	Moderate	High
Fiber Optic Network	Moderate	Moderate	Moderate	High

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CHAPTER 4: Policies, Guidelines, and Proposed Land Use

This chapter discusses the policies and policies of UPV that will inform and guide the institution on future development decisions and projects in the Iloilo City campus. These policies and principles are based on the analysis of existing conditions in the earlier chapter. The University Development Principles and Design Guidelines (2014) and the Biodiversity Management Handbook (2021) will also provide direction in developing the resources in the city campus in a systematic and well-planned manner in accordance with UPVs' mandate. The Zoning Ordinance of Iloilo City for Heritage Zones (Zoning Ordinance 2021-2030) was also used as a reference in drafting the Historical & Tourism District Overlay Zone guidelines. An equally important document is the 1948 Deed of Donation which has provisions of how the lots shall be used by the university. These policies and guidelines translate the vision of the university and respond to the concerns of UPV in physical forms.

In essence, the Iloilo City campus, as one of the heritage sites in Western Visayas, weighs up its development in adherence to the city's heritage advocacy for the preservation of important historical structures. This means that low-rise (5 storeys or less) buildings shall be maintained within the 4-hectare prime property lot in view of the sightline of the Old City Hall which has been declared as a national heritage site by the National Historical Commission of the Philippines. Moreover, the future development and rehabilitation of the infrastructures will take into consideration the conformity to the One UP concept and heritage characteristics of Iloilo City. The guidelines presented here also emphasize the protection of biodiversity on the city campus. The university also asserts its rights to develop properties outside the fenced area.

4.1 Policies

Policies on Master Development Plan

1. University System Component Core Integrity

Institutional Autonomy and Accountability. Exercise the University's right to determine the nature and direction of the development of its lands in order to effectively respond to and accommodate the academic needs of its constituents. Greater autonomy with increased accountability allows the University to improve institutional quality and strategic management capacity (UP-OVPD, p.8).

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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 (UP-OVPD, p.8).

Pedestrian and Bicycle 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 (UP-OVPD, p.8).

2. Urban Resiliency and Sustainability

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 (UP-OVPD, p.8).

Operational Efficiency. Formulate policies and programs that mandate or provide incentives to constituent units that implement energy efficiency programs in their utility operations, thereby reducing total energy expenditures and improving energy efficiency awareness system-wide. Incorporate innovative energy efficiency technologies in the overall building and utility design and planning to achieve improvements in utility generation, transmission, and distribution (UP-OVPD, p.9).

One University Concept. Set a common architectural character for sites and buildings while factoring in exceptional contexts of each constituent unit. Formulate standards, harmonized systems, and shared services across constituent units with decentralized execution (UP-OVPD, p.8).

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 UP (UP-OVPD, p.8).

Cultural Heritage Preservation. Preserve the University's tangible culture such as buildings and works of art, and natural heritage such as landscapes and biodiversity (UP-OVPD, p.9).

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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 Iloilo City campus 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 (UP-OVPD, p.10).

3. Spatial and Virtual Connectivity and Mobility

Hierarchy of Discourse Areas. Create venues for speech and discourse of various settings and sizes within buildings and sites in the UP Visayas Iloilo City 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 (UP-OVPD, p.8).

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 (UP-OVPD, p.9).

Protection and Enhancement of Wildlife. Overlay protected zones in the existing land use plans of the constituent 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 (UP-OVPD, p.9).

Promotion of Urban Agriculture. Contribute to food security and food safety, through bio-intensive and energy-saving food production methods in non-productive land areas, by increasing the amount of food available, such as fresh vegetables and fruits; fish, and meat products, to campus constituents and other people living in the vicinity (UP-OVPD, p.9).

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4. Resource Generation Viability

Tourism Promotion and Development. Formulate a tourism program for the UP Visayas Iloilo City Campus: identify potential tourism spots within the Campus; develop these areas as prime tourist destinations and organize tourism events with the constituent units' respective communities (UP-OVPD, p.9). These tourism events have embedded educational and/or research intentions as well.

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.

5. Univer-City Synergy

Consultative Planning. The process and the output 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 (UP-OVPD, p.10).

Contextualism and Urban Integration. Consider the unique setting of each site and ensure that designs respond successfully to their surroundings. Create plans– site, architectural, engineering and landscape– that respect the topography and environment, and which blend well with the natural physical and existing built-up features of the site. Enhance the existing links of the university site to its neighboring properties, and provide a continuous linkage inside (UP-OVPD, p.8).

Social Responsibility. Be sensitive to the basic needs of the country, and in particular, the basic needs of the communities surrounding the campuses. Development in the University shall adhere to the principles of Gender and Development as well as Inclusive Growth or sustained growth that creates jobs, draws the majority into the economic and social mainstream, and continuously reduces mass poverty (UP-OVPD, p.9).

Symbiotic Existence. Accommodate University-accredited residents who will service the University and its constituents in various capacities for a limited period according to existing laws and regulations (UP-OVPD, p.9).

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4.2 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.

Historical and District Zone Overlay

The strategies for historic structures are:

1. to preserve existing historic structures;
2. to harmonize the design and construction of new ones with the design of historic structures; and,
3. to protect the sightline of the Old City Hall that has been declared as a national heritage site by the National Historical Commission of the Philippines.

The allowable uses are:

1. For buildings declared as of national heritage, the allowable uses mentioned in the guidelines of the National Historical Commission of the Philippines (NHCP) shall be applied, by virtue of the National Heritage Act (RA 10066).

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2. For locally-declared heritage buildings, adaptive reuse or repurposing of buildings shall be limited to:
 - Exhibit area
 - Art gallery
 - Shops, restaurants, craftsmen’s workshops, and retail outlets
 - Library, museum, exhibit area, art gallery
 - Coffee shops
 - Offices
 - Co-working stations and internet café
 - Auditorium/Theater/entertainment facility
 - Training facility
 - Cultural/educational center

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.
3. The height restriction in the city campus shall be 5 storeys or below to protect the sightline of a national heritage site (Old City Hall) within the 4-hectare property.
4. All other relevant prohibitions as may be stipulated in pertinent issuances of the university, the LGU, or laws shall be applied.

For locally-declared heritage structures

1. Secure conservation clearance from the pertinent office.
2. Repair and renovation work, including building and landscape, shall ensure that the original architectural design is maintained based on a systematic assessment of the structure.

For new construction within heritage sites

Designs, including buildings and landscapes, shall take inspiration from the period designs of the declared sites.

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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, microclimates 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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4.3 Proposed Land Uses

A bubble diagram was made for the Iloilo City campus to show the functional areas on campus for the development of an architectural plan.

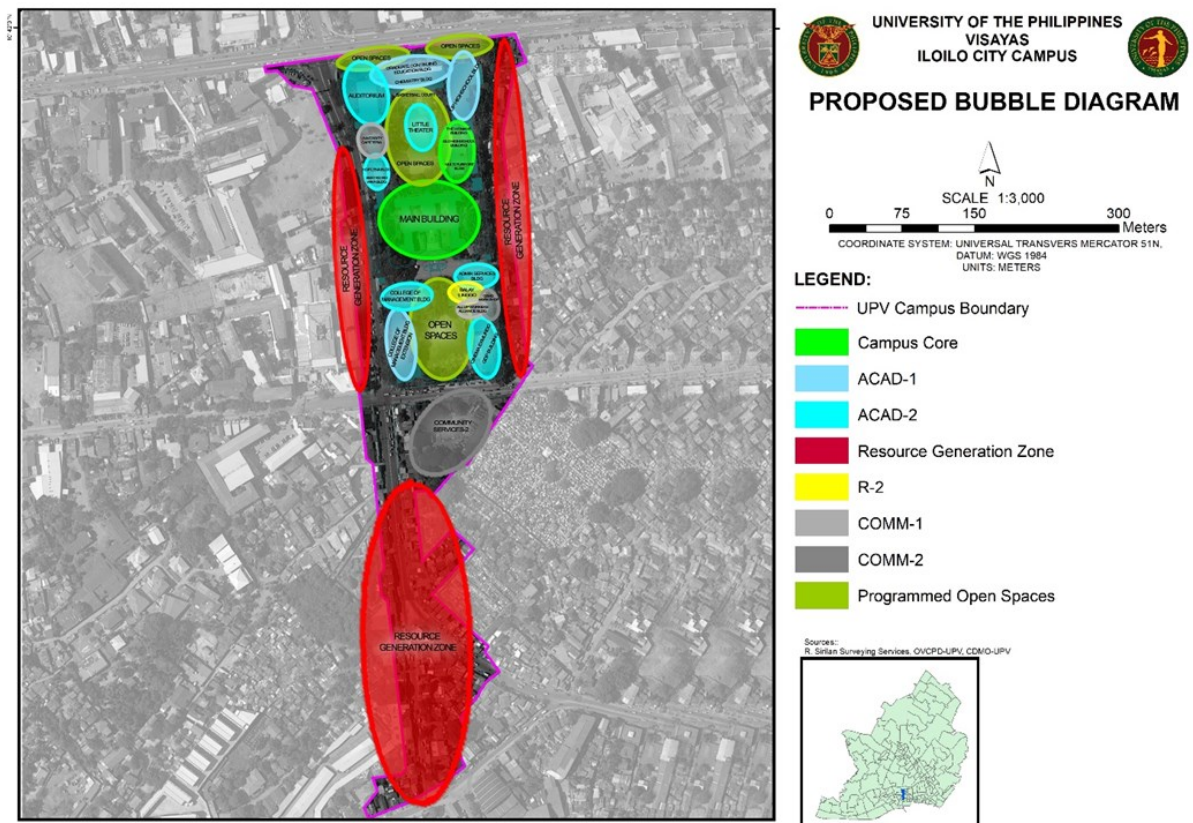


Figure 4.1 Proposed Bubble Diagram for Iloilo City Campus

Based on the bubble diagram and on the proposed land use of Iloilo City, the following land uses are suggested for the Iloilo City campus to organize the campus into a well-defined community.

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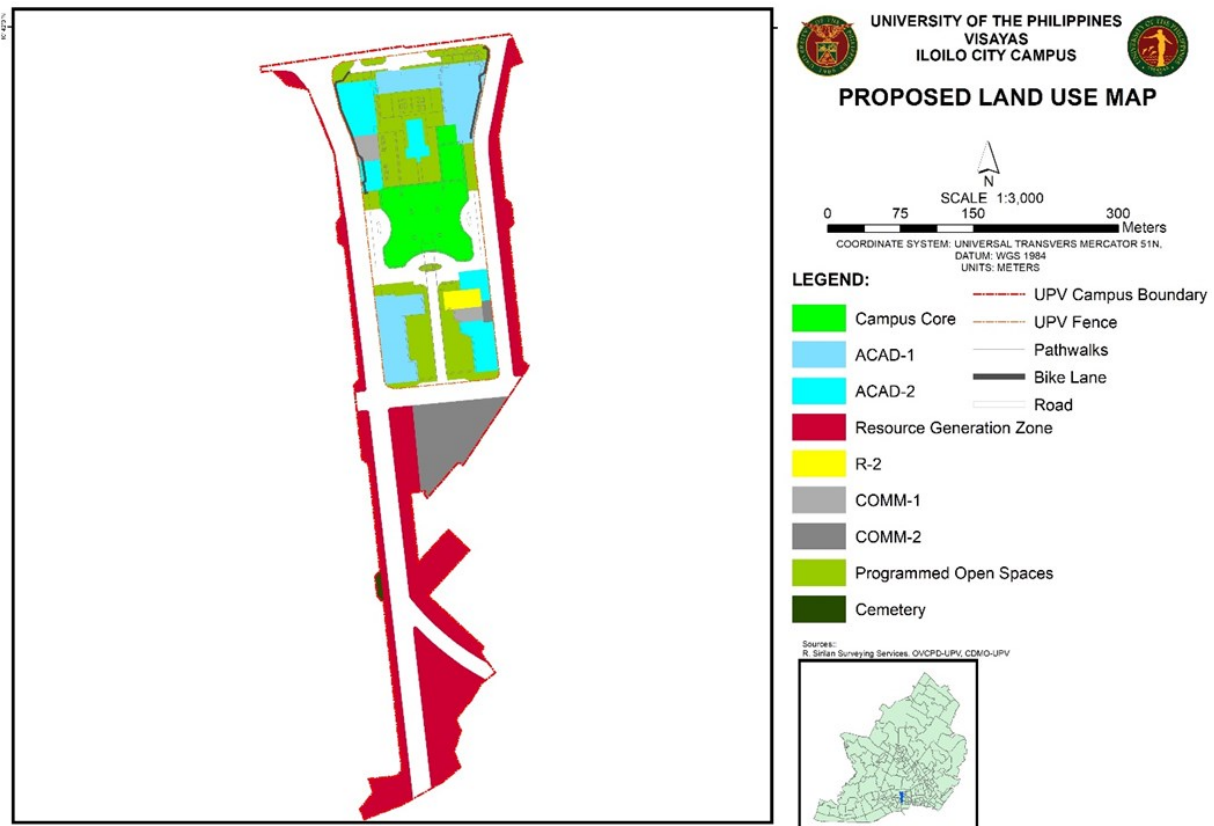


Figure 4.2 Proposed land use map of the UPV Iloilo City campus.

The table below shows the various land use classifications according to BOR-approved, actual, and proposed uses. It also shows the actual and proposed facilities. With the transfer of the College of Management to the Miagao campus, the population is expected to decrease in the city campus and no additional academic or dormitory buildings will be constructed in the Iloilo City campus.

