

# UNIVERSITY OF THE PHILIPPINES V I S A Y A S



## SUPPLEMENTARY ZONING GUIDELINES FOR THE UNIVERSITY OF THE PHILIPPINES VISAYAS ILOILO 2023-2030

UP VISAYAS  
OFFICE OF THE CHANCELLOR

**N O A**

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## TABLE OF CONTENTS

<b>Article 1. Title of University Zoning Regulations</b>	<b>4</b>
Section 1.1 Title	4
<b>Article 2. Authority and Purposes</b>	<b>4</b>
Section 2.1 Authority of the Chancellor	4
Section 2.2 Purposes	4
<b>Article 3. General Principles</b>	<b>4</b>
Section 3.1. Development in Hazard-Prone Areas	4
Section 3.2 Sense of Place	5
Section 3.3 Environmental Resources Protection	5
Section 3.4 Building on a Human Scale	5
Section 3.5 Mixed-Use Development	5
Section 3.6 Transportation Options	6
Section 3.7 Vibrant Public Spaces	6
Section 3.8 Design Matters	6
Section 3.9 infrastructure and Utilities	6
Section 3.10 Circulation on Campus	6
Section 3.11 Informal Settlements	7
<b>Article 4. Definition of Terms</b>	<b>7</b>
<b>Article 5. Acronyms</b>	<b>10</b>
<b>Article 6. Zone Classifications</b>	<b>11</b>
Table 6.1 Zones, Codes, Colors, and Description	11
<b>Article 7. General Regulations</b>	<b>15</b>
Section 7.1 Area Regulations	15
Section 7.2 Height Regulations	16
Table 7.2 Setbacks for Commercial, Industrial, Institutional and Recreational Buildings	16
Section 7.3 Easement	16
Figure 7.3 Minimum easements for urban areas	17
Section 7.4 Infrastructure Development	18
Section 7.5 Traffic and Parking Concerns	18
Section 7.6 Waste Management	18
<b>Article 8. Zone Guidelines</b>	<b>18</b>
Section 8.1 General Provisions	18
8.1.1 Allowable Uses	18
8.1.2 Building Regulations	19
Figure 8.1 Percentage of Site Occupancy (PSO)	18
Section 8.2 Regulations for Building/Structure Design in the Heritage Overlay Zone	19
8.2.1 Development in the Historical & Tourism District Overlay Zone	20

8.2.2 Responsible Use of Existing Structures	20
8.2.3 Regulations for locally-declared heritage structures	20
8.2.4 Regulations for new construction within heritage sites	21
Section 8.3 Regulations on the Foreshore Land	21
Section 8.4 Environmental Conservation and Protection Standards	21
8.4.1 Open Spaces	21
8.4.2 Buffer Zone	21
8.4.3 Greenbelt Zone	21
Section 8.5 Infrastructure Capacities (Roads, ICT, paths, trails)	21
Section 8.6 Greening the Campus	21
<b>Article 9. Guidelines in Base Zones</b>	<b>22</b>
Section 9.1 Campus Core Zone	23
9.1.1 Campus Core 1 (CC-1)	22
Section 9.2 Academic Zone	22
9.2.1 Academic zone 1 (ACAD-1)	22
9.2.2 Academic zone 2 (ACAD-2)	22
Section 9.3 Science and Technology Park (ST)	23
9.3.1 Science and Technology Park 1 (ST-1) - S & T Central Complex	23
Section 9.4 Resource Generation Zone (RGZ)	23
9.4.1 Resource Generation Zone 1 (RGZ-1) - Agri-Business Hub	23
9.4.2 Resource Generation Zone 2 (RGZ-2) - Enterprise hub	23
Section 9.5 Residential Zone	24
9.5.1 Residential Zone 1 (RES-1) - Staff and Faculty	24
9.5.2 Residential Zone 2 (RES-2) - Student Dormitory	25
9.5.3 Residential Zone 3 (RES-3) - Sitio 1 and Sitio 2	25
Section 9.6 Community Service Zone	26
9.6.1 Community Service Zone 1 (COMM-1) - Community Services Facilities	26
9.6.2 Community Service Zone 2 (COMM-2) - Campus Utilities	26
9.6.3. Community Service Zone 3 (COMM-3) - Roads and Transportation Facilities	27
Section 9.7 Programmed Open Spaces	27
9.7.1 Programmed Open Spaces Zone 1 (POS-1) - Future Developable Areas	27
9.7.2 Programmed Open Spaces Zone 2 (POS-2) - Sports, Recreation, and Parks	27
9.7.3 Programmed Open Spaces Zone 3 (POS-3) - Reforestation	28
9.7.4 Programmed Open Spaces Zone 4 (POS-4) - Buffer Zones	28
Section 9.8 Protected Natural Open Spaces	28
9.8. 1 Protected Natural Open Spaces Zone 1 (PNOS-1) - Forest	28
9.8.2 Protected Natural Open Spaces Zone 2 (PNOS-2) - Watershed Overlay Zone	29
Section 9.9 Historical and Tourism Districts	29
9.9.1. Historical and Tourism District Overlay Zone (HTD-1)	29

Section 9.10 Cemetery (COMM 1) – For Miagao Campus Only	30
9.10.1 Cemetery/Memorial Park Zone 1 (C/MPZ-1)	30
Section 9.11 Infrastructure (Roads, ICT, paths, trails)	30
Section 9.12 Water Bodies (Rivers, Creeks)	30
<b>Article 10. Management Guidelines for Base Zones</b>	<b>30</b>
Section 10.1 Biodiversity Hub (clusters of open spaces, beach forest)	30
10.1.1 Objectives of the Biodiversity Hub	30
10.1.2 Coverage of the Biodiversity hub	31
10.1.3 Biodiversity Hub will have the following components:	31
Section 10.2 Management Guidelines for Parking Lots and Recreational Facilities	31
Section 10.3 Management Guidelines for Nature Trails and Camping Sites	32
<b>Article 11. Implementation and Administration in Base Zones</b>	<b>33</b>
Section 11.1 Tasks of OVCPD	34
Section 11.2 Tasks of OVCA	34
Section 11.3 Tasks of the UPV Iloilo Campus Infrastructure Committee	34
<b>Article 12. Amendments</b>	<b>34</b>
<b>Article 13. Non-Diminution of National Standard Penalty</b>	<b>35</b>
<b>Article 14. Consistency between National and Local Plans, Programs and Projects</b>	<b>35</b>
<b>Article 15. Separability Clause</b>	<b>35</b>
<b>Annexes</b>	<b>36</b>
Annexes A. Proposed Zoning Map of Miagao Campus (2021-2030)	36
Annexes B. Proposed Zoning Map of Iloilo City Campus (2021-2030)	37
Annexes C. Proposed Facilities Map of Miagao Campus (2021-2030)	38
Annex D. Proposed Facilities Map of Iloilo City Campus (2021-2030)	39
Annex E. Flood Hazard Map - UPV Miagao Campus	40
Annex F. Rain-Induced Landslide Hazard Map - UPV Miagao Campus	40
Annex G. Earthquake-Induced Landslide Hazard Map - UPV Miagao Campus	41
Annex H. Storm Surge Hazard Map - UPV Miagao Campus	41
Annex I. Liquefaction Hazard Map - UPV Miagao Campus	42
Annex J. Ground Shaking Hazard Map - UPV Miagao Campus	42
Annex K. Tsunami Hazard Map - UPV Miagao Campus	43
Annex L. Flood Hazard Map - UPV Iloilo City Campus	43
Annex M. Terrestrial Orchid and Trail Map - UPV Miagao Campus	44
<b>Key References</b>	<b>45</b>

## Article 1. Title of University Zoning Regulations

### Section 1.1 Title

This document shall be known as the “**Supplementary Zoning Guidelines for the University of the Philippines Visayas Iloilo**”, also referred as the “**Zoning Regulations**”. These zoning guidelines of UP Visayas Miagao and Iloilo City supplement the UP Campus Master Plan Design Principles and Development Guidelines (ODPI, 2014) that the UP Board of Regents (BOR) approved during its 1300<sup>th</sup> meeting on August 28, 2014.