The land uses were based on the following considerations:

1. Actual land use
2. Proposed land use plan of the LGU Iloilo City
3. Plans for the city campus according to the vision of and strategic direction for UPV
4. Compatible uses of adjacent buildings and areas inside the fenced area
5. Provisions in the 1948 Deed of Donation
6. Stakeholder consultations (e.g. with UP/UPV constituents, officials from the LGU and NGAs)

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Table 4.1 Comparison of BOR-Approved, Actual, and Proposed Land Uses with Corresponding Facilities

LAND USE CLASSIFICATION	BOR APPROVED (2011)	ACTUAL LANDUSE		PROPOSED LANDUSE	AREA (SQ.M.)	
	ACTUAL AREA (SQ.M.)	LIST OF EXISTING FACILITIES Reference: Actual Facilities Map (2021)	ACTUAL AREA (SQ.M.)	LIST OF EXISTING FACILITIES Reference: Proposed Facilities Map (2021)		
Campus Core		1. UPV Main Building	6,641.328	1. UPV Main Building		
				28. The Woman's Club Building		
				29. Old Highschool Building		
				30. Student Lounge		
Academic/Academic Support						
ACAD-1	7,920.197	6. Techno Park	8,243.703	6. Techno Park		
				7. College of Management Building		7. College of Management Building
				22. Chemistry Building		22. Chemistry Building
				23. Graduate Continuing Education Building		23. Graduate Continuing Education Building
				25. UP Highschool Iloilo New Building		25. UP Highschool Iloilo New Building
				26. UPHSI SHS Building		26. UPHSI SHS Building
				27. Pump House		27. Pump House
				31. Pre-Fab Building		37. Power House II
				37. Power House II		43. Bike lane

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LAND USE CLASSIFICATION	BOR APPROVED (2011)	ACTUAL LANDUSE		PROPOSED LANDUSE	AREA (SQ.M.)
	ACTUAL AREA (SQ.M.)	LIST OF EXISTING FACILITIES Reference: Actual Facilities Map (2021)	ACTUAL AREA (SQ.M.)	LIST OF EXISTING FACILITIES Reference: Proposed Facilities Map (2021)	
ACAD-2	1,807.384	4. Admin. Services Building	7,176.755	4. Admin. Services Building	
		10. UPV Cinematheque (Cinema Exmundo)		10. UPV Cinematheque (Cinema Exmundo)	
		11. Gender Development Program Building		11. Gender Development Program Building	
		18. Sentro ng Wika Building		18. Sentro ng Wika Building	
		19. Hofileña Building		19. Hofileña Building	
		21. Auditorium		21. Auditorium	
		28. The Woman's Club Building		32. Little Theater	
		29. Old Highschool Building		36. Transformer Pad	
		30. Student Lounge		43. Bike lane	
		32. Little Theater			
Resource Generation Zone		36. Transformer Pad		47. Transformer Pad	
				Along Infante Street	
				Along Ybiernas Street	
			Along Rizal Street		

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LAND USE CLASSIFICATION	BOR APPROVED (2011)	ACTUAL LANDUSE		PROPOSED LANDUSE	
	ACTUAL AREA (SQ.M.)	LIST OF EXISTING FACILITIES Reference: Actual Facilities Map (2021)	ACTUAL AREA (SQ.M.)	LIST OF EXISTING FACILITIES Reference: Proposed Facilities Map (2021)	AREA (SQ.M.)
Residential / Mixed-use Zone	11,519.912				
R-2		5. Balay Ilonggo (Residence Hall)	11,855.809	5. Balay Ilonggo (Residence Hall)	
		Along Ybiernas St.		49. CDMO Office	
		Along Infante St. to Rizal St.			
Community Services					
COMM-1		9. All UP Workers Alliance Building	14,185.5951	9. All UP Workers Alliance Building	
		17.P.A. Classrooms		20. UPV Alumni Center	
		20. University Cafeteria			
		40. CO-OP building			
		Along Infante St. to Rizal St.			
COMM-2		12.Storage/ Workshop	5,754.021	12.Storage/ Workshop	
		39. CDMO Office		44. Materials Recovery Facility	
		Outside Fence Area (City Engineer's Motorpool)		51. Network Operation Center (NOC)	
				Outside Fence Area (City Engineer's Motorpool)	
Programmed Open Spaces	16,971.376	2. UP Oblation	12,989.521	2. UP Oblation	
				3. CM Lounge	
				8. Open Field	
				14. Delgado St. Gate and Guard House	
				24. General Luna St. Gate and Guard House	

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LAND USE CLASSIFICATION	BOR APPROVED (2011)	ACTUAL LANDUSE		PROPOSED LANDUSE	AREA (SQ.M.)
	ACTUAL AREA (SQ.M.)	LIST OF EXISTING FACILITIES Reference: Actual Facilities Map (2021)	ACTUAL AREA (SQ.M.)	LIST OF EXISTING FACILITIES Reference: Proposed Facilities Map (2021)	
		33. Basketball Court		31. Open Space Area	
		35. Power House		33. Basketball Court	
		38. Parking		35. Power House	
		42. Volleyball Court		39. Activity Area 1	
				40. Activity Area 2	
				41. Activity Area 3	
				42. Open Space	
				45. Sewage Treatment Plant	
				46. Cistern (Rain Water Harvester)	
				48. Sub-Station	
				50. General Luna St. Service Gate	
Cemetery		Along Infante St.	160.088		160.088
Road - Fenced Area	8,984.922	13. Avenue	5,934.681	13. Avenue	6,745.39
		15. Infante St. Gate and Guard House		15. Infante St. Gate and Guard House	
		16. Ybiernas St. Gate and Guard House		16. Ybiernas St. Gate and Guard House	
		17. Parking Area		17. Parking Area	
		24. General Luna St. Gate and Guard House		34. Landbank ATM	
		34. Landbank ATM			
		38. Parking Space			
		41. SSF Building			
Road - Outside Fenced Area	26,716.785		26,716.785		26,552.03
Sports / Recreation / Arts	7,349.073				
INSTITUTIONAL	10,778.613				
Science and Technology Park	7,610.024				
TOTAL	99,658.286		99,658.286		99,658.286

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Historical Overlay Zone

This overlay zone includes historically significant structures and buildings, which are preserved and developed for tourism purposes. As an overlay zone, it has specific policies & guidelines when it comes to its development. The UPV Iloilo City campus, being the site of the old municipal of Iloilo City, is of historical importance itself. The Old City Hall designed by the Filipino architect Juan Arellano has been declared a structure of national heritage and was designed by the Filipino Architect Juan Arellano. Apart from the Old City Hall, the Old High School Building (currently occupied by the Health Services Unit) and The Woman's Club (currently used by the Office of Students Affairs) were built in 1952 and 1953 respectively, and are of American *tsalet* architectural design. Both buildings will undergo renovations for adaptive reuse. These groups of buildings contribute to the campus' heritage importance and unique character making them historic centers in Iloilo City.

Campus Core

The campus core is the unifying element found in every UP campus. It is a cluster of heritage structures and significant elements are preserved as an essential reference for future development. The proposed Iloilo City campus core will increase its areas consisting of the Old City Hall, the UP oblation, and the university avenue, the redevelopment site in the Woman's Club Building, and the Student Lounge.

Academic Zone

This zone refers to clusters of buildings or areas where academic teaching and research activities are conducted. This zone shall include the Senior High School Building, the New High School Building, the Graduate and Continuing Education Building (GCEB), the Chemistry Building, Hofileña Building, and the College of Management Building. This zone will decrease due to the proposed demolition of the Public Administration (PA) Rooms and the High School Prefab Building.

The area occupied by the PA rooms can be used as a future site either as additional space or as storage area for artworks donated to the university.

The area occupied by the PA rooms can be used as a future site either as additional space or as storage area for artworks donated to the university.

Academic Support Zone

This is composed of research and extension services managed by different disciplines to enhance the networking functions of the colleges. Part of the academic support zone will be the Sentro ng Wikang Filipino, the UPV Auditorium, UPV Cinematheque, the Office of Student Affairs, the UPV Little Theatre, and the Gender and Development Building.

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Residential Zone

This is an area on campus that is intended for residential needs and related activities of students, faculty, and staff. The actual size of the area will be reduced because of the exclusion of areas outside the fenced area that will be designated as the Resource Generation Zone. Balay Ilonggo will be the main residence hall for students (RES-2) for the next ten years. The College of Management will transfer to the Miagao campus. Also, there are numerous affordable boarding houses and apartments adjacent to the campus and around Iloilo City. Thus, there will be no construction of a student dormitory in the next few years.

Community Services Zone

COMM 1

This is an area for facilities that support the communal needs of the students, faculty, staff, and their immediate families. This will decrease in size and will only include the All-UP Workers Alliance Building and the Alumni Center in the proposed land use plan.

COMM 2

This refers to community services that provide maintenance and security to the facilities of the university. The size of the area will be maintained in the proposed land use plan.

This consists of the CDMO Workshop area, the Materials Recovery Facility area, and Iloilo City's Disaster Risk Reduction and Management Command Center (formerly used as the City Engineer's Motorpool).

Programmed Open Spaces

This refers to green open spaces within the campus for active and passive activities such as sports, gathering, studying, and meditation. There will be a small increase in the area and will include the following in the proposed land use plan the UP Oblation, CM Lounge, Open Field, Delgado St. Gate, and Guard House, General Luna St. Gate and Guard House, Basketball Court, Power House, Activity Area 1, Activity Area 2, Activity Area 3, Open Space, Sewage Treatment Plan, Cistern (Rain Water Harvester), Sub-Station, and the General Luna St. Service Gate.

Resource Generation Zone

The Resource Generation Zones generate resources for both income and knowledge-based for the benefit of its constituents. While the Iloilo City LGU has zoned certain areas outside the fenced area of the city campus for commercial and institutional uses, the university will zone these areas as RGZ to be compatible with the city LGU's zoning classification and to adhere to the provisions set in the 1948 Deed of Donation. These areas are located along Infante Street, Ybiernas Street, and Rizal Street.

The Science and Technology (S & T) Park will not be pursued on the Iloilo City campus. There are land titling issues in the Iloilo City properties, apart from the presence of occupants and structures in the area. These concerns make it difficult to establish an S & T Park on the city campus. However, an S & T Park will be planned for the Miagao campus where there is sufficient space for 25 hectares under the PEZA requirement .

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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 Iloilo City campus, the identified Programs, Projects, and Activities (PPAs) come from several references: priority projects from previous years that have yet to be funded, the investment programming workshop with university officials and other stakeholders, and the strategic directions of the UP president and of the UPV. 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) Identified

There are three proposed projects identified for funding in the Iloilo City campus. The project on the upgrading of primary metering and transformers has been identified in previous years but has yet to be funded. This project is important in providing a direct electrical connection for the operationalization of the new Multi-Purpose (UPHSI) Buildings Annex 1 and Annex 2. The project will also address the power requirement of other facilities on the campus. This upgrading project is included for consideration in the CY 2023 GAA Budget Preparation.

Two projects identified by a group of UPV alumni are the preservation of two structures of heritage significance through an adaptive reuse approach. These two projects were initiated by the UPIC Class of 1965 in the last quarter of 2020. The Chancellor has formed two committees that assessed the physical condition and documented the historical development of the buildings. The alumni Class of 1965 has committed to help raise funds for the adaptive reuse of the Old High School Building and The Woman's Club Building in UPV Iloilo City Campus. See table for details.

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Table 5.1 Details of PPAs for Funding

PROJECT NO.	PROJECT NAME	ESTIMATED COST (PHP)	LAND USE CLASSIFICATIONS
BUILDING AND STRUCTURE OUTLAY (BSO)			
1	Adaptive Reuse of the Old High School Building (Project Handumanan: Building Heritage, Bridg-	15,668,000	Historical and Tourism District
2	Adaptive Reuse of The Woman's Club (Project Handumanan: Building Heritage, Bridging Gen-	9,372,000	Historical and Tourism District
LAND AND LAND IMPROVEMENTS (LLI)			
3	Upgrade to Primary Metering & Transformers 1 & 2 for Iloilo City Campus (General Luna Street area) to cater UPHSI Building, Multi-Purpose Buildings 1 &2, GCEB, OSA, HSU, Auditorium, and Little Theatre	14,000,000	Community Service COMM-2
TOTAL		39,040,000	

Source: CY2023 GAA Budget Preparation

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.

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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.

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

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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)

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.

5.4 Results of the Investment Programming Workshop in September 2021

NEW INFRASTRUCTURE PROJECTS

Short-term (up to 3 years)

1. Adaptive Reuse of the Old High School Building (Project Handumanan: Building Heritage, Bridging Generations).
2. Adaptive Reuse of The Woman's Club (Project Handumanan: Building Heritage, Bridging Generations).

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Medium-term (4 to 6 years)

- Construction of case rooms
- Construction of College production room and acquisition of green room video recording equipment
- Construction of a UPV Alumni Center and Cafeteria

LAND AND LAND IMPROVEMENTS

Short-term (up to 3 years)

- Establishment of Path Walks (campus circulation) and fire hydrants and construction of gate (OVCPD/OVCA)

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 Briefs

Table 5.2 Project Brief for the Old High School Building

Items	Description
Project Title	Adaptive Reuse of the Old High School Building (Project Handuman: Building Heritage, Bridging Generations)
Brief Description of Project	<p>The one-storey structure was built around 1954 and is of the American Chalet architectural style. It was first used as a cafeteria, then in classrooms and high school faculty room. Later, the building was used as a storage room for artworks donated to UPV, as a computer room, and as a faculty room. Over time, the building has added materials that were not in the original design. A few original materials were also replaced. In 2015, the Iloilo City-DPWH made renovations to the building. At present, the building is used by the Health Services Unit which primarily serves UPV faculty, students, and staff.</p> <p>Based on the assessment made by the Physical Assessment Team under Project Handumanan, the building is in need of repair and refurbishments to be ready for the proposed new functions and other basic services, e.g., telecommunications.</p> <p>The Historical Documentation Team is documenting the cultural significance of the buildings to users across generations.</p>
Main Proponent	UPV, Office of the Chancellor
Project Category	Infrastructure
Location	UPV Iloilo City Campus
Project Demands on the Natural Resources	None
Risk from the Environment/ Human Made Hazards	Minimal to none. No trees will be cut. Occupational health and safety hazards policies will be strictly observed.
Project Duration	At most 12 months
Project Beneficiaries	UP and non-UPV constituents
Is a formal Feasibility Design Study Required?	N/A

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Items	Description
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 9,372,000.00
Proposed Funding source/s	National agency funds to be complemented by UP system funds
Objectives	To develop both one-storey buildings into professional event areas for exhibits and small-group meetings. To renovate the two buildings into professional event areas with a mix of traditional style American chalet for UPV and non-UPV constituents.
Success Indicators	Number of relevant professional events held Number of visits from UPV, local people, and tourists Number of meetings held
External Factors or External Factors that could frustrate the realization of the project	Although there are qualified people that will implement the projects, a 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. The collaboration will also be explored for resource generation purposes.

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Table 5.3. Project Brief for The Woman’s Club

Items	Description
Project Title	Adaptive Reuse of The Woman's Club (Project Handumanan: Building Heritage, Bridging Generations)
Brief Description of Project	<p>The one-storey structure was built around 1954 and is of American Chalet architecture. It was first used as a lounge area for women students. Over time, the building has added materials that were not in the original design. A few original materials were also replaced.</p> <p>At present, the building is used by the Office of Students Affairs which primarily serves UPV faculty, students, and staff.</p> <p>The building has not undergone any major repair or renovation. Based on the assessment made by the Physical Assessment Team under Project Handumanan, the building is in need of repair and refurbishments to be ready for the proposed new functions and other basic services, e.g., compliance with the Accessibility Law and telecommunications.</p> <p>The Historical Documentation Team is documenting the cultural significance of the buildings to users through time.</p>
Main Proponent	UPV, Office of the Chancellor
Project Category	Infrastructure
Location	UPV Iloilo City Campus
Project Demands on the Natural Resources	None
Risk from the Environment/ Human Made Hazards	Minimal to none. No trees will be cut. Occupational health and safety hazards policies will be strictly observed.
Project Duration	At most 12 months
Project Beneficiaries	UP and non-UPV constituents
Is formal Feasibility Design Study Required?	N/A

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Items	Description
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 15,668,000.00
Proposed Funding source/s	National agency funds to be complemented by UP system funds
Objectives	To develop both one-storey buildings into professional event areas for exhibits and small-group meetings. To renovate the two buildings into professional event areas with a mix of traditional style American chalet for UPV and non-UPV constituents.
Success Indicators	Number of relevant professional events held Number of visits from UPV, local people, and tourists Number of meetings held
External Factors or External Factors that could frustrate the realization of the project	Although there are qualified people that will implement the projects, a 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. The collaboration will also be explored for resource generation purposes.

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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.

Table 5.4 Proposal Form of Capital Outlay for Infrastructure

Proposing Unit		
1.	Date of Submission	19 November 2021
2.	Name of Proposing Unit	Office of the Chancellor
	Contact Person	Prof. Clement C. Camposano, Ph.D. Chancellor
	Contact Details	Email Addresses: oc.upvisayas@up.edu.ph Telephone No. (033)315-9378
	<i>For Academic Units</i>	
	Current Number of Students	1,342 (<i>Iloilo City-based students</i>)
	Current Number of Personnel	45 (<i>Faculty members, Staff, and REPS</i>)

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Project Brief

3.	Project Title	ADAPTIVE REUSE OF THE OLD HIGH SCHOOL BUILDING (Project Handumanan: Building Heritage, Bridging Generations)
4.	Background of the Project	<p>The building reflects postwar architecture – American Chalet - that was prevalent in Iloilo during the reconstruction period. Both structures were built in 1954.</p> <p>The Old High School building served as the structure that was utilized by the high school in the early days of the University in Iloilo and has since become iconic. UPHSI is one of three high schools in the UP System.</p> <p>The city campus has lacked small venues for holding arts and culture exhibits and spaces for meetings, specifically for the alumni. The repurposing of the Old High School Building into an Alumni Gallery, a coffee shop that sells UPV merchandise and local products, and space for small-group meetings will address the University’s need for such spaces.</p>
5.	Project Purpose	<p>The structure built in the early 1950s and of American Chalet design will be repurposed into art galleries. The building is currently used by the Health Services Unit (The Old High School Building). The administration intends to make the building be declared as of local heritage value. The Old High School building served as the structure that was utilized by the high school in the early days of the University in Iloilo and has since become iconic. UPHSI is one of three high schools in the UP System.</p>
6.	Proposed Budget	PHP 15,668,000.00
7.	Proposed Implementation Schedule	300 calendar days

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Existing Conditions		
8.	Inventory/ Assignment of Spaces (e.g., number of classrooms, labs, offices, CRs, etc.)	
9.	List of Ongoing Infrastructure Pro- jects	<ol style="list-style-type: none"> 1. Construction of School of Technology Building, (Phase III), UP Visayas, Miagao Campus, Miagao, Iloilo (GAA 2019 – PHP30M) 2. Design-Build Services Financial Requirements for the Initial Offering of Fisheries Courses in Antique, UP Visayas Extension Campus in Antique, Brgy. Nauring, Pandan, Antique (GAA 2019 - PHP50M) 3. Design & Build Services for the Strengthening the Philippines Tourism Industry Through the UPV'S Center for Heritage, Culture & Performing Arts, UP Visayas Iloilo City Campus, Iloilo City (CHED 2019 – PHP13.7M) 4. Detailed Architectural Engineering Design Services for the UP Visayas Watersports Training Facility, UP Visayas Miagao Campus, Miagao, Iloilo (2019-UPS-RF – PHP5.970M) 5. Design of the New Main Library and Construction of Phase I, UP Visayas Miagao Campus, Miagao, Iloilo (GAA 2017 – PHP146M) 6. Proposed Rehabilitation/Repair and Perimeter Fencing of the Diwata Aquascape Building, UP Visayas Miagao Campus, Miagao, Iloilo (UPS GAA 2020 – PHP2.4M) 7. Construction of the Proposed Administration Services Building Phase I, UP Visayas Iloilo City Campus, Iloilo City (2017-UPS-RF – PHP25M)

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Possible Funding Sources		
10.	Status of UGTFI/GTFI on the date of proposal submission	None
11.	Status of Proposing Unit's Trust Fund on the date of proposal submission	None
12.	Name of Foundation	None
	Existing Funds (Balance) on the date of proposal submission	None

Table 5.5 Project Brief for Adaptive Reuse of the Old High School Building

Project Brief		
3.	Project Title	ADAPTIVE REUSE OF THE OLD HIGH SCHOOL BUILDING (Project Handumanan: Building Heritage, Bridging Generations)
4.	Background of the Project	<p>The building reflects postwar architecture – American Chalet - that was prevalent in Iloilo during the reconstruction period. Both structures were built in 1954.</p> <p>The Old High School building served as the structure that was utilized by the high school in the early days of the University in Iloilo and has since become iconic. UPHSI is one of three high schools of the UP System.</p> <p>The city campus has lacked small venues for holding arts and culture exhibits and spaces for meetings, specifically for the alumni. The repurposing of the Old High School Building into an Alumni Gallery, a coffee shop that sells UPV merchandise and local products, and a space for small-group meetings will address the University's need for such spaces.</p>
5.	Project Purpose	The structure built in the early 1950s and of American Chalet design will be repurposed into art galleries. The building is currently used by the Health Services Unit (The Old High School Building). The administration intends to make the building be declared as of local heritage value. The Old High School building served as the structure that was utilized by the high school in the early days of the University in Iloilo and has since become iconic. UPHSI is one of three high schools of the UP System.
6.	Proposed Budget	PhP 15,668,000.00
7.	Proposed Implementation Schedule	300 calendar days

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Existing Conditions		
8.	Inventory/ Assignment of Spaces (e.g. number of classrooms, labs, offices, CRs, etc.)	No data
9.	List of Ongoing Infrastructure Projects	None
Possible Funding Sources		
10.	• Status of UGTFI/GTFI on the date of proposal submission	None
11.	1• Status of Proposing Unit's Trust Fund on the date of proposal 2 submission	None
12.	1• Name of Foundation	None
	3 • Existing Funds (Balance) on the date of proposal submission	None

Required Attachments:

1. Site Map indicating the following information:
 - a. Identified site for the project
 - b. Indicative footprint of the building (in square meters)
 - c. Number of trees in the identified area (preferably identifying the species)
 - d. Potential sewage disposal location
 - e. Bodies of water that may be affected
 - f. Nearest tapping points for electricity and water
2. Schematic Diagrams
3. Perspectives
4. Review and favorable endorsement from the Office of the Campus Architect (OCA) or equivalent unit
5. Favorable endorsement from the Office of the Chancellor

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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.

Table 5.6 Proposal Form of Capital Outlay

Proposing Unit		
1.	Date of Submission	19 November 2021
2.	Name of Proposing Unit	Office of the Chancellor
	Contact Person	Prof. Clement C. Camposano, Ph.D. Chancellor
	Contact Details	Email Addresses: oc.upvisayas@up.edu.ph Telephone No. (033)315-9378
	<i>For Academic Units</i>	
	Current Number of Students	1,342 (<i>Iloilo City-based students</i>)
	Current Number of Personnel	45 (<i>Faculty members, Staff, and REPS</i>)

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Project Brief		
3.	Project Title	Adaptive Reuse of The Woman's Club (Project Handumanan: Building Heritage, Bridging Generations)
4.	Background of the Project	<p>The building reflects postwar architecture – American Chalet - that was prevalent in Iloilo during the reconstruction period. Both structures were built in 1954.</p> <p>The Woman's Club building is the first of its kind in a school in Iloilo and reflects the pioneering initiative of the University toward women's rights.</p>
5.	Project Purpose	The structure built in the early 1950s and of American Chalet design will be repurposed into an art gallery. The building is currently used by the Office of Student Affairs (The Woman's Club). The administration intends to make the building be declared as of local heritage value. The city campus has lacked small venues for holding arts and culture exhibits and spaces for meetings, specifically for the alumni. The repurposing of the Old High School Building into an Alumni Gallery, a coffee shop that sells UPV merchandise and local products, and space for small-group meetings will address the University's need for such spaces.
6.	Proposed Budget	PHP 9,372,000.00
7.	Proposed Implementation Schedule	240 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	<ol style="list-style-type: none"> 1. Construction of School of Technology Building, (Phase III), UP Visayas, Miagao Campus, Miagao, Iloilo (GAA 2019 – PHP30M) 2. Design-Build Services Financial Requirements for the Initial Offering of Fisheries Courses in Antique, UP Visayas Extension Campus in Antique, Brgy. Nauring, Pandan, Antique (GAA 2019 - PHP50M) 3. Design & Build Services for the Strengthening the Philippines Tourism Industry Through the UPV'S Center for Heritage, Culture & Performing Arts, UP Visayas Iloilo City Campus, Iloilo City (CHED 2019 – PHP13.7M) 4. Detailed Architectural Engineering Design Services for the UP Visayas Watersports Training Facility, UP Visayas Miagao Campus, Miagao, Iloilo (2019-UPS-RF – PHP5.970M) 5. Design of the New Main Library and Construction of Phase I, UP Visayas Miagao Campus, Miagao, Iloilo (GAA 2017 – PHP146M) 6. Proposed Rehabilitation/Repair and Perimeter Fencing of the Diwata Aquascape Building, UP Visayas Miagao Campus, Miagao, Iloilo (UPS GAA 2020 – PHP2.4M) 7. Construction of the Proposed Administration Services Building Phase I, UP Visayas Iloilo City Campus, Iloilo City (2017-UPS-RF – PHP25M)
Possible Funding Sources		
10.	Status of UGTFI/GTFI on the date of proposal submission	None
11.	Status of Proposing Unit's Trust Fund on the date of proposal submission	None
12.	Name of Foundation	None
	Existing Funds (Balance) on the date of proposal submission	None

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Required Attachments:

1. Site Map indicating the following information:
 - a. Identified site for the project
 - b. Indicative footprint of the building (in square meters)
 - c. Number of trees in the identified area (preferably identifying the species)
 - d. Potential sewage disposal location
 - e. Bodies of water that may be affected
 - f. Nearest tapping points for electricity and water
2. Schematic Diagrams
3. Perspectives
4. Review and favorable endorsement from the Office of the Campus Architect (OCA) or equivalent unit
5. Favorable endorsement from the Office of the Chancellor

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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 Iloilo City Campus is limited now within the four (4) hectare property of the fenced area since there are still ongoing conversations with the different agencies concerning the occupants outside it. The developments are focused on renovating the current infrastructures, especially the old ones to comply with the national building codes and other laws to ensure the safety and energy efficiency of the buildings.

The demolition of the dilapidated building will give way to the expansion of the pathways and walkways to make the campus circulation safe and secure for all users. Additional lanes for emergency use will also be constructed around the campus.

The campus will also set up its own sewage water treatment facility in compliance with different regulatory agencies. Stormwater management facilities will also be improved to minimize flooding within the campus, especially during rainy days. There will be buildings up for demolition due to their critical condition, need for additional space, and within the boundary of a declared national heritage site.

Below are different illustrations of the proposed site development plans and proposed infrastructure and facilities plans in the UP Visayas Iloilo City campus.

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1. UPGRADING TO PRIMARY METERING & TRANSFORMERS 1 & 2 FOR THE UPV ILOILO CITY CAMPUS (GENERAL LUNA STREET AREA)

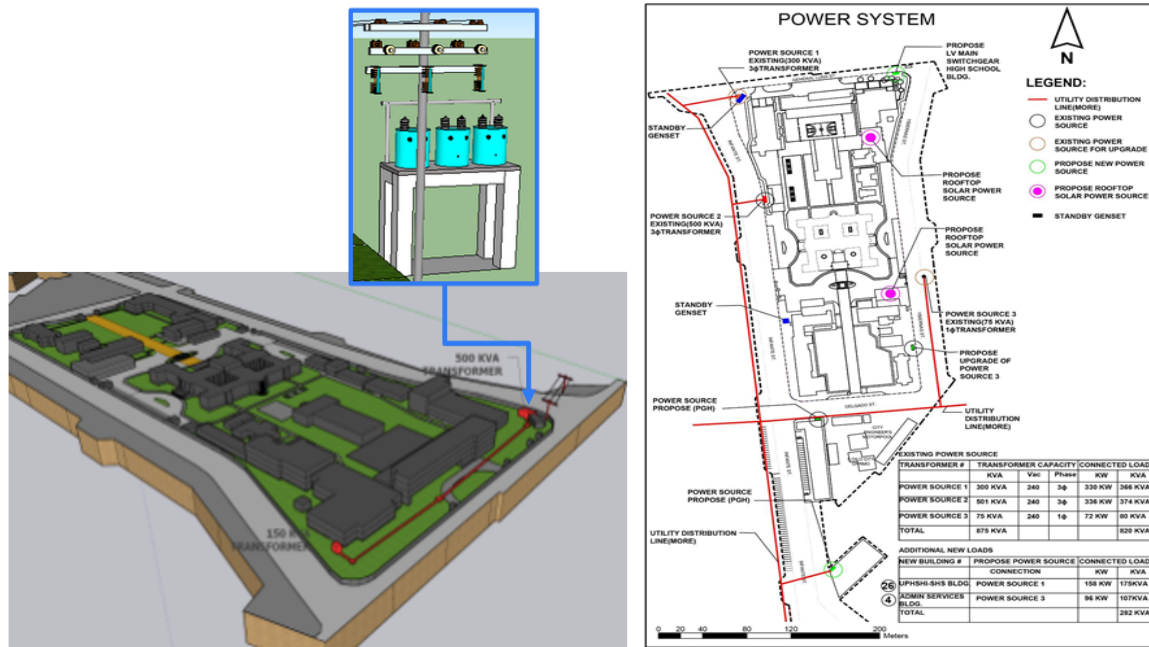


Figure 6.1 Layout of the power system upgrading for UPV Iloilo City Campus.