## Article 2. Authority and Purposes

### Section 2.1 Authority of the Chancellor<sup>1</sup>

These supplemental zoning guidelines are enacted by the Chancellor in accordance with his/her delegated authority as stated in the Handbook on Existing Delineation of Authority in the University (2008, p.22).

### Section 2.2 Purposes

These guidelines are for the offices involved in the implementation of the Land Use Development and Infrastructure Plan (LUDIP) for Miagao and Iloilo City campuses for the planning period 2021-2030. The Plans were approved during the BOR’s 1374<sup>th</sup> meeting on September 29, 2022.

The University finds it necessary to implement these zoning guidelines to:

1. promote and protect the health, safety, comfort, convenience, and general welfare of the UPV community.
2. guide and regulate the growth and sustainable development of the lands of the University so that it can perform its core functions in instruction, research, and extension according to the Land Use Development & Infrastructure Plans (LUDIPs).
3. provide the enabling environment for optimal opportunities for innovation and creativity within the framework of inclusivity, community participation, and good governance.
4. enhance the distinct character and stable development of the campus core area, academic, resource generation zone, community services, residential, open space, key biodiversity areas, and heritage areas.
5. Prevent undue concentration of activities which may collectively cause harm to the campus’ population and resources.

## Article 3. General Principles

The UPV Miagao and the Iloilo City campuses have been identified by LGU-Miagao and LGU-Iloilo City as “institutional zone”. The following principles shall be observed for the utilization, protection, and sustainable development of the sub-zones within the institutional zone.

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<sup>1</sup> III. Existing delegation of authority to the Chancellor A. Policy Matters. 1. Formulation and recommendation of policies & programs to the constituent university for consideration of the President and approval by the Board (Handbook on Existing Delineation of Authority in the University, 2008).

### **Section 3.1. Development in Hazard-Prone Areas**

The zoning maps reflect that the developments will be in buildable areas with minimum mitigation and adaptation measures based on identified hazards and land issues related to climate vulnerability e.g., stormwater management, flooding, and storm intensity.

Existing developments shall be strengthened through land use and mitigation strategies, such as organizing the campus in logical subzones of compatible land uses, upgrading development standards to protect vulnerable areas (e.g., stronger floodplain regulations), requiring nonconforming properties to be brought into compliance with updated standards, and relocating existing structures to less-vulnerable areas when necessary. *See Annexes for hazard maps.*

### **Section 3.2 Sense of Place**

Creating a “sense of place” involves adopting the standard campus layout to preserve the University’s character of learning environment. The academic and academic-related buildings shall be clustered together with ample green spaces arranged in a park – like setting. Also, the zones shall observe appropriate styles and landscape to maintain its cohesive architectural environment. While the campus has a standard campus lay-out, it also has a social character that gives UP its unique culture. The university’s practices, values, and beliefs create pride and hold special meaning to the UP and non-UP constituents.<sup>1</sup>

### **Section 3.3 Environmental Resources Protection**

The zoning guidelines shall provide direction in developing and managing the resources of the campuses in a systematic and well-planned manner.

It is a policy of the University that all UP campuses shall be designed for the healthy co-existence of people, plants, and animals. Moreover, environmental impacts shall be minimized, and resource conservation shall be maximized through compact land use and incorporating low impact but high energy efficient development guidelines.

It is also the policy of the University that the value of biodiversity shall be acknowledged by creating, restoring, and maintaining large-block natural areas and improving their interconnections.

Everyone shall practice waste reduction or source reduction by strictly segregating at source, by maximizing the reuse and recycling of materials to the greatest extent possible, and by supporting the Green Procurement policies of the university.

### **Section 3.4 Building on a Human Scale**

The campuses' layout shall be compact, pedestrian-friendly, and designed to match the human scale. The students can walk to their classrooms from their dormitories, and to other places in consideration of the quality of the pedestrian walkway, the views along the way, and the people encountered when walking.

For height regulations, exemptions will be made for monuments, obelisks, and other commemorative structures, as well as churches, utilities, and other structures not covered by the height regulations of the National Building Code (1977).

### **Section 3.5 Mixed-Use Development**

The residential land-uses on the campus shall be mixed (e.g., residential and community services-1 or Resource Generation Zone), complementing each other, and distributed in neighborhood units near the academic zones. There will be places to live, work, eat, recreate, and shop for a vibrant and sustainable academic community.

### **Section 3.6 Transportation Options**

There shall be transportation options that maximize the movement of people and minimize the movement of cars. These options shall encourage walking, biking, and the use of public transportation thereby ensuring low carbon emission and promoting pedestrianization and inclusive mobility.

### **Section 3.7 Vibrant Public Spaces**

The campuses shall provide a variety of vibrant public spaces to be used for discourses, exhibits, performances, and other art and culture appreciation, fairs, and public events that will encourage natural congregation of people.

Campus buildings and exterior spaces shall be arranged to encourage human interaction and to foster a sense of shared community among the University's users. Blended spaces shall be established where food service, study space, and general meeting resources coexist.

### **Section 3.8 Design Matters**

The design of new buildings and renovations shall be architecturally compatible with the best features of existing adjacent buildings and to be harmonious with their contextual surroundings.

The design of new and renovated spaces shall be flexible to accommodate the changing needs and functions over time of the users.

Design criteria shall consider provision for shades, thermal comfort, landscaping, the presence of amenities, and aesthetics.

Public art appropriate to surrounding context shall be integrated into the open spaces (except in Protected Natural Open Spaces).

### **Section 3.9 Infrastructure and Utilities**

Prioritize reuse, renovation, and repurposing of existing buildings after carefully assessing alignment to programs, functionality, long-term maintenance, historic significance, location, energy efficiency, and replacement costs.

Pursue building and utility systems that encourage renewable resource use and that decrease waste and hazardous materials.

Implement a compact campus development by minimizing utility distribution extensions which are inefficient and costly to maintain.

Roads and trails shall be connected for easy monitoring and for entry and exit points especially in times of disasters.

### Section 3.10 Circulation on Campus

Campus buildings, circulation, open spaces are arranged and designed in accordance with the Accessibility Law.

The circulation shall establish smooth connection of academic, research, public service, and operational activities.

The circulation patterns shall reflect that the campus is part of the larger surrounding community.

### Section 3.11 Informal Settlements

All identified informal settlements within the lands of the University shall be relocated to other areas outside University's premises, in coordination with the LGU and concerned agencies, following prevailing laws and the University rules. Moreover, all existing informal settlements shall be treated with sensitivity, compassion, and social justice.

UPV reiterates the policy of the University that no new informal settlements or new informal settlers shall be allowed to set up a house within university lands upon the BOR's approval of the UP Development Principles and Design Guidelines (UP Campus Master Plan Development Guidelines, 2014, Sec. 2.7.c, p. 23).

## Article 4. Definition of Terms

The definition of the terms used in this Zoning Guidelines shall carry the same meaning in already approved codes and regulations, such as but not limited to the National Building Code, Water Code, Philippine Environmental Code, and other Implementing Rules and Regulations taken into effect by the Housing and Land Use Regulatory Board. Also, there are words, terms and phrases used in this document that have been adopted from the University of the Philippines Master Development Plan Development Principles and Design Guidelines (2014).

**Adaptive reuse** - shall refer to the utilization of buildings, other built structures, and sites of value for purposes other than that for which they were intended originally, to conserve the site, their engineering integrity and authenticity of design (Heritage Act 2009, Art. II.a).

**Allowable Uses** - uses that conform to those allowed in a specific zone allowed (CLUP Guidebook 2014, Volume 3, p. 7).

**Actual Use** - refers to the purpose for which the property is principally or predominantly utilized by the person in possession of the property.

**Building Height Limit (BHL)** - per the National Building Code, this is "the maximum height to be allowed for buildings/ structures...and shall be generally measured from the established grade line to the topmost portion of the proposed building/structure. If applicable, the BHL may be subject to clearance requirements of the Civil Aviation Authority of the Philippines (CAAP) or the concerned military/security authorities." BHL is expressed as the number of allowable storeys/floor above established grade and/ or meters above highest grade. (CLUP Guidebook 2014, Volume 3, Art. III, p. 7).



**Buffer/Greenbelt Zone** - an area within a city/municipality that are yards, parks or open spaces intended to separate incompatible elements or uses to control pollution/ nuisance and for identifying and defining development areas or zones where no permanent structures are allowed. (CLUP Guidebook 2014, Volume 3, p. 7).

**Camp** - the ground or spot on which tents, caravans/mobile homes, cottages, or other shelters, with sanitary and recreational facilities, are temporarily or permanently constructed and located and commonly arranged in an orderly manner used for vacation or outing ("Camps and Picnic Grounds" of the Code on Sanitation of the Philippines or P.D. 856, Sec 2.2.2).

**Campfire** - a fire made in a safe manner using untreated wooden materials, especially for the purpose of social gathering during nighttime ("Camps and Picnic Grounds" of the Code on Sanitation of the Philippines or P.D. 856, Sec 2.2.3).

**Compatible Uses** - different uses capable of existing harmoniously within a zone, e.g. residential and parks and playground uses subject to the conditions stipulated in the Zoning Guidelines.

**Comprehensive Land Use Plan (CLUP)** - is a technical document embodying specific proposals and strategies for guiding, regulating growth and/or development that is implemented through the Zoning Ordinance. The main components of the Comprehensive Land Use Plan in this usage are the land use plan and sectoral studies including Demography, Ecosystems Analysis (Terrestrial and Coastal), and Special Area Studies such as Climate Change Adaptation, Disaster Risk Reduction and Management, Ancestral Domain, Biodiversity, Heritage Conservation and Green Urbanism. (CLUP Guidebook 2014, Volume 3, Art. III, p. 8).

**Conforming Use** - a use that is in accordance with the zone guidelines.

**Conservation** - shall refer to all the processes and measures of maintaining the cultural significance of a cultural property including, but not limited to, preservation, restoration, reconstruction, protection, adaptation, or any combination thereof (Art. II, Sec. 3, I, Heritage Act 10066).

**Easement** - open space imposed on any land use/activities sited along waterways, road-rights-of-way, cemeteries/memorial parks, and utilities (CLUP Guidebook 2014, Volume 3, p. 8).

**Ecological solid waste management** - shall refer to the systematic administration of activities which provide for segregation at source, segregated transportation, storage, transfer, processing, treatment, and disposal of solid waste and all other waste management activities which do not harm the environment (Rule III, Sec. 1, IRR of RA 9003).

**End User** - refers to any person, group, organization, or office that will use the property as long term tenant and/or will be in-charge of the maintenance and operation of the property.

**Established Grade** - the finish ground level of a proposed development which shall be determined according to the provisions of the latest edition of the National Building Code. (CLUP Guidebook 2014, Volume 3, Art. III, p. 8).

**Floor Area Ratio (FAR)** - ratio between the gross floor area of a building and the area of the lot on which it stands, determined by dividing the gross floor area of the building and the area of the lot. The gross

floor area of any building should not exceed the prescribed floor area ratio multiplied by the lot area (CLUP Guidebook 2014, Volume 3, p. 10).

**Foreshore** - a string of land margining a body of water; the part of a seashore between the low-water line usually at the seaward margin of a low tide terrace and the upper limit of wave wash at high tide usually marked by a beach scarp or berm (Section 4 [48] of Republic Act No. 8550 The Philippine Fisheries Code of 1998).

**Interzonal** - between two or more zones.

**Intrazonal** - within the zone.

**Land Use Development and Infrastructure Plan** - it is a document that is following the national government's goal contained in RA 11396 of implementing a 'rational, holistic, efficient and just allocation, utilization, development and management of the country's land and water resources that is consistent with the principles of equity, social justice, environmental integrity and sustainable development'.

**(LUDIP) Act** - or RA 11396 or the SUCs Land Use Development and Infrastructure Plan (LUDIP) Act, an act requiring state universities and colleges (SUCs) to prepare and implement a land use and development plan that includes construction of dormitories for students and housing sites for employees.

**Mitigating Device** - a means to grant relief in complying with certain provisions of the Ordinance such as, but not limited to, those pertaining to use, building bulk and density, and performance standards. (CLUP Guidebook 2014, Volume 3, Art. III, p. 13)

**Non-Conforming Use** - uses that are existing prior to the approval of these Zoning Guidelines that are not in conformity with its provisions but are allowed to operate subject to the conditions of these Zoning Guidelines.

**Non-motorized transportation** - Non-motorized Transportation (also known as active transportation and human powered transportation) includes walking and bicycling, and variants such as small-wheeled transport (cycle rickshaws, skates, skateboards, push scooters and hand carts). These modes provide both recreation and transportation and are especially important for short trips up to 7 kms, which take up the largest share of trips in urban areas (<https://www.ctc-n.org/technology-library/land-transport/promotion-non-motorised-transport>).

**Percentage of Site Occupancy (PSO)** - defined as a percentage (%) of the maximum allowable floor area of any building (at the ground floor/ level, not the basement level) to the TLA. This includes the main and auxiliary buildings, if any. In case of discrepancy between the specified PSO and the Light and Ventilation provisions of the 1977 NBCP and its 2004 Revised IRR, the lesser allowable floor area shall prevail i.e., the more stringent rule applies (Rule VIII Light and Ventilation, IRR, National Building Code, 1977).

**Recyclable Materials** - shall refer to any waste material retrieved from the waste stream and free from contamination that can still be converted into suitable beneficial use or for other purposes, including, but not limited to, newspaper, ferrous scrap metal, non-ferrous scrap metal, used oil, corrugated cardboard, aluminum, glass, office paper, tin cans, plastics and other materials as may be determined by the Commission (Rule III, Sec. 1, IRR of RA 9003).

**Renovation** - any physical change made on buildings/structures to increase the value, quality, and/or to improve the aesthetic.

**Restoration** - shall refer to the action taken or the technical intervention to correct deterioration and alterations (Heritage Act 10066, Art. II, hh).

**Rezoning** - a process of introducing amendments to or change in the existing zoning of a particular area and reflected in the text and maps of the Ordinance [zoning guidelines] (CLUP Guidebook 2014, Volume 3, Art. III, p. 15).

**Setback** - the linear distance between the property line and the outermost protruded face of the building (National Building Code, 1977).

**Zone** - an area within the campus delineated for having specific characteristics, uses, purposes, and restrictions as presented in these zoning guidelines.

**Zoning** - is the division of a city/municipality into zones or sub-zones (e.g., commercial, residential, industrial, institutional, agricultural, forest, etc.) according to present and potential uses of land to maximize, regulate, and direct their use and development in accordance with the Comprehensive Land Use Plan. Zoning is concerned primarily with the use of land and the regulation of development through imposition of building heights, bulk, open space, and density provisions in each area (HLURB, CLUP Guidebook, Volume 3, p. 1).