Project Total Cost: 20M
(2023-2030) | FOR FUNDING

Implementation 2023 - 2030

Justification:

UPV needs to improve its utility services and provide adequate electric supply to new buildings as the university continues to construct more buildings, laboratories, and classroom expansion. This is to provide reliable, good voltage regulation, and improved electronic equipment and to prevent low voltage fluctuation due to shortage in power demand. The high school building is supplied by 300KVA (3x100KVA) almost over the capacity of the transformer installed. The demand load has already reached the maximum capacity. At present, the buildings encounter low voltages and very low efficiency which constitute degrading the cable lifespan and electronic equipment on the Aircon Conditioning Unit during peak load.

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2. IMPROVEMENT OF PATHWALKS (CAMPUS CIRCULATION) AND SUPPLY AND INSTALLATION OF FIRE HYDRANTS, FENCE, AND GATE ALONG GENERAL LUNA STREET, UPV ILOILO CITY CAMPUS



Figure 6.2 Perspective for the proposed Campus Circulation Path and Repair of Fence and Gate in the Iloilo City Campus

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

Implementation 2023 - 2030

Justification

The current path walks need to repair, the pedestrian lanes are shared with bike users and there are no existing fire hydrants for a campus where there is no access for mini-fire trucks in case of fire. The fences of the university along Infante, Ybiernas, and Gen. Luna Streets need repair. The solid walls also make the campus not visible to the public as if it is not part of the wider community and difficult to 'see' by the public.

- The improvement of path walks and the establishment of bike lanes (Campus Circulation) in the Iloilo City Campus will make the campus a sustainable and livable community.
- The campus layout will be compact, pedestrian-friendly, and designed to match the human scale.

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- The improvement of fences along with General Luna, Infante, and Ybiernas Streets will be uniform to the standard fence design along Delgado Street, UPV Iloilo City Campus (new UPV Iloilo City Campus Avenue). The improved fences will open up the campus to the public.
- The proposed fence design will repurpose the use of the Marston Matte from the old fence to preserve its historical value.
- The existing bike racks in UPV Iloilo City Campus were initially proposed in compliance with the Iloilo City Regulation Ordinance No. 2014-193. The said ordinance requires government and non-government buildings with existing parking spaces to provide a safe bicycle parking zone. On the part of the university, UPV has a health & wellness program that includes the use of Non-motorized Transportation in going to and from workplaces. Separate bike lanes traversing the campus are proposed to ensure the safety of bikers and pedestrians.

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3. ADMINISTRATIVE SERVICES BUILDING, PHASE 2

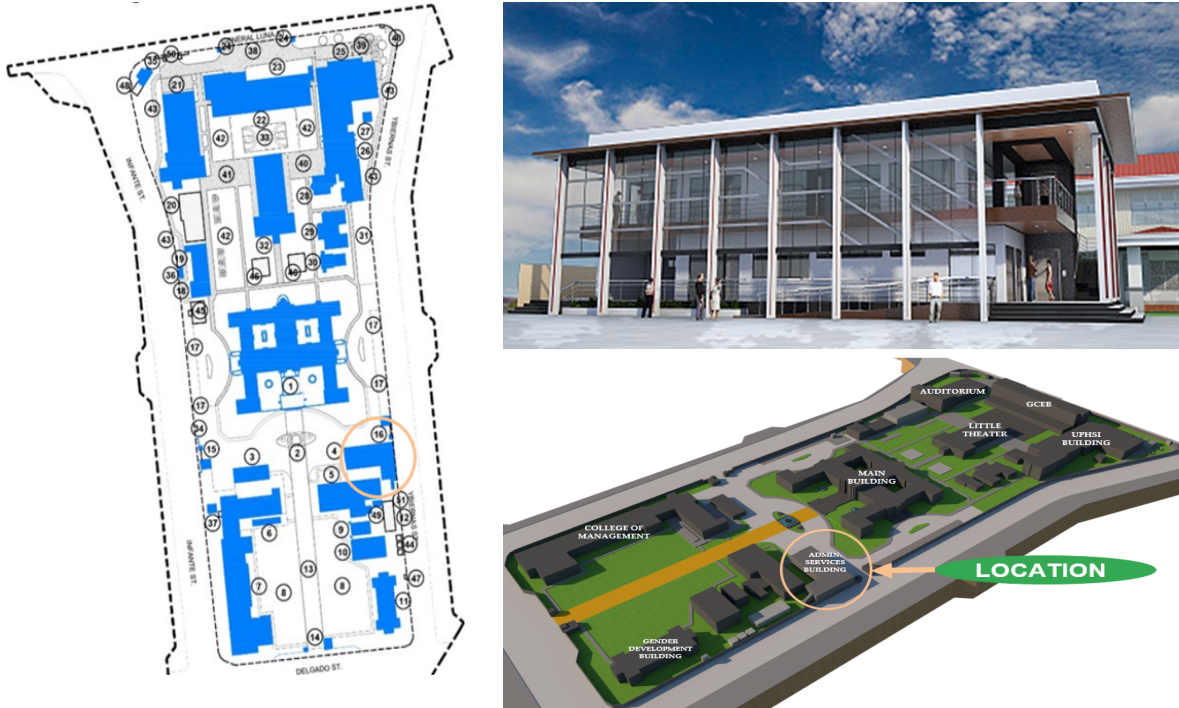


Figure 6.3 Perspective of the New Administrative Service Building in Iloilo City Campus.

Project Total Cost: 30M

Phase 2 - (2024-2030) | FOR FUNDING

Implementation 2024 - 2030

Justification:

- As UP Visayas produces more alumni graduates the university needs to establish a venue or structure to cater to the needs of alumni graduates. The alumni association brings former students together to maintain a connection with their fellow graduates. The Alumni Center is envisioned for mixed use for offices, commercial spaces, and for accommodation.

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4. PROPOSED ALUMNI CENTER BUILDING



Figure 6.4 Layout of the proposed Alumni Center Building

Project Total Cost: 30M
(2024-2030) | FOR FUNDING

Implementation 2024 - 2030

Justification:

- As UP Visayas produces more alumni graduates the university needs to establish a venue or structure to cater to the needs of alumni graduates. The alumni association brings former students together to maintain a connection with their fellow graduates. Being part of the association can open many doors for you and allow the university to reap a lot of different benefits.

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5. ADAPTIVE REUSE OF THE OLD HIGH SCHOOL BUILDING (PROJECT HANDUMANAN: BUILDING HERITAGE, BRIDGING CONNECTIONS)



Figure 6.5 Perspective of the Proposed Adaptive Reuse of the Old High School Building Uses Map in the Iloilo City Campus

Project Total Cost: Php 15.668M

Floor Area: 341.90 sq.m.

No. of Floors: 1

Location: Campus Core

Justification

- The building was built in 1951 and holds cultural heritage value to the UPV community and to the larger community but has deteriorated.
- The city campus has lacked small venues for holding arts and culture exhibits and spaces for meetings.
- The building will be restored to its 1950s look and will be repurposed into a gallery and a classroom replica of a specific period which can also be used as a venue for small meetings.
- The building has been included in the Local heritage list of Iloilo City in August 2022.

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6. ADAPTIVE REUSE OF THE WOMAN'S CLUB BUILDING (PROJECT HAN-DUMANAN: BUILDING HERITAGE, BRIDGING CONNECTIONS)



Figure 6.6 Perspective for the proposed Adaptive Reuse of the Woman's Club Building in the Iloilo City Campus

Project Total Cost: Php 9.372M

Floor Area: 145.88 sq.m.

No. of Floors: 1

Location: Campus Core

Justification

- The building was built in 1952 and holds cultural heritage value to the UPV community and to the larger community but has deteriorated.
- The city campus has lacked small venues for holding arts and culture exhibits and spaces for meetings.
- The building will be restored to its 1950s look and will be repurposed into a gallery a coffee shop and a shop that sells UPV merchandise and local products.
- The building has been included in the local heritage list of Iloilo City in August 2022.

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Figure 6.7 Proposed facilities map of the University of the Philippines Iloilo City campus.

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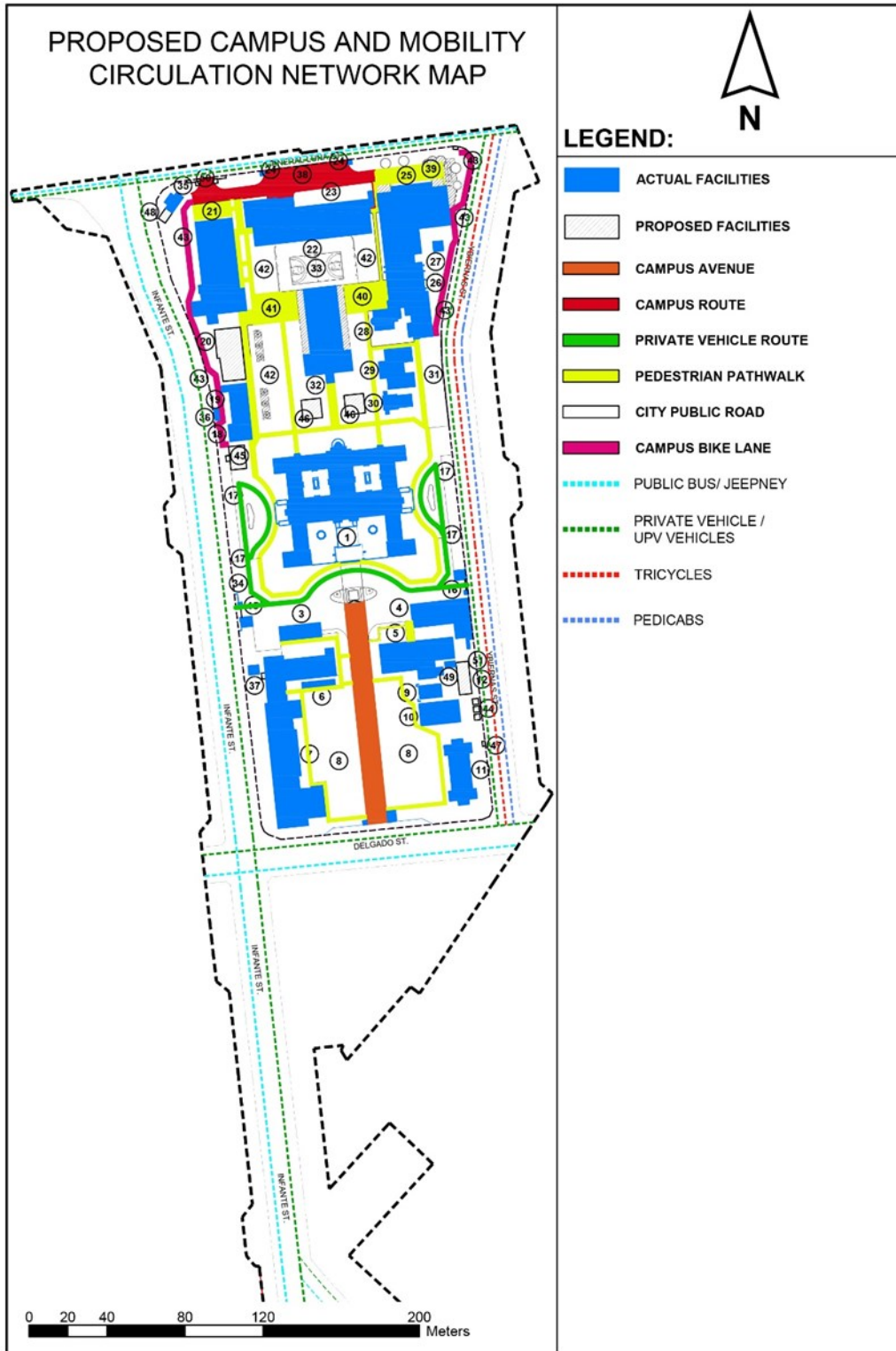


Figure 6.8 Proposed campus mobility and circulation map of the University of the Philippines Iloilo City campus.

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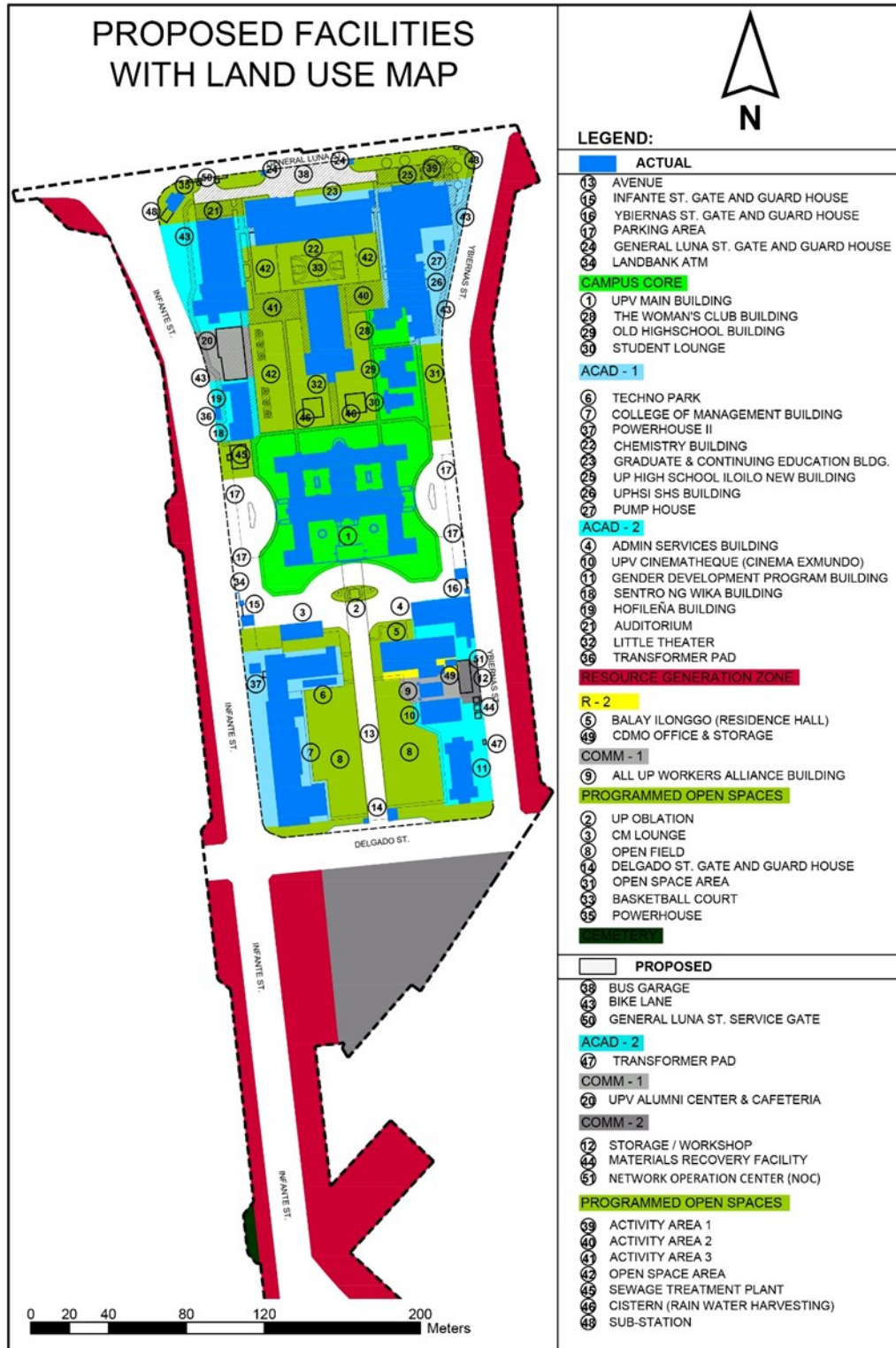


Figure 6.9 Proposed facilities map with land use map of the University of the Philippines Iloilo City campus.