The intent of zoning and having sub-zones is applied in the context of the UPV Iloilo campuses and in accordance with the LUDIP.

**Zoning Map** - a duly authenticated map delineating the different zones.

**Zoning Officer** - an employee of the university responsible for the implementation/enforcement of the Zoning Guidelines.

## Article 5. Acronyms

<b>BHL</b>	Building Height Limit
<b>BOR</b>	Board of Regents
<b>CAAP</b>	Civil Aviation Authority of the Philippines
<b>CLUP</b>	Comprehensive Land Use Plan
<b>ICT</b>	Information and Communications Technology
<b>LGU</b>	Local Government Unit
<b>LUDIP</b>	Land Use Development and Infrastructure Plan
<b>NBC</b>	National Building Code
<b>NCCA</b>	National Commission for Culture and Arts
<b>NHCP</b>	National Historical Commission of the Philippines
<b>ODPI</b>	Office of Design and Planning Initiatives
<b>OVCPCD</b>	Office of the Vice Chancellor for Planning and Development

**SARP** Site Acquisition Resettlement Project  
**SDRP** Site Development Reforestation Project  
**UPV** University of the Philippines Visayas  
**UPV Iloilo CIC** UP Visayas Iloilo Campus Infrastructure Committee

## Article 6. Zone Classifications

The UPV Miagao and Iloilo City campuses are divided into the following zones as shown in the Official Zoning Maps, following the codes in the BOR-approved UP Campus Master Plan Design Principles and Development Guidelines (ODPI, 2014).

**Table 6.1 Zones, Codes, Colors, and Description**

ZONE	Code	COLOR	DESCRIPTION
Campus Core Zone	CC - 1	Green (0,255,0)	Refers to the historic and unifying center of the campus - with appropriately maintained pioneer buildings, heritage trees, and other campus elements that shall become the inspiration for all future developments on-campus.
Academic	ACAD - 1	Sky Blue (127,223,255)	<p>Zone is composed of academic clusters based on the site groupings of related academic programs and fields of specialization.</p> <p>This is where teaching and research activities are situated, normally in choice positions around the Campus Core.</p>
Academic Support	ACAD - 2	Light Blue (0,255,255)	<p>Zone is composed of academic-support spaces where research and student services are performed. It is recommended that the buildings in this zone are inter-collegiate managed to enhance the networking functions of related colleges.</p> <p>Activities in this zone shall include research and professional services for outside/non-University entities, especially national and local government offices, the procedures, and products of which are intended to contribute to or strengthen the University database.</p>

ZONE	Code	COLOR	DESCRIPTION
Science and Technology Park	ST - 1	Purple (102,127,204)	This mixed-use zone shall drive the knowledge economy, where UP as an academic and R&D institution links with business/industry for the generation of basic materials and technological innovations.
Resource Generation Zone - Agri-Business Hub	RGZ - 1	Red (204,0,51)	<p>This mixed-use zone shall allow the utilization, development, and management of natural economic resources that promotes generation of income and revenue stream that support the delivery of UPVs tripartite mandate - academic, R&amp;D and extension.</p> <p>This zone is also intended to establish the coco seed farm in support to strengthen the coconut industry as well as the utilization and generation of income from the land properties.</p>
Resource Generation Zone - Enterprise Hub	RGZ - 2	Maroon (128,0,0)	<p>This mixed-use zone shall allow for the development and generation of resources, both income and knowledge-based, the benefits of which shall redound to the students, faculty, and staff.</p> <p>Zone endorses art and technology incubators that encourage faculty, staff, and students to develop their ideas and research into social and commercial ventures that are beneficial to the community.</p>
Residential 1 - Staff and Faculty Housing	RES - 1	Light Yellow (255,255,127)	This refers to residential areas for faculty and staff composed of single-detached, duplex and townhouse type designs. Land/buildings and land only may be leased out at market rates to accredited lessees according to a predetermined time frame.
Residential 2 - Student Dormitory	RES - 2	Yellow (255,255,0)	<p>This refers to residential areas for faculty and students composed of medium-rise walk-up housing and dormitories located in clusters.</p> <p>This zone shall allow the conversion of the ground floor of such mid-rise buildings to house services for the occupants, such as: laundry shops, sari-sari stores, boutiques, beauty and barber shops, coffee and food shops, internet cafes and tailor shops according to the rules and regulations of the University. It shall also allow the building of a central</p>

ZONE	Code	COLOR	DESCRIPTION
			clubhouse that shall house the rest and recreational spaces needed for the use of the faculty and students.
Residential 3 - Sitio 1 & Sitio 2	RES - 3	Dark Yellow (204,204,0)	These residential areas are for university-accredited residents who service the University and its constituents in various capacities as well as the officially identified people who have been affected by the transfer of the university to Miagao campus.  A system of accreditation shall be formulated to regulate bona fide informal settlements (Section 2.7, ODPI, 2014).
Community Services 1 - Community Services Facilities	COMM - 1	Light Gray (173,173,173)	These services directly deal with the constituents of the university.
Community Services 2 - Campus Utilities	COMM - 2	Dark Gray (132,132,132)	These services deal with securing and maintaining the facilities of the university.
Community Services 3 - Roads & Transportation Facilities	COMM - 3	Darker Gray (100,100,110)	Refer to roads and transportation facilities within the university.
Programmed Open Spaces 1 - Future developable areas	POS - 1	Mid Green (153,204,0)	Large tracts of campus green spaces, integrated with softscape and hardscape in a designed exterior environment, which allows for a variety of human activities, both passive and active.
Programmed Open Spaces 2 - Sports, Recreation, and Parks	POS - 2	Dark Olive Green (85,107,47)	Parks and Playgrounds is a type of open space which caters to the recreational needs of the residents of the community; that section of the campus which is generally not built on and intended for passive or active recreation.  Sports and Recreation contains the basic features of a sports center, but in addition, it has a gymnasium with ample space allotted to spectators' gallery. It must also have training and housing facilities for athletes such as dormitory, cafeteria, classrooms, and administrative offices. All these facilities must be in one area, adjacent to one another.

ZONE	Code	COLOR	DESCRIPTION
Programmed Open Spaces 3 - Reforestation	POS - 3	Fluorescent Yellow (212,255,82)	These are sections of the campus that can be used for replanting trees that have been affected by natural disturbances like wildfires, drought, and insect and disease infestations — and unnatural ones like logging, mining, agricultural clearing, and development. This can mean anything from supporting natural regeneration in an area that has been degraded to planting ecologically appropriate tree seedlings after forest fires.
Programmed Open Spaces 4 - Buffer zones	POS - 4	Army Green (75,83,32)	The buffer zone is a protective area/strip/belt surrounding a Historic Center/Heritage Zone, which could be streets or established boundaries such as creeks, rivers, cluster areas, town plazas, fenced properties or compounds, or natural surroundings.
Protected Natural Open Spaces 1 - Forest	PNOS - 1	Dark Green (76,153,0)	<p>These are designated zones of natural or man-made forests, waterways, wetlands, and geo-hazard areas which shall remain untouched and protected, in accordance with law and University rules and regulations.</p> <p>In relation to the needs of the faculty, students, and staff, it shall be used mainly for Wildlife Habitat (UWH) for academic purposes with minimum or no negative human intervention.</p>
Protected Natural Open Spaces 2 - Watershed Overlay Zone	PNOS - 2	Darker Green Diagonal Lines (0,51,0)	a designated zone of land area drained by a stream or fixed body of water and its tributaries having a common outlet for surface run-off. It is synonymous with a catchment area or drainage basin. (PD 1559 & PD 705)
Historical and Tourism District - Historical and Tourism District Overlay Zone	HTD - 1	Orange Diagonal Lines (255,127,0)	These are sections of the campus with historically and/or architecturally significant buildings or structures that are preserved and/or developed, based on university-approved parameters and existing laws, for their heritage and tourism potential.