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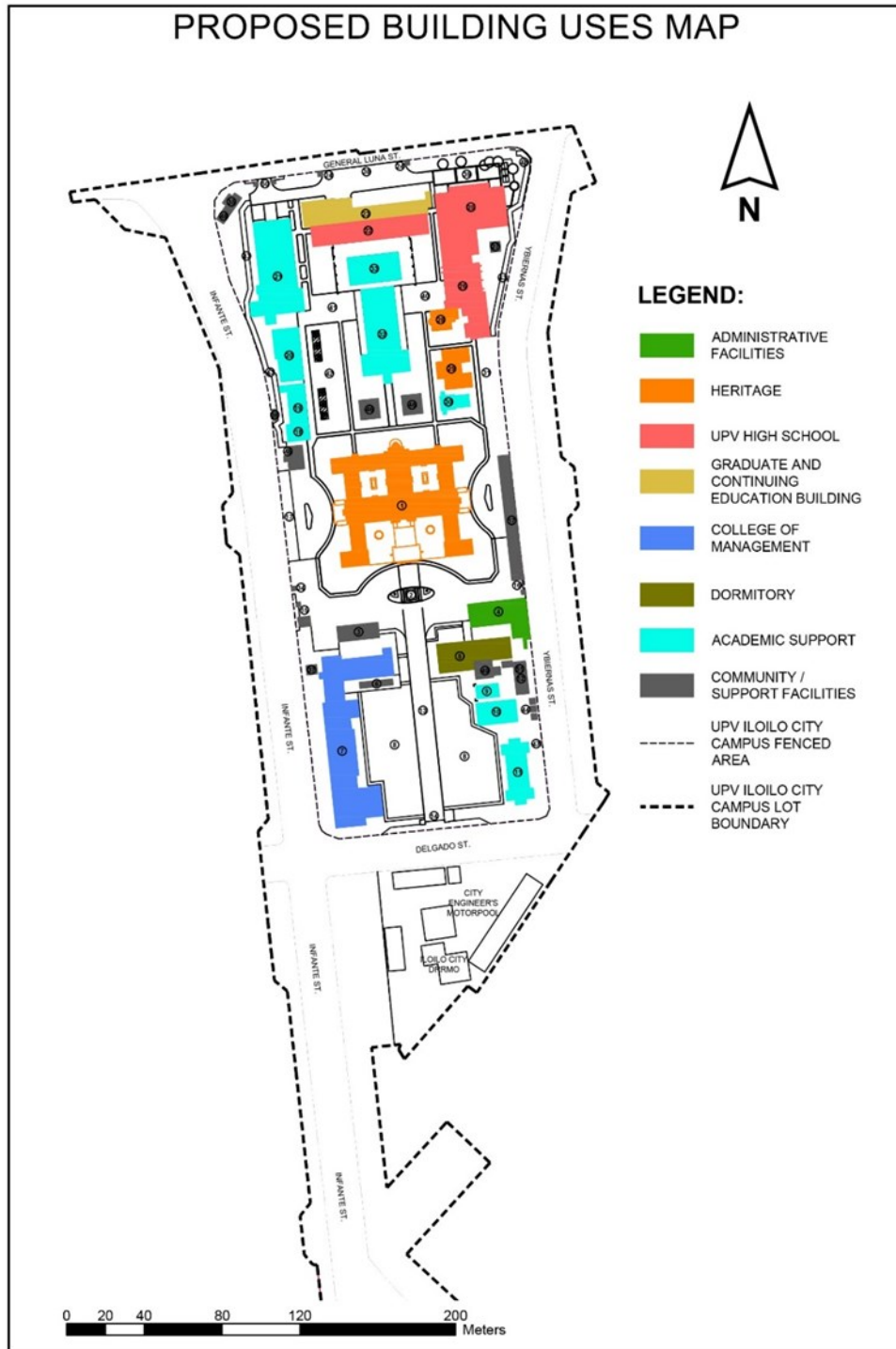


Figure 6.10 Proposed Building Uses Map in the Iloilo City Campus.

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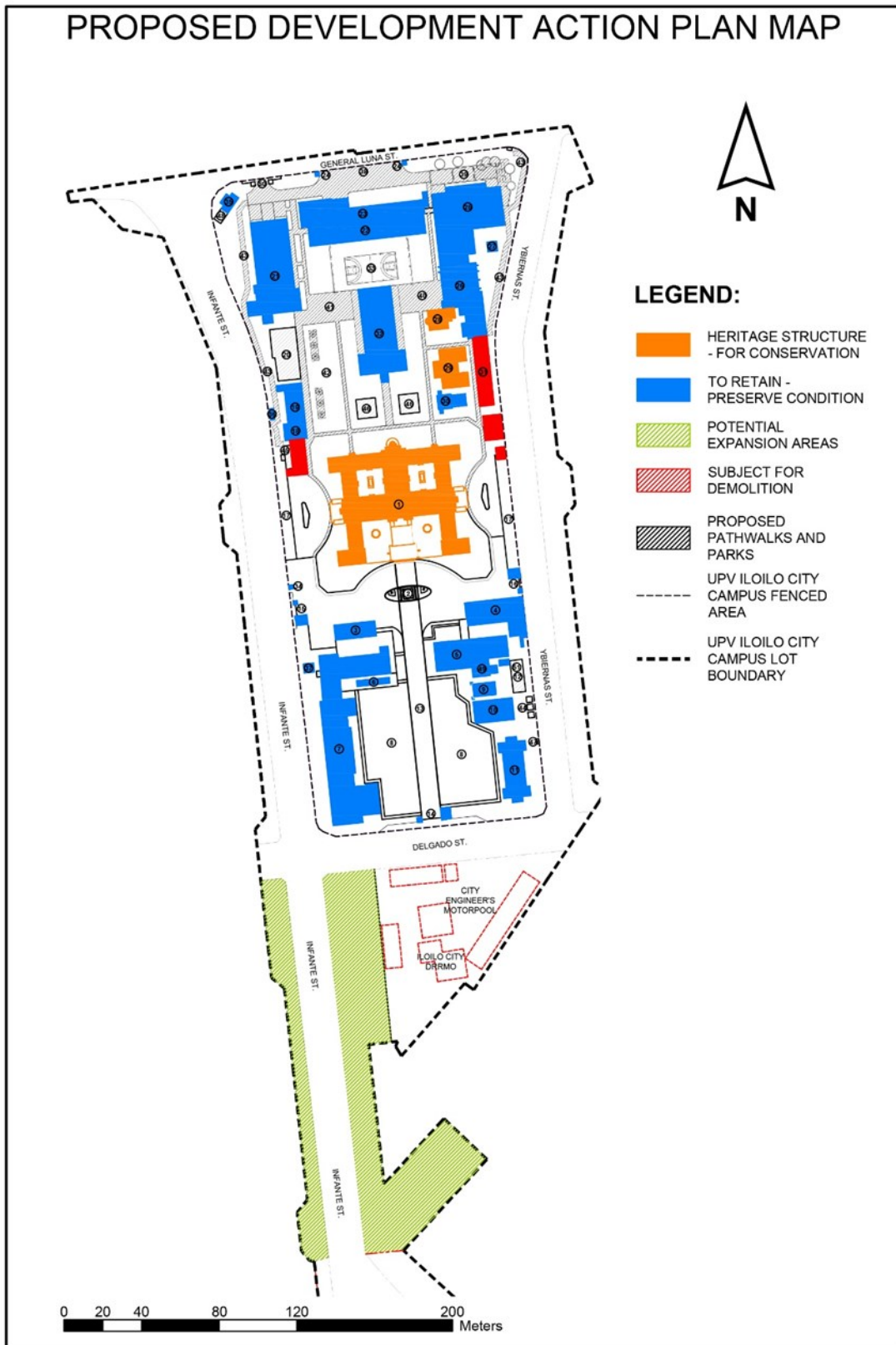


Figure 6.11 Proposed Development Action Plan Map in the Iloilo City Campus.

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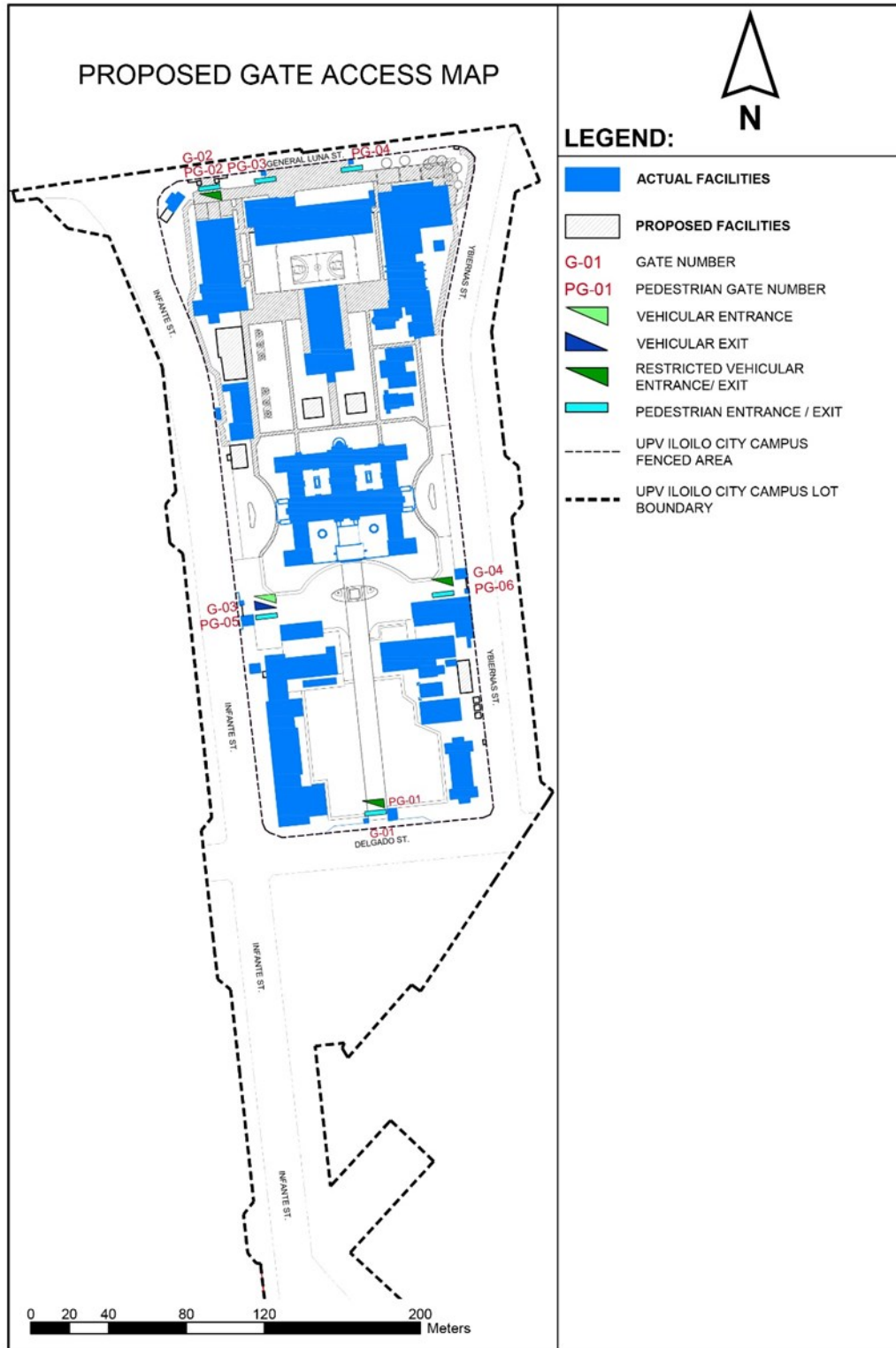


Figure 6.12 Proposed Gate Access Map for vehicles and pedestrians in the Iloilo City Campus