ZONE	Code	COLOR	DESCRIPTION
Cemetery / Memorial Park Zone 1	C/MPZ - 1	Darker Green (0,51,0)	The Cemetery Zone shall be used primarily for burial and related activities.

*Note: Reference Table from University of the Philippines, Office of Design and Planning Initiatives and University of the Philippines, Office of the Vice President for Development (2014). University of the Philippines Master Development Plan Development Principles and Design Guidelines. However, a few subzones and descriptions must be added to fit the context of UPV.*

## Article 7. General Regulations

### Section 7.1 Area Regulations

Area regulations in all zones shall conform to the applicable minimum requirements of existing laws, codes and issuances such as, but are not limited to:

1. PD 1096 – National Building Code
2. PD 1185 – Fire Code
3. PD 856 – Sanitation Code
4. RA 6541 – Structural Code
5. Batas Pambansa 344 – Accessibility Law
6. CA 141 or Public Land Act – public lands, including foreshore and reclaimed lands
7. PD 705 or Revised Forestry Code – forestlands
8. PD 1076 or Water Code of the Philippines – inland and coastal waters, shorelines, and riverbank easements
9. RA 6969 or Toxic Substances and Hazardous and Nuclear Wastes Control Act
10. RA 9275 – Clean Water Act
11. RA 8749 – Clean Air Act
12. RA 9003 – Ecological Solid Waste Management Act
13. RA 7586 or National Integrated Protected Areas Act – protected areas in both land and seas
14. RA 8371 or Indigenous People’s Rights Act (IPRA) – ancestral lands
15. RA 8435 or Agriculture and Fisheries Modernization Act (AFMA) – SAFDZs and prime agricultural lands
16. RA 8550 or Revised Fisheries Code – municipal waters and coastal zones
17. RA 9593 or Philippine Tourism Act – tourism zones and estates
18. RA 9729 or Philippine Climate Change Act, as amended
19. RA 10066 or Philippine Cultural Heritage Act – cultural and heritage zones/areas
20. RA 10121 or Disaster Risk Reduction and Management Act – disaster-prone and geo-hazard areas
21. RA 11285 – Energy Efficiency and Conservation Act
22. Philippine Green Building Code
23. RA 4136 or Land Transportation and Traffic Code
24. DENR Administrative Order 2021-005 or Establishment of Legal Easements Along the Seas, Rivers, Lakes, Esteros, and Creeks



25. American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE) Standards
26. SB Ordinance 1994-5. An Ordinance Declaring the University of the Philippines Visayas Miagao Campus, Forestry Area, and Greenbelt Area, Within the Location of the Municipality of Miagao as Bird Sanctuaries

### Section 7.2 Height Regulations

- A. The Building Height Limit (BHL) is 15 meters above highest grade. Building height must conform with height restrictions and requirements of the Civil Aviation Authority of the Philippines (CAAP), the National Building Code, Structural Code, Iloilo City Heritage Ordinance and other ordinances of the city/province and regulations related to land development and building construction.
- B. Building density, bulk regulations, and setback are subject to relevant provisions of the National Building Code and other relevant laws.
- C. Subject to national locational guidelines and standards of concerned agencies (e.g., Civil Aviation Authority of the Philippines, National Commission for Culture and Arts).

**Table 7.2 Setbacks for Commercial, Industrial, Institutional and Recreational Buildings**

Road Right-of-Way (RROW) Width (meters)	Front (meters)	Side (meters)	Rear (meters)
30.00 & above	8.00	5.00	5.00
25.00 to 29.00	6.00	3.00	3.00
20.00 to 24.00	5.00	3.00	3.00
10.00 to 19.00	5.00	2.00	2.00
Below 10.00	5.00	2.00	2.00

Source: National Building Code (1977).

### Section 7.3 Easement

Pursuant to the provisions of the Water Code: 1) the banks of rivers and streams and the shores of the seas and lakes throughout their entire length within a zone of three (3) meters in urban areas, twenty (20) meters in agricultural areas and forty (40) meters in forest areas, along their margins, are subject to easements of public use in the interest of recreation, navigation, floatage, fishing and salvage. This is reiterated in the DENR Administrative Order 2021-005 on the establishment of legal easements along the seas, rivers, lakes, esteros, and creeks.

No person shall be allowed to stay in this zone longer than what is necessary for space or recreation, navigation, floatage, fishing or salvage or to build structures of any kind.

There is a mandatory five-meter easement on both sides of earthquake fault traces on the ground as identified by PHIVOLCS.

If wider than 9.00 meters, the easement may include a roadway/carrageway component on which vehicles can pass or on which the same may temporarily park, e.g., an esplanade and the like (See Figure below) Pedestrian access-ways and the like and to be located at/above/below the easement may also be

developed for public use, e.g., a promenade and the like (See Figure below). The allowed structures / developments include:

- 1) Hardscape (paved) pedestrian access-ways such as walks, footpaths or arcades; temporary or movable hardscape; elements such as gazebos, sheds, fountains, and structures with large footprints must not encroach on the easement.
- 2) Softscape (paved) developments such as park strips, linear parks, and the like as well as small tree farms are encouraged for recreational, livelihood and soil stabilization/protection purposes.

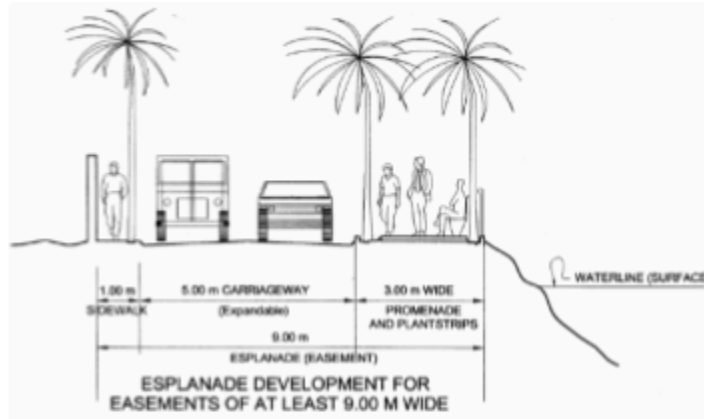


Figure VII.G.1.



Figure VII.G.2.

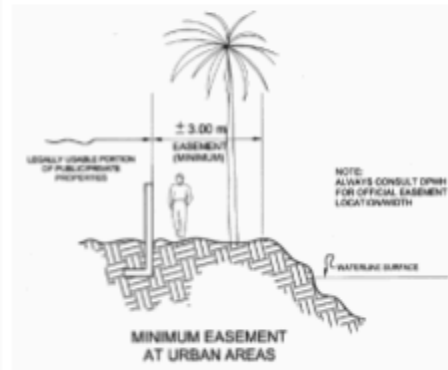


Figure VII.G.3.

**Figure 7.3 Minimum easements for urban areas** (Source: National Building Code, 1977).

### Section 7.4 Infrastructure Development

Any modifications to the existing buildings and all new buildings require the review of the UPV Iloilo Campus Infrastructure Committee (CIC) and the Chancellor's endorsement for BOR approval.

Non-infrastructure projects (e.g., research, training, service delivery) with pronounced impact to the environments and landscape of the area will be referred to the concerned committee for its review and approval by the Chancellor.

## **Section 7.5 Traffic and Parking Concerns**

A Traffic Impact Assessment or its equivalent for developments shall be conducted in Academic, Community Service 1, Resource Generation Zones, and Science and Technology Park Zones.

The prescribed maximum speed for motorized and non-motorized vehicles (e.g., bicycles) on campus is 30 kilometers per hour (kph) (The Land Transportation and Traffic Code (RA 4136)) unless otherwise stated for other parts of the campus. The speed of 30 kph is applied to Academic Zones, the residential zones, and to areas with high foot traffic e.g., the college buildings, cafeteria, and the library.

Bikers will share the road with cars, pedestrians, and other non-motorized transportation (e.g., skateboards, scooters, pedicabs).

Traditional and modernized jeeps shall be allowed to ply around the campus except in Residential Zones and other zones stated in university issuances.

Public tricycles shall be allowed to travel regularly in flat areas on campus but not in the SOTECH and CAS areas, the Regional Resource Center, and the Main Library areas due to steep slope, noise, and/or air pollution.

Parking areas within the University shall be designed to minimize conflict between the pedestrian group and the vehicular group. Linkages between parking areas and pedestrian walkways are encouraged, which shall also be well connected to transport access.

## **Section 7.6 Waste Management**

The University practices ecological solid waste management following the provisions of RA 9003. This means segregation of wastes are practiced in buildings and accommodation housing while waste diversion is observed in designated facilities on campus, i.e., the Material Recovery Facility, in COMM 2. Recyclables are collected by designated personnel per building while non-recyclable wastes are collected by the Local Government Unit (Sec I. 10, Chapter II. Institutional Mechanism, RA 9003).

# **Article 8. Zone Guidelines**

## **Section 8.1 General Provisions**

Zone guidelines refer to Use and Building Regulations as described below:

### **8.1.1 Allowable Uses**

The uses enumerated in the succeeding sections are not exhaustive nor all inclusive. The UPV Iloilo CIC may allow other uses subject to the requirements of the Mitigating Devices provision of these Zoning Regulations.

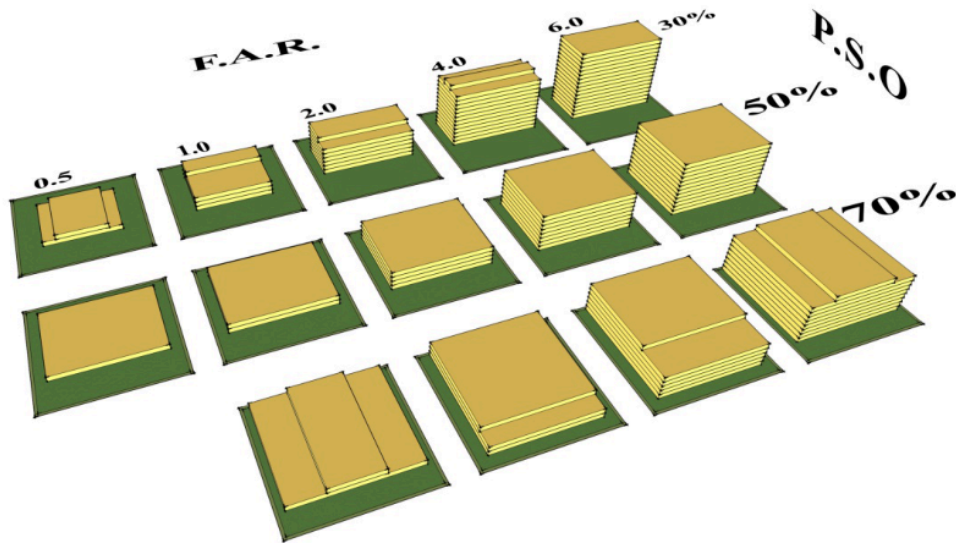
Specific uses/activity of lesser density within a particular zone (RES-1) maybe allowed within the zone of higher density (RES-2, RES-3) but not vice versa, nor in another and its subdivisions (e.g. R2/MXD, R-3/MXD) except for uses expressly allowed in said zones, such that the cumulative effect of zoning shall be intrazonal and not interzonal.

### 8.1.2 Building Regulations

The building regulations specify whether buildings/structures may be allowed in specific zones/sub-zones. When allowed, buildings/structures shall be designed, constructed, and operated in accordance with the requirements of UP Campus Master Plan Design Principles and Development Guidelines as well as with the relevant provisions of the National Building Code (NBC) and these Zoning Regulations (CLUP Guidebook 2014, Article 5, p. 19).

The design of buildings/structures and the height must be in consonance with the NBC and to architectural design to ensure harmony with the desired character of the zone in consideration.

Generally, academic environments shall be designed with more exterior areas for discourse and for passive as well as active recreation. As a rule, a Percentage of Site Occupancy (PSO) of from 30% to 50% is acceptable (UP Campus Master Plan Development Guidelines, 2014, Sec. 2.3.c, p. 13).



**Figure 8.1 Percentage of Site Occupancy (PSO)**

Source: UP Campus Master Plan Development Guidelines, 2014, Sec. 2.3.c, p. 13

### Section 8.2 Regulations for Building/Structure Design in the Heritage Overlay Zone

- A. The repair and maintenance guidelines as stipulated by NHCP guidelines shall be followed by the end user for buildings that underwent restoration.
- B. The proposal for the demolition, repair, renovation, restoration, and construction of any buildings or structures should be done by the end user following indicative procedure. Approval for the demolition and restoration shall be presented to the BOR; Repair and renovation shall be approved by the Chancellor (PDLC Memo 2017-03).
- C. Building height limit (BHL) within the buffer zone shall not be more than the roof apex of the declared heritage structure (Guidelines, Policies and Standards for the Conservation and Development of Historic Centers/Heritage Zones, NHCP 2012).
- D. All other relevant prohibitions as may be stipulated in pertinent issuances of the university, the LGU, or in national laws shall be applied.

### 8.2.1 Development in the Historical & Tourism District Overlay Zone

- A. 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), RA 9514 (Fire Code of the Philippines), RA 11285 (Energy Efficiency and Conservation Act (Republic Act No. 11285), RA 10066 (National Cultural Heritage Act), and other relevant laws and issuances.
- B. Regulations for buildings earmarked for conservation shall observe the following guidelines:
  - 1. The demolition, major alteration, and new addition to a building's façade shall be guided by BOR provisions on the disposition of properties (PDLC Memo 2017-03).
  - 2. Unauthorized additions and alterations diminishing the significance of the façade's original design shall be removed.
  - 3. Materials to be used for the proposed additions and alterations shall be similar or compatible with the original buildings.
- C. A Conservation Management Plan shall be crafted for the UPV Iloilo City Campus by a multidisciplinary committee to be formed by the Chancellor.

### 8.2.2 Responsible Use of Existing Structures

- A. A Historical and Cultural Significance Study is required for all structures and sites, fifty years old and above as required by law (Republic Act 10066: An Act Providing for the Protection and Conservation of the National Cultural Heritage, Strengthening the National Commission for Culture and the Arts and its Affiliated Cultural Agencies and for Other Purposes) and shall be approved by the National Commission for Culture and the Arts (NCCA) and the National Historical Institute (NHI). (UP Campus Master Plan Development Guidelines, 2014, Sec. 3.2.a, p. 24)
- B. Buildings and sites in university premises with architectural and cultural significance as well as historic value shall be conserved through regular maintenance and honored with the natural process of decay and its evolution in time.
- C. For adaptive re-use, contemporary extensions, or alterations on historic buildings, construction must be compatible with the original structure and its context and shall be distinguishable from the old to protect the heritage of the structure and its site and landscaped environment. Any variations must not detract from the property's integrity and significant features but must act cohesively, respecting and promoting both the new addition as well as the historic part of the building and site (UP Campus Master Plan Development Guidelines, 2014, Sec.6.0, p. 66).