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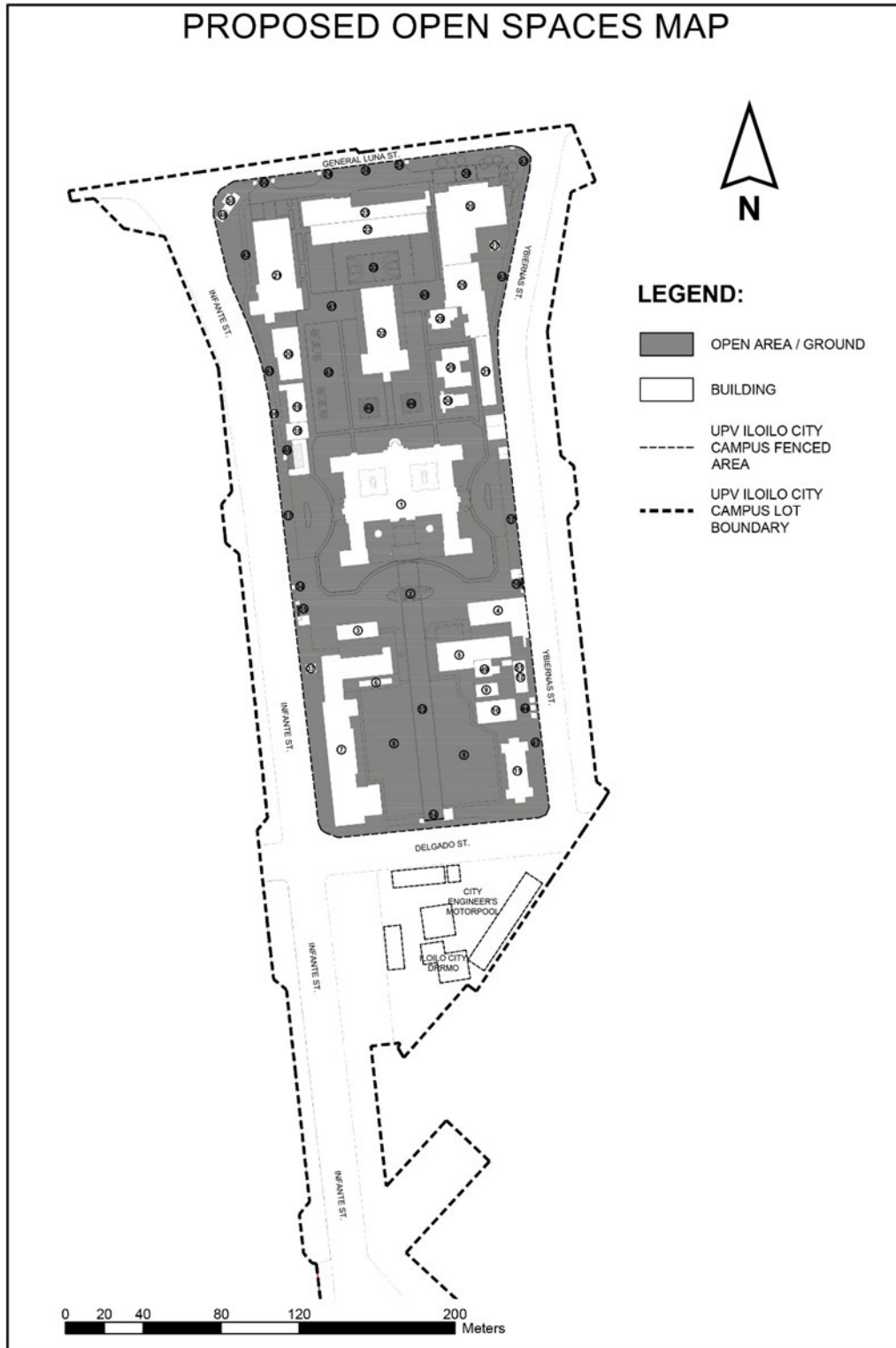


Figure 6.13 Proposed Open Spaces Map in Iloilo City Campus.

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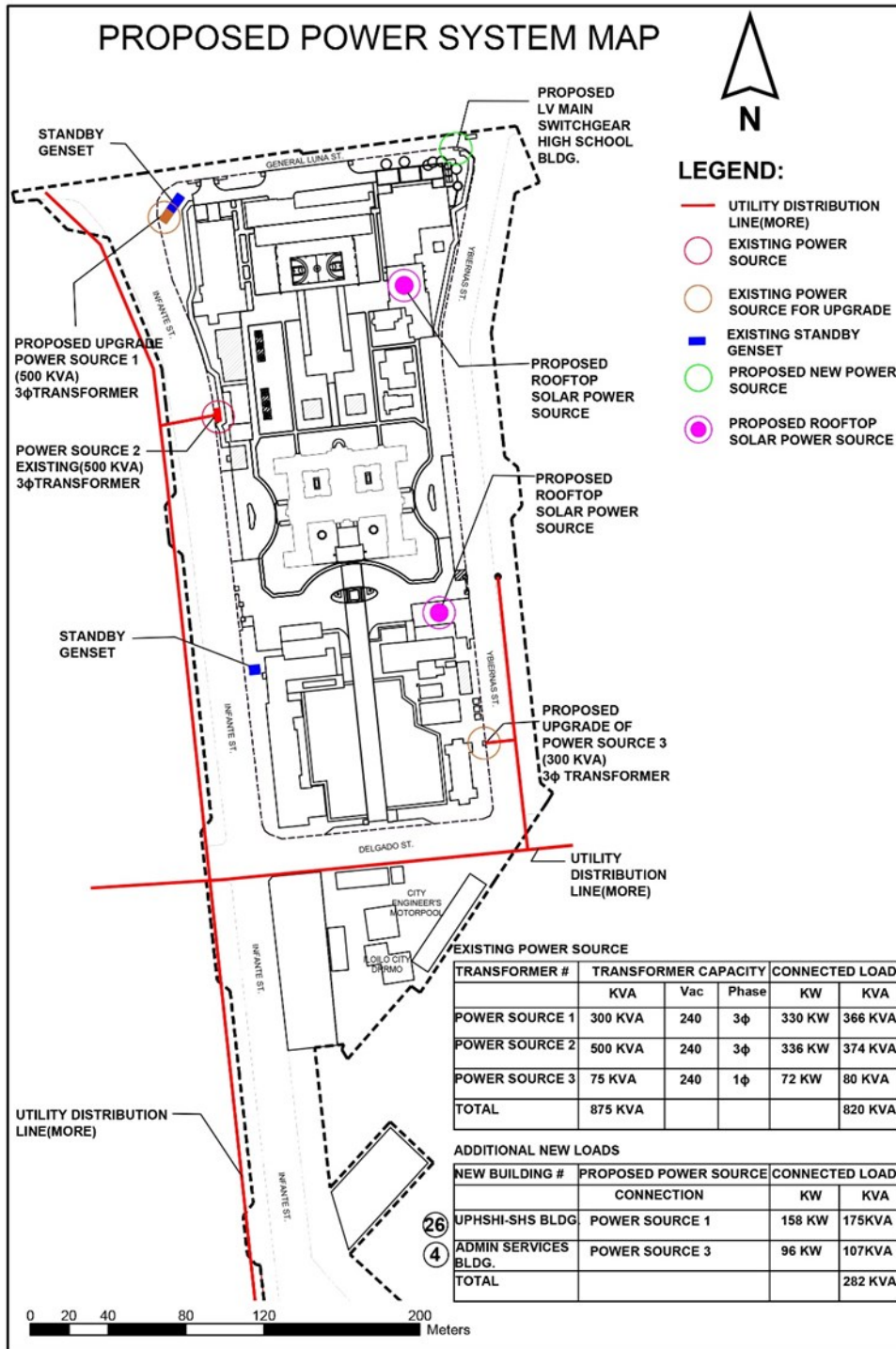


Figure 6.14 Proposed Power System Map Iloilo City Campus showing the solar power source to harness renewable energy.

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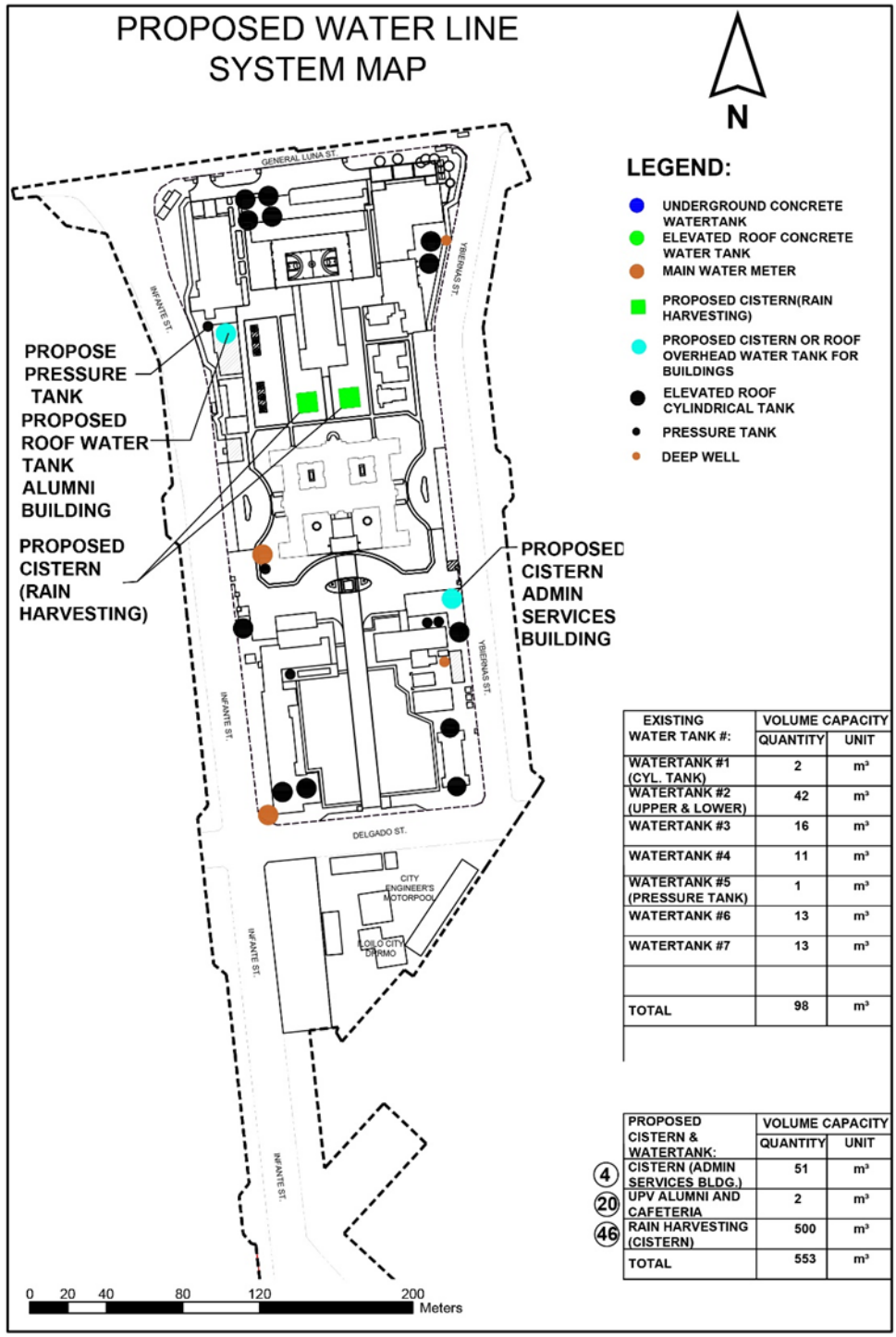


Figure 6.15 Proposed Water Line System map in Iloilo City Campus where rainwater harvesting facilities will be installed.

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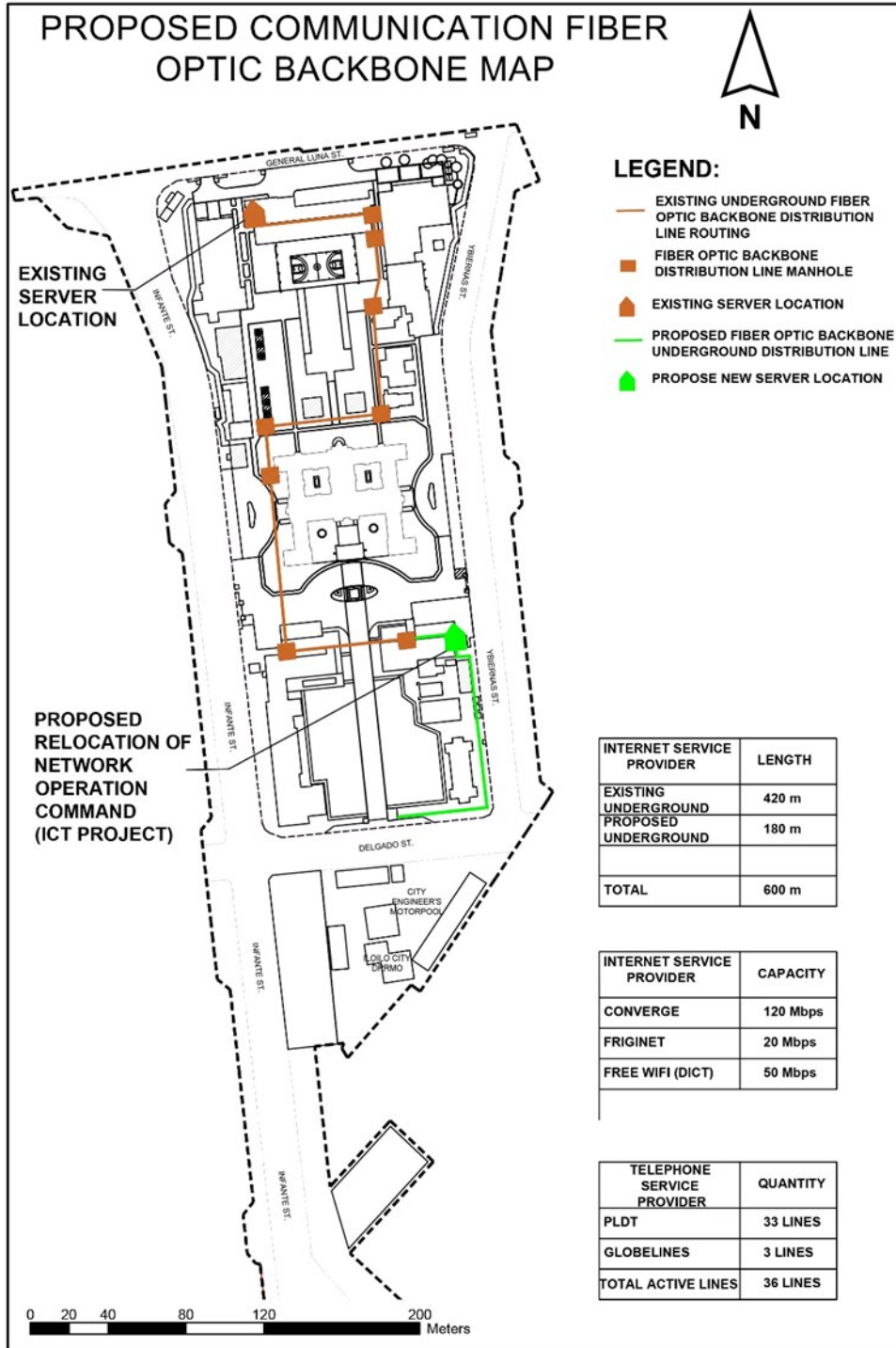


Figure 6.16 Proposed Communication Fiber Optic Backbone Map in the Iloilo City Campus to improve its telecommunication network.