### 8.2.3 Regulations for locally declared heritage structures

- A. Secure conservation clearance from the concerned LGU office following its guidelines.
- B. The repair, renovation, and restoration work, including building and landscape, shall ensure that the original architectural design of a given period is maintained based on a systematic assessment of the structure by a committee to be formed by the Chancellor.

### 8.2.4 Regulations for new construction within heritage sites

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

### **Section 8.3 Regulations on the Foreshore Land**

The university shall follow the guidelines of the DENR and of the LGU for foreshore land and applicable provisions in the Solid Waste Management Act (RA 9003).

### **Section 8.4 Environmental Conservation and Protection Standards**

#### **8.4.1 Open Spaces**

Open spaces provide a sense of place and are key factors in creating a collegiate atmosphere indicative of higher learning. They serve as areas for learning, research, contemplation, gathering, study, and recreation, as well as habitats for native wildlife (UP Campus Master Plan Development Guidelines, 2014, Sec.5.3, p. 62).

Open spaces and other unbuilt areas are kept in their natural states (i.e., uncemented areas), as deemed necessary by OVCPD with proper consultation with UPV offices and/or other external agencies and the LGUs.

#### **8.4.2 Buffer Zone**

Corridors along creeks and other water bodies shall be reinforced with a landscape buffer consisting of native, indigenous, or endemic vegetation to provide shelter and sources of food for wildlife. This buffer shall have a minimum width of 15 meters and a recommended width of 30 meters extending on both sides of the creek (UP Campus Master Plan Development Guidelines, 2014, Sec.5.4, p. 64).

#### **8.4.3 Greenbelt Zone**

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

### **Section 8.5 Infrastructure Capacities (Roads, ICT, paths, trails)**

Impact studies shall be conducted (e.g., Environmental Impact, Traffic Impact Assessment) as required by national and local laws.

Developments shall follow the National Building Code and all other relevant laws and regulations.

The OVCPD-CDMO shall oversee the maintenance of roads, utilities (water and electricity), and pathways in both Miagao and Iloilo City campuses, including the utilities in the Camping Grounds.

### **Section 8.6 Greening the Campus**

The types of trees to be planted shall be carefully selected to promote native trees that are in harmony with the surrounding environment and that are appropriate for specific site conditions (e.g., type of soil, size constraint, root space restriction, sun exposure, etc.) and desired functions (e.g., shade, enhanced biodiversity, clean air, improved microclimate, runoff control, beautification, valuable derived products, etc.).

The OVCPD-SDRP shall oversee the maintenance of the trails, the Camping Grounds, the arboretum, and the plants along the Campus Core in the Miagao campus.

The OVCA-CDMO is in-charge of the maintenance in the Chancellor's Park.

## Article 9. Guidelines in Base Zones

Base Zones refer to the primary zoning classification of areas within the UPV Miagao and Iloilo City Campus and that are provided with a list of allowable uses and guidelines.

### Section 9.1 Campus Core Zone

#### 9.1.1 Campus Core 1 (CC-1)

- A. Allowable Uses
  - 1. Pioneer buildings (Academic Buildings)
  - 2. Avenue
  - 3. Parks

### Section 9.2 Academic Zone

#### 9.2.1 Academic zone 1 (ACAD-1)

- A. Allowable Uses
  - 1. Academic buildings
  - 2. Research buildings
  - 3. Customary accessory uses incidental to any of the above uses such as:
    - a) Offices
    - b) Eateries/canteens
    - c) Parking
    - d) Kiosks
    - e) Student Tambayan
    - f) Toilet facilities

#### 9.2.2 Academic zone 2 (ACAD-2)

- A. Allowable Uses
  - 1. Research and professional services for outside/non-University entities
  - 2. University Theater and Performance Centers
  - 3. University Cinema
  - 4. University Museum and Art Gallery
  - 5. University Library
  - 6. University Press and Bookstore
  - 7. University Student Activities and Study Centers
  - 8. University Extension Buildings
  - 9. Customary accessory uses incidental to any of the above uses such as:
    - 3) Offices
    - 4) Eateries/canteens
    - 5) Parking
    - 6) Kiosks
    - 7) Student Tambayan

8) Toilet facilities

### **Section 9.3 Science and Technology Park (ST)**

#### **9.3.1 Science and Technology Park 1 (ST-1) - S & T Central Complex**

The S and T Park is a mixed-use zone that shall drive the knowledge economy, where UP as the academic institution links with business/industry for the generation of basic materials and technological innovations. The ST shall be guided by the following principles:

- A. Promote and develop the area as the center for food and agri-aqua industry by providing adequate compatible land uses and infrastructure.
- B. Promotes architectural designs, landscapes and streetscapes that encourages a walkable environment.
- C. Provide a mix of housing designs for residents that are affordable. Compact development is encouraged to maximize land resource decrease travel time while promoting walking and use of bicycles.
- D. Encourage construction of buildings that promote natural ventilation and are energy efficient in terms of electricity and water resources.
- E. Provide parks, gathering spaces and corridors for residents and employees to socialize.
- F. Plant tree lines for shades and improve air quality.

### **Section 9.4 Resource Generation Zone (RGZ)**

#### **9.4.1 Resource Generation Zone 1 (RGZ-1) - Agri-Business Hub**

- A. Allowable Uses
  1. Seedling Storage
  2. Agricultural Land
  3. Botanical Gardens
  4. Organic Farming
  5. Allotment garden
  6. Ponds
  7. Farmers' Market
  8. Greenhouse/Nursery
  9. Storage House
  10. Farmers' House
  11. Farmer's Pavilion
  12. Agri-aqua tourism

#### **9.4.2 Resource Generation Zone 2 (RGZ-2) - Enterprise hub**

- A. Allowable Uses
  1. Retail Shops
    - a) Bookstore and office supply shops
    - b) Art supplies and novelties
    - c) Home Appliance stores
    - d) Photo shops
    - e) Consumer electronics such as cellular phones, cameras, laptops, home appliances
    - f) Drugstores
  2. Restaurants and other eateries
  3. Food market and shops



- a) Bakery, cake, pastry, and delicatessen shops
- b) Groceries
- c) Convenience stores
- 4. Product showroom/display store
- 5. Warehouse/storage facility for non-pollutive/non-hazardous finished products
- 6. Personal service shops like:
  - a) Medical, dental, and similar clinics
  - b) Beauty parlor
  - c) Barber shops
  - d) Dressmaking and tailoring shop
- 7. Bayad centers
- 8. Laundries
- 9. Internet cafe and cyber stations
- 10. Photo/video, lights & sounds services
- 11. Catering services
- 12. Water stations
- 13. Courier services
- 14. Travel agencies
- 15. Repair shops
- 16. Short term special education like:
  - a) Dance schools
  - b) School for self-defense
  - c) Driving school
  - d) Speech clinics
  - e) Tutorial centers
- 17. Financial institutions/services like:
  - a) Banks
  - b) Stand-alone automated teller machine (ATM)
  - c) Foreign exchange
- 18. Printing, publication, and graphic shops
- 19. Mixed-use buildings (Retail shops with dormitories, etc.)
- 20. Customary accessory uses incidental to any of the above uses such as:
  - a) Offices
  - b) Storerooms and warehouses but only as may be necessary for the efficient conduct of the business
  - c) Toilet facilities