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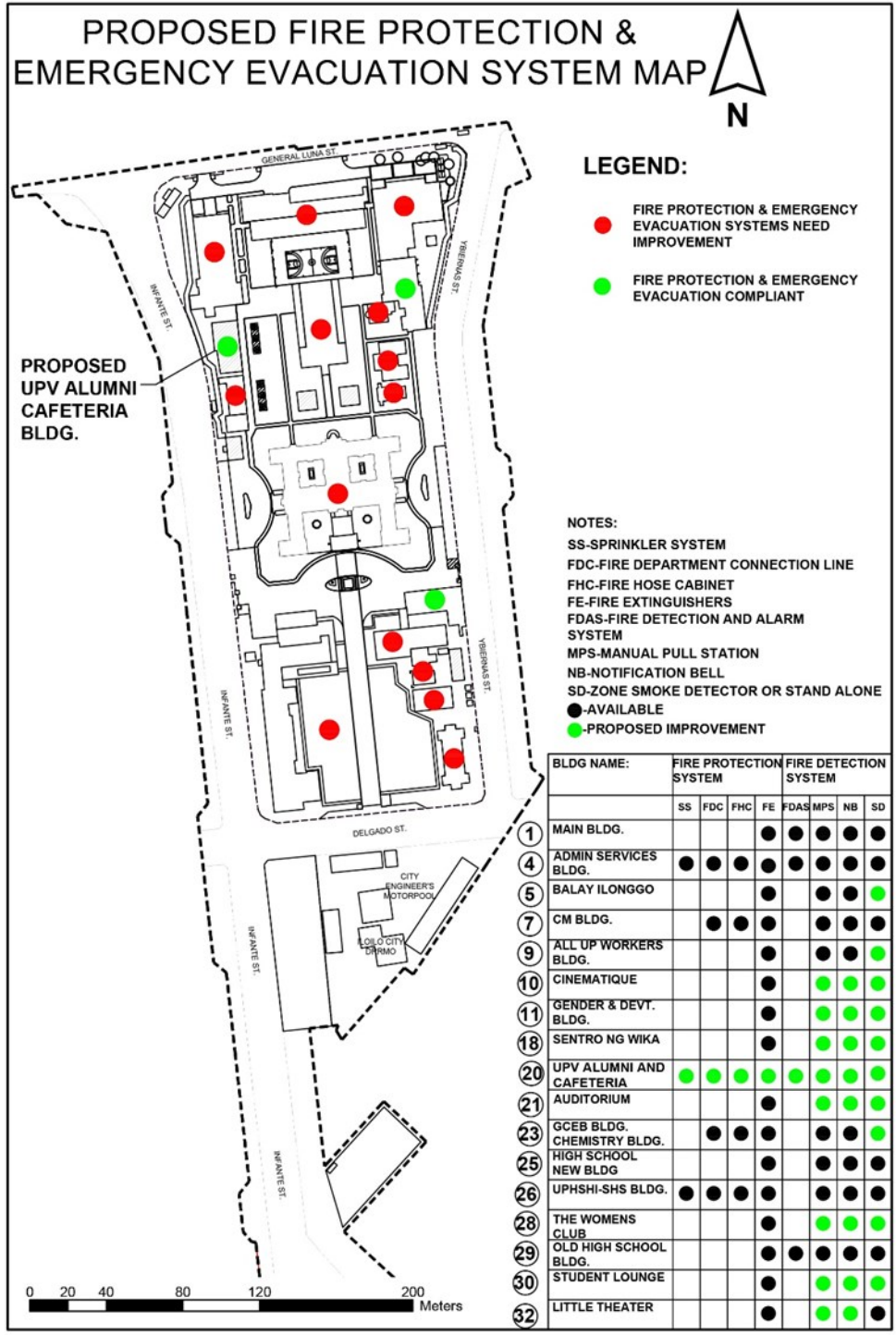


Figure 6.17 Proposed Fire Protection and Emergency Evacuation System map in Iloilo City Campus to safeguard property and lives.

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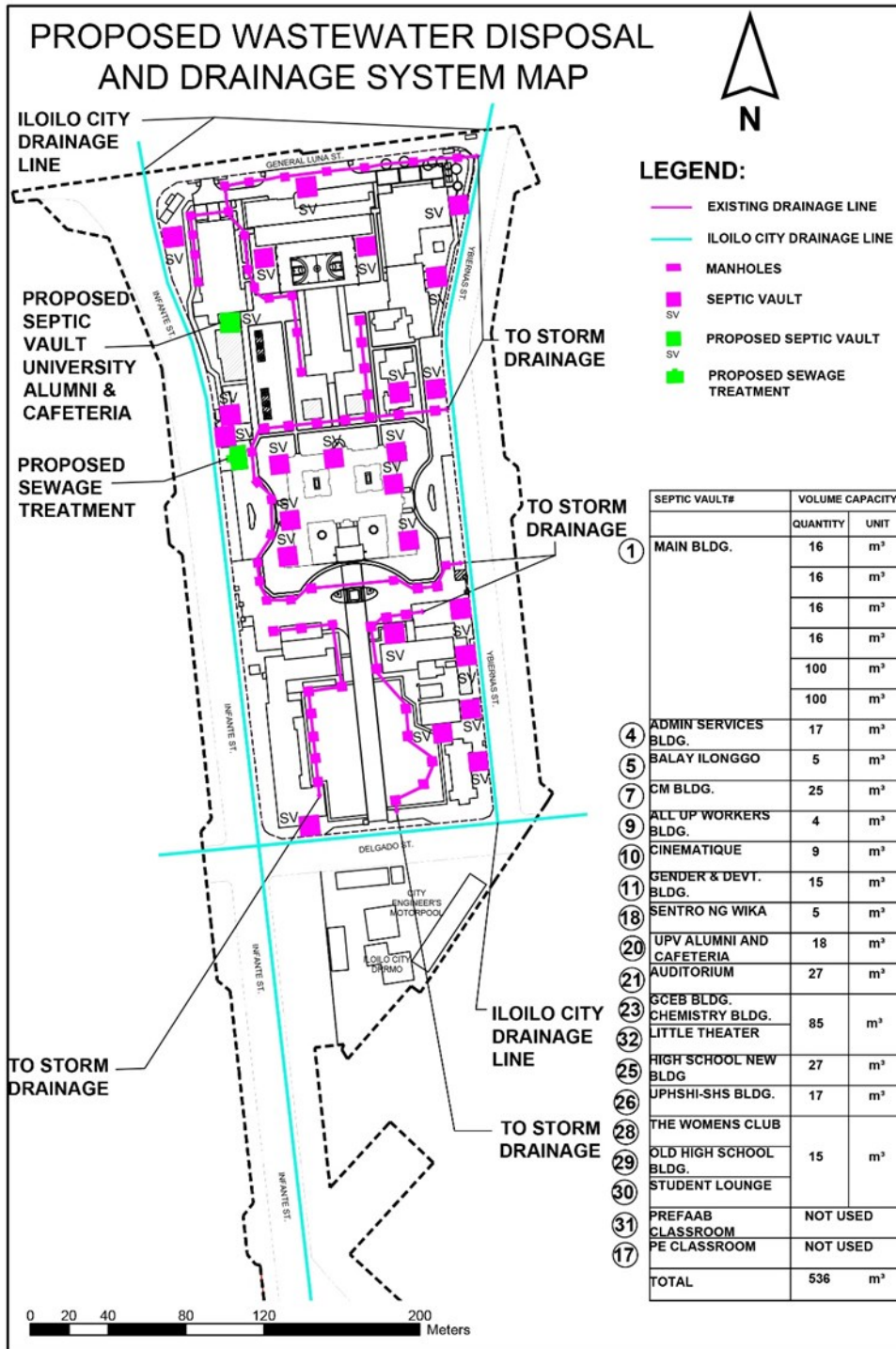


Figure 6.18 Proposed Wastewater disposal and drainage system map showing the improvements to be made to minimize flooding.

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CHAPTER 7: Institutional Coordination and Monitoring of Projects

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 are 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 OVPD Cares. 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.

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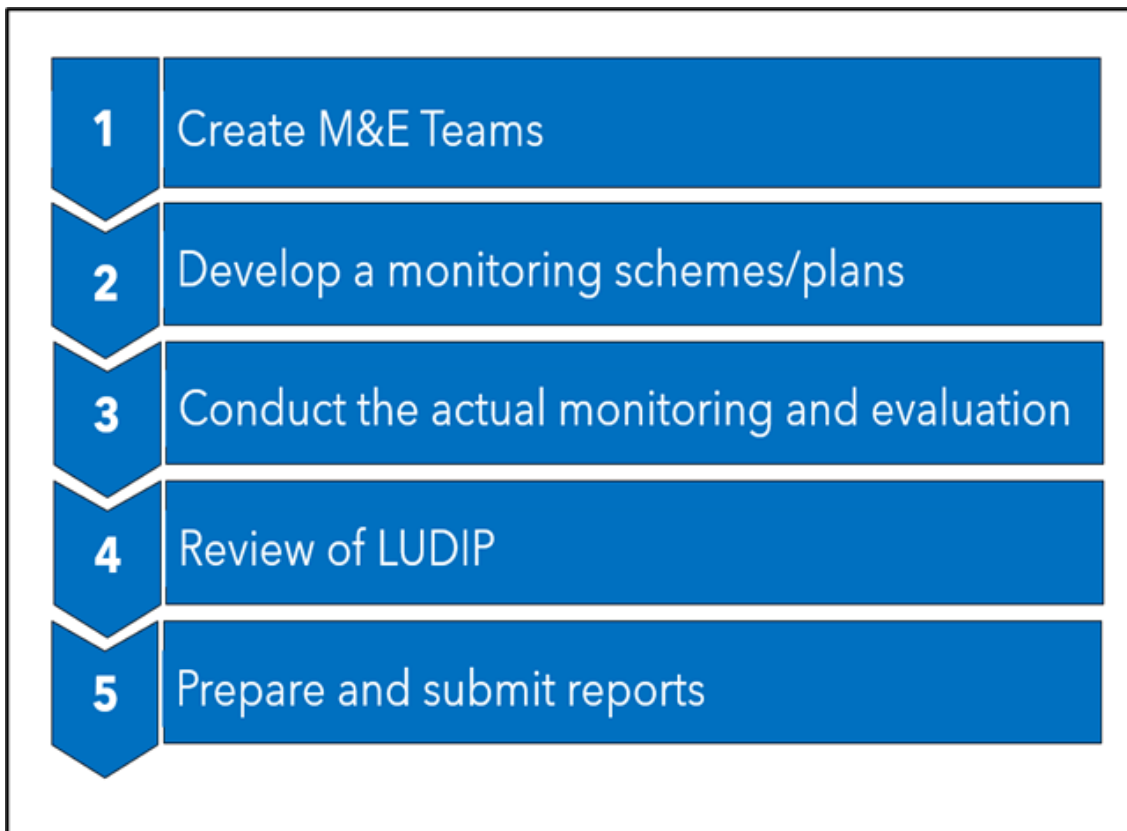


Figure 7.1. Flow Chart for Monitoring and Evaluation Mechanism of LUDIP and the PPAs

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 (UPVIC) 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 and SWUS of OVCA, DISP-OVCA, and other relevant offices.

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.

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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 partner institutions.

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 to achieving the vision of UPV and UP in general.

Each M & E team shall create its 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 base-line values, and the frequency and format to be used in the M&E. There shall also be evaluated 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 ongoing 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 financial and physical targets for the year. 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.

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4. 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 following the agreed process of the UP system. 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 program's 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

Categories	Project Development Classification	Key Units Involved/ Administrative Arrangements	Organizational Design	Guidelines/ System and Procedures/ Plans for Implementation	Policy and Legal Considerations
Physical and Land Use Planning	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, 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.

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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	
	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
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 mobilization; Financial Schemes; Fund Source; Internal planning proposals for approval of UP System/ BOR; Joint planning and brainstorming 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 personnel to design projects; Sourcing of internal consultants if CU does not have an expert; Construction Management Team	Guidelines for implementing government projects; Phasing Plan; Project Monitoring procedures	RA 9184; Approved LUDIP Design Standards
	2.	Road Networks Improvement				

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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
	3.	Open Space Improvement			2015 UP Campus Design and Development Principles and Guidelines, 2021 UP Biodiversity Management Guidelines	
	IV. Post Planning and Monitoring					
	1.	Maintenance and Upgrading	OVCA, UPV Colleges, and Units, OVCPD	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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Categories		Project Development Classification	Key Units Involved/ Administrative Arrangements	Organizational Design	Guidelines/ System and Procedures/ Plans for Implementation	Policy and Legal Considerations
	2.	Interior Renovation	OC (Budget), OVCA, OVCPD, UPV Officials, Equipment Outlay Committee	Coordinate with affected offices	CO documents preparation for the approval of GAA or internal funds Design Standards for Interior Renovations; UP System approval and endorsement Resource mobilization	Conservation Management Plan and Interior Design Guidelines; National Cultural Heritage Act (RA 10066); NBCP (PD 1096), Fire Code (RA 9514), Accessibility Code (BP 344), National Structural Code of the Philippines (RA6541); 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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Categories	Project Development Classification	Key Units Involved/ Administrative Arrangements	Organizational Design	Guidelines/ System and Procedures/ Plans for Implementation	Policy and Legal Considerations
	3. Heritage Preservation	OC, OVCPD, Campus Infrastructure Committee, UPV Officials, UP System Officials	Heritage Conservation Committee (for creation) Coordinate with concerned Agencies such as the Heritage Council of Iloilo City, NHCP	Conservation Management Plan. and Recommendations; Capital Outlay documents preparation for the approval of GAA or internal funds; UP System approval and endorsement; Updating of the LUDIP every 5 years Resource mobilization	Conservation Management Plan; National Cultural Heritage Act (RA 10066), 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
	4. Utility Upgrading	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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Categories	Project Development Classification	Key Units Involved/ Administrative Arrangements	Organizational Design	Guidelines/ System and Procedures/ Plans for Implementation	Policy and Legal Considerations
III. Implementation					
	1.	Government Funds	OVCA, OVCPD, OC (Budget Office) UPV Officials, UP System Officials	SUC Project Leader and Project Representatives Coordinate with concerned agencies e.g. as CHED, DPWH, NHCP, DENR	Guidelines for implementing government projects; Phasing Plan RA 9184
	2.	Private Fund	OC, OVCPD, UPV Officials, UP System Officials, CDMO	SUC Project Leader and Project Representatives; Consultants as provided by the donor Construction Management Team Alumni, Alumni Associations, UPV Foundation Inc.	Project Monitoring procedures; Resource monitoring MOA and execution of the project
IV. Post Construction (Building Maintenance)					
	1.	Job Order Requests	UP Colleges and Units, CDMO and Building Maintenance Team, Preventive Maintenance Service Providers	Institutional capability of building administration; Institutional capability of maintenance personnel or outsourced maintenance personnel	Building Maintenance Process Flow and Guidelines; ISO Procedural Flow UP Administration Manual; ISO Certification Procedures

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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
	2.	Small Projects				
		a. Small value	OVCA, UP Colleges, and Units, Preventive Maintenance Service Providers	Institutional capability of outsourced maintenance personnel; Institutional capability of project procurement	Guidelines for implementing government projects; Phasing Plan	UP Administration Manual; ISO Certification Procedures
		b. Pakyaw	OVCA	Institutional capability of outsourced maintenance personnel; Institutional capability of materials procurement	Project Monitoring procedures; Resource mobilization	UP Administration Manual; ISO Certification Procedures
Field Laboratories and Research Facilities	1.	UP Visayas Internally funded research	College Deans, OVCRE, OVCAA	Coordinate with OVCA, OVCPD, and partner institutions e.g. LGU, NGOs for equity	Project Monitoring procedures; Resource mobilization	UP Administration Manual; ISO Certification Procedures
	2.	Partnership with other research government agencies concerned such as DOST and CHED	College Deans, OVCRE, OVCAA	Coordinate with OVCPD, OVCA, and concerned institutions e.g. DOST, CHED, NHCP	Project Monitoring procedures; Resource mobilization	UP Administration Manual; ISO Certification Procedures
	3.	Partnership with Private Companies	College Deans, OVCRE, OVCAA	Coordinate with OVCPD, OVCA, and private companies	Project Monitoring procedures; Resource mobilization	UP Administration Manual; ISO Certification Procedures

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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
Environmental Protection	1.	Projects for implementation that requires environmental protection	Biodiversity Committee, OVCRE Campus Infrastructure Committee	Coordinate with OVCAA, OVCPD, OVCA, and other institutions e.g. DENR, EMB, NGOs	Project Monitoring procedures; Resource mobilization	UP Administration Manual; ISO Certification Procedures
Tourism and Heritage	1.	Projects for implementation with thrusts on tourism and heritage preservation	Heritage Conservation Committee, Campus Infrastructure Committee	Coordinate with OVCAA, OVCPD, OVCA, and other institutions e.g. DENR, EMB, NGOs NHCP, NCCA	Project Monitoring procedures; Resource mobilization	UP Administration Manual; ISO Certification Procedures
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,

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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
						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
Traffic Routes		Operations & Maintenance	OVCA, OVCPD, Campus Infrastructure Committee	Coordinate with the college for assistance in 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 Infrastructure Committee, Equipment Outlay Committee	Coordinate with the college for assistance in database and with concerned institutions e.g. DPWH, LGU, CHED	Updated Housing Guidelines, Infrastructure Plan	Applicable standards, codes

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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
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 Resettlement Plan

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Table 7.2. Work Plan for the University of the Philippines Visayas Iloilo City Campus

Components	PPAs	Key UPV Offices and/or 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
Policy Compliance to (RA and LGU Ordinances)	Implementation of LUDIP	OVCA, OVCPD, UPV Campus Infrastructure Committee	LGU	Short Term	LUDIP Implementation Instruments
	Creation of University Zoning Regulations	UPV Campus Infrastructure Committee, OVCPD, OVCA, Bio	LGU	Short Term	University Zoning Regulations
	Policy Compliance (e.g. Accessibility Law; Fire, Building Codes)	UPV Campus Infrastructure Committee (CIC)		Short term	All buildings compliant with national laws and regulations
	Improvement of Path walks (Campus Circulation) and Supply and Installation of Fire Hydrants, Fence, and Gate along General Luna Street, UPV Iloilo City Campus	OVCPD, OVCA, Campus Infrastructure Committee, UPV Stakeholders	Alumni, Concerned institutions	Medium Term	Projects compliant with standards, codes
Policies and Guidelines	Evaluation of sustainable practices	Biodiversity Committee, OVCPD, OVCA, Campus Infrastructure Committee, UPV Stakeholders	Alumni, Concerned UP CUs and other institutions	Long Term	Compliant and updated policies and guidelines
Plans	Flora and Fauna Audit and Plan	Biodiversity Committee, OVCRE	Coordinate with Campus Infrastructure Committee, OVCPD, OVCA, Other UP CUs, concerned agencies e.g. DENR	Short / Medium Term	Completed and/or approved plan

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Components	PPAs	Key UPV Offices and/or Committees Involved	External Partners	Time Frame	Output
	Creation of Master Plan	Multi-office committee under OVCPD	Coordinate with other UP CUs, concerned agencies	Medium Term	Completed and/or approved plan
Committees	Creation of Committees	OC, OVCA, OVCPD		Short Term	Completed and/or approved plan
Office Space Improvement	Prioritization of Spaces	Concerned Office, OVCA, OVCPD	Contractor, supplier	Short / Medium Term	Completed and/or Approved plan
Building Inventories	Facilities Inventory	OVCA, OVCPD, CIC, Concerned offices		Short term/ Medium Term	Technical Report
Environmental & Biodiversity Conservation	Audit	Biodiversity Committee, OVCRE, OVCAA, OVCA, OVCPD	DENR, other concerned institutions, other UP CUs, Alumni	Short term	Technical Report
Solid Waste and Pollution Prevention	Management Plans (MRF, Solid Waste, Wastewater, etc.)	OVCA, CIC, Colleges, OVCPD	LGU, Contractor	Short term	Contract
Tourism & Heritage Conservation	Building Restorations and Conservation	OVCPD, OVCA, CIC, Heritage Committee	Heritage Council, LGU, Alumni	Short Term	Conservation Management Plan
	Construction of New Buildings-Adaptive Reuse of the Old High School Building (Project Handumanan: Building Heritage, Bridging Generations)	OVCA, OVCPD, CIC, Concerned offices	Heritage Council, LGU, Alumni	Short Term	Conservation Management Plan

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Components	PPAs	Key UPV Offices and/or Committees Involved	External Partners	Time Frame	Output
Tourism & Heritage Conservation	Creation of Conservation Management Plan	OVCPD, OVCA, CIC, Heritage Committee	NHCP, LGU-Heritage Council	Medium Term	Conservation Management Plan
	Building Restorations and Conservation	OVCA, OVCPD, Heritage Committee	Heritage Council, LGU, Alumni, NHCP	Medium Term	Operations Plan
	Construction of New Buildings-Adaptive Reuse of the Old High School Building (Project Handumanan: Building Heritage, Bridging Generations)	OVCA, OVCPD, CIC, Concerned offices	Heritage Council, LGU, Alumni	Short Term	Conservation Management Plan
	Creation of Conservation Management Plan	OVCPD, OVCA, CIC, Heritage Committee	NHCP, LGU-Heritage Council	Medium Term	Conservation Management Plan
	Building Restorations and Conservation	OVCA, OVCPD, Heritage Committee	Heritage Council, LGU, Alumni, NHCP	Medium Term	Operations Plan
	Demolition (Setbacks of Heritage Zones)	OVCA, OVCPD		Medium Term	Demolition Plan
	Utility Development	Upgrade to Primary Metering & Transformers 1 & 2 for the UPV Iloilo City Campus (General Luna Street area)	OVCA, OVCPD		Medium Term

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Components	PPAs	Key UPV Offices and/or Committees Involved	External Partners	Time Frame	Output
Infrastructure & Building	Proposed Alumni Center Bldg.	OVCPD, OVCA, CIC	Alumni	Medium Term	
	Maintenance and upgrading of Utilities & Facilities	OVCA, concerned offices, OVCPD	Contractor	Long Term	Plans to include M and E Plan
	Interior Fit out of new buildings (continuation or completion)	OVCA, concerned offices, OVCPD	Contractor, Alumni	Long Term	Plans to include M and E Plan
	Construction of walkways, parking spaces	OVCPD, OVCA, CIC	Alumni, Contractor	Long Term	Plans to include M and E Plan
	Implementation Administrative Services Building, Phase 2	OVCA, Concerned offices		Short Term	Plans to include M and E Plan
Mobility & Bike Friendliness	Continued improvement of landscaping and bike lanes	OVCA, OVCPD	Alumni	Long Term	M & E Plan

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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:

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**LIST UPV LUDIP ACTIVITIES
(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	OVCPCD	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 - OVCPCD April 20 - CM 12	LUDIP TWG

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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	OVCPCD	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

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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

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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
Brief presentation of the: 1. Biodiversity Hub concept note and 2. Status of properties and occupants in Mi-gao and Iloilo City	August 23, 2021		1:00PM to 6:00PM	via zoom	LUDIP TWG and Biodiversity Committee

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ACTIVITIES	DATE		TIME	VENUE	Participants
	From	To			
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 Malari 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
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

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ACTIVITIES	DATE		TIME	VENUE	Participants
	From	To			
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

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ANNEXES

Chapter 2

Table 2a. Parking Survey on April 18, 2022, Morning

TYPES OF VEHICLE	PEAK HOURS PARKING (8:00 am to 10:00 am)	TOTAL (AVERAGE PARKING)	TIME	WEATHER	LOCATION
Private Cars	25	24.25	8:00 AM TO 10:00 AM	SUNNY	In front of CM Bldg., Main bldg. (left area) & left & right wing of Main Bldg.
Government Vehicles	3	3			
Delivery trucks	0	0			
Motorcycles	21	17.5			
Bikes/Scooters	2	2			
Tricycles	0	0			
Trisikad	0	0			
UPV Bus	0	0			
Others	0	0			

Table 2b. Parking Survey on April 18, 2022, Afternoon

TYPES OF VEHICLE	PEAK HOURS PARKING (8:00 am to 10:00 am)	TOTAL (AVERAGE PARKING)	TIME	WEATHER	LOCATION
Private Cars	27	22.5	1:00 PM TO 3:00 PM	SUNNY	In front of CM Bldg., Main bldg. (left area) & left & right wing of Main Bldg.
Government Vehicles	3	2.75			
Delivery trucks	0	0			
Motorcycles	22	15.75			
Bikes/Scooters	2	2			
Tricycles	0	0			
Trisikad	0	0			
UPV Bus	0	0			
Others	0	0			

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Table 2c. Parking Survey on April 19, 2022, Morning

TYPES OF VEHICLE	PEAK HOURS PARKING (8:00 am to 10:00 am)	TOTAL (AVERAGE PARKING)	TIME	WEATHER	LOCATION
Private Cars	42	33.5	8:00 am TO 10:00 am	SUNNY	In front of CM Bldg., Main bldg. (left area) & left & right wing of Main Bldg.
Government Vehicles	6	4			
Delivery trucks	0	0			
Motorcycles	26	21.75			
Bikes/Scooters	2	2			
Tricycles	0	0			
Trisikad	0	0			
UPV Bus	0	0			
Others	0	0			

Notes: Pre-bid conference Activity & Seminar/workshop at Little Theater during peak hours

Table 2d. Parking Survey on April 19, 2022, Afternoon

TYPES OF VEHICLE	PEAK HOURS PARKING (1:30 pm to 2:00 pm)	TOTAL (AVERAGE PARKING)	TIME	WEATHER	LOCATION
Private Cars	36	33.25	1:00 pm TO 3:00 pm	SUNNY	In front of CM Bldg., Main bldg. (left area) & left & right wing of Main Bldg.
Government Vehicles	6	5.5			
Delivery trucks	0	0			
Motorcycles	25	22.5			
Bikes/Scooters	2	2			
Tricycles	1	1			
Trisikad	0	0			
UPV Bus	0	0			
Others	0	0			

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Table 2c. Parking Survey on April 19, 2022, Morning

TYPES OF VEHICLE	PEAK HOURS PARKING (8:00 am to 10:00 am)	TOTAL (AVERAGE PARKING)	TIME	WEATHER	LOCATION
Private Cars	42	33.5	8:00 am TO 10:00 am	SUNNY	In front of CM Bldg., Main bldg. (left area) & left & right wing of Main Bldg.
Government Vehicles	6	4			
Delivery trucks	0	0			
Motorcycles	26	21.75			
Bikes/Scooters	2	2			
Tricycles	0	0			
Trisikad	0	0			
UPV Bus	0	0			
Others	0	0			

Notes: Pre-bid conference Activity & Seminar/workshop at Little Theater during peak hours

Table 2d. Parking Survey on April 19, 2022, Afternoon

TYPES OF VEHICLE	PEAK HOURS PARKING (1:30 pm to 2:00 pm)	TOTAL (AVERAGE PARKING)	TIME	WEATHER	LOCATION
Private Cars	36	33.25	1:00 pm TO 3:00 pm	SUNNY	In front of CM Bldg., Main bldg. (left area) & left & right wing of Main Bldg.
Government Vehicles	6	5.5			
Delivery trucks	0	0			
Motorcycles	25	22.5			
Bikes/Scooters	2	2			
Tricycles	1	1			
Trisikad	0	0			
UPV Bus	0	0			
Others	0	0			

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Table 2e. Parking Survey on April 20, 2022, Morning

TYPES OF VEHICLE	PEAK HOURS PARKING (8:00 am to 10:00 am)	TOTAL (AVERAGE PARKING)	TIME	WEATHER	LOCATION
Private Cars	38	26.75	8:00 am TO 10:00 am	SUNNY	In front of CM Bldg., Main bldg. (left area) & left & right wing of Main Bldg.
Government Vehicles	4	4			
Delivery trucks	0	0			
Motorcycles	23	20			
Bikes/Scooters	2	2			
Tricycles	1	1			
Trisikad	0	0			
UPV Bus	0	0			
Others	0	0			

Table 2f. Parking Survey on April 20, 2022, Afternoon

TYPES OF VEHICLE	PEAK HOURS PARKING (1:30 pm to 2:00 pm)	TOTAL (AVERAGE PARKING)	TIME	WEATHER	LOCATION
Private Cars	33	28.5	1:00 pm TO 3:00 pm	SUNNY	In front of CM Bldg., Main bldg. (left area) & left & right wing of Main Bldg.
Government Vehicles	6	4			
Delivery trucks	0	0			
Motorcycles	25	19			
Bikes/Scooters	2	2			
Tricycles	1	1			
Trisikad	0	0			
UPV Bus	0	0			
Others	0	0			

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Chapter 5

ANNEX 1 - SORTED AND RANKED PPAs BASED ON FINAL SCORES PER COLLEGE

ANNEX 2 - CAPITAL OUTLAY PROCESS FLOW

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ANNEX 1 – 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