## **Section 9.5 Residential Zone**

### **9.5.1 Residential Zone 1 (RES-1) - Staff and Faculty**

#### **A. Allowable Uses**

- 1. Single-detached House
- 2. Duplex House
- 3. Townhouse
- 4. Faculty-student Village
- 5. Faculty and Staff Entrepreneurial activities:
  - a) Indoor Art Gallery for Faculty and Student Works
  - b) Outdoor (Public) Art Plaza
  - c) T-shirt and Poster Printing Shop

- d) Software Development
  - e) Food Technology Incubator Restaurant
  - f) Herbal Medicine Center
  - g) Acupuncture and Alternative Medicine
  - h) Model Making for Architectural Presentation
  - i) Design and Drafting Services
  - j) Green Contraptions Development for the House (Mechanical & Electrical Engineering)
  - k) Music Making and Performance Incubators
  - l) Health, Recreation, and Fitness Centers
- B. Non-Allowable Uses
- 1. Funeral Parlors and Crematorium
  - 2. Liquor Shops and selling of liquor in restaurants
  - 3. Firearms stores
  - 4. Pollutive Industrial activities (noise, dust, bad smell)
  - 5. Poultry, Piggery, and commercial raising of animals

### 9.5.2 Residential Zone 2 (RES-2) - Student Dormitory

- A. Allowable Uses
- 1. Medium-Rise walk-up housing
  - 2. Dormitory
  - 3. Student Village
  - 4. Student Lounge
  - 5. Central Clubhouse for Students and Faculty
  - 6. Student Tambayan
  - 7. House services:
    - a) Laundry shops
    - b) Convenience store
    - c) Boutiques
    - d) Beauty and barber shops
    - e) Coffee and Food shops
    - f) Internet cafes
    - g) Tailor shops
- B. Non-Allowable Uses
- 1. Same as RES-1

### 9.5.3 Residential Zone 3 (RES-3) - Sitio 1 and Sitio 2

- A. Allowable Uses
- 1. Relocation Center
  - 2. Evacuation Center
  - 3. House services:
    - a) Laundry shops
    - b) Convenience store
    - c) Boutiques
    - d) Beauty and barber shops
    - e) Coffee and Food shops
    - f) Internet cafes
    - g) Tailor shops

- B. Non-Allowable Uses
  - 1. The regulations of the national agencies and of the LGU shall be followed for the non-allowable uses.

## **Section 9.6 Community Service Zone**

### **9.6.1 Community Service Zone 1 (COMM-1) - Community Services Facilities**

- A. Allowable Uses
  - 1. Relocation Center
  - 2. University Shopping Center
  - 3. University Hotel and Convention Center
  - 4. University Health Service and Wellness Centers
  - 5. University Geriatric Center
  - 6. University Spiritual Centers
  - 7. University Post Office
  - 8. Animal Care Center
  - 9. UPV Museum of Natural Sciences
  - 10. Diwata Aquascape
  - 11. Material Recovery Facility
  - 12. Customary accessory uses incidental to any of the above uses such as:
    - a) Offices
    - b) Parking
    - c) Storerooms and warehouses but only as may be necessary for the efficient conduct of the business
    - d) Toilet facilities
- B. Non-Allowable Uses
  - 1. Fireworks shops
  - 2. Gambling Activities
  - 3. Funeral Parlors and Crematorium
  - 4. Liquor Shops and selling of liquor in restaurants
  - 5. Firearms stores
  - 6. Pollutive Industrial activities (noise, dust, bad smell)
  - 7. Poultry, Piggery, and commercial raising of animals

### **9.6.2 Community Service Zone 2 (COMM-2) - Campus Utilities**

- A. In this sub-zone, only the following uses are allowed:
  - 1. University Police and Fire Stations
  - 2. Logistics Center/Campus Logistics and Maintenance Offices
  - 3. Power plants (thermal, hydro, wind, solar)
  - 4. Warehouse, Storage
  - 5. Repair Garages
  - 6. Workshops
  - 7. Powerhouse
  - 8. Sub-station
  - 9. Telecommunication facilities
  - 10. Water tanks
  - 11. Settling Tanks
  - 12. Collector Wells

13. Reservoir Tanks
14. Pump stations
15. Liquid and solid waste management facilities
16. Customary accessory uses incidental to any of the above uses such as:
  - a) Offices
  - b) Parking
  - c) Storerooms and warehouses but only as may be necessary for the efficient conduct of the business
  - d) Toilet facilities

### 9.6.3. Community Service Zone 3 (COMM-3) - Roads and Transportation Facilities

- A. Allowable Uses
  1. University Bus and Transportation Hub
  2. Parking Spaces
  3. Bike Parking Area
  4. Roads

## Section 9.7 Programmed Open Spaces

### 9.7.1 Programmed Open Spaces Zone 1 (POS-1) - Future Developable Areas

- A. Allowable Uses
  1. Research and academic facilities
- B. Non-Allowable Uses
  1. Funeral Parlors and Crematorium
  2. Liquor Shops and selling of liquor in restaurants
  3. Firearms stores
  4. Pollutive Agro-Industrial activities (noise, dust, bad smell)

### 9.7.2 Programmed Open Spaces Zone 2 (POS-2) - Sports, Recreation, and Parks

- A. Allowable Uses
  1. Sports Facilities
    - a) Soccer field
    - b) Oval
    - c) Baseball Field
    - d) Basketball Court
    - e) Volleyball Court
    - f) Marching Grounds
    - g) Tennis Court
    - h) Swimming Pool
    - i) Other approved sports facilities
  2. Nature trails
  3. Camping grounds
  4. Parks and playgrounds
  5. Meditation gardens
  6. Outdoor Study Areas (Learning Hub)
  7. Student Tambayan
  8. Discourse Areas:
    - a) Amphitheater

- b) Plaza
- c) Outdoor music arenas
- d) Demonstration corner
- 9. Customary accessory uses incidental to any of the above uses such as:
  - a) Offices
  - b) Eateries/canteens
  - c) Parking
  - d) Kiosks
  - e) Retail stores
  - f) Toilet facilities

B. Non-Allowable Uses

- 1. Karaoke/Videoke

### 9.7.3 Programmed Open Spaces Zone 3 (POS-3) - Reforestation

A. Allowable Uses

- 1. Tree planting sites
- 2. Arboretum
- 3. Plant Nursery
- 4. Agriculture, Silviculture, Horticulture

### 9.7.4 Programmed Open Spaces Zone 4 (POS-4) - Buffer Zones

A. Allowable Uses

- 1. Easement for waterways
- 2. Constructed Wetlands
- 3. Open spaces/gardens
- 4. Ground-level or underground parking structures/facilities
- 5. Parks and Park Structures:
  - a) Playgrounds
  - b) Jogging trails
  - c) Bicycle trails

B. Non-Allowable Uses

- 1. Pollutive Industrial Projects (due to noise, dust, bad smell)

## Section 9.8 Protected Natural Open Spaces

### 9.8. 1 Protected Natural Open Spaces Zone 1 (PNOS-1) - Forest

A. Allowable Uses

- 1. Shelter for wildlife
  - a) Trees for birds
  - b) Tall grass for insects
  - c) Clump of trees beside a waterway for endemic trees
  - d) Place to rear the young
- 2. Exploration of energy source for the purpose of gathering data and information with the least damage to the environment
- 3. Renewable energy project with permission by appropriate agencies/authorities such as DENR/DOE.

B. Non-Allowable Uses

1. Hunting, killing, gathering, collecting of wildlife or their derivatives
2. Illegal logging
3. Kaingin
4. Dumping of garbage and toxic waste
5. Vandalizing, defacing or destroying natural formations
6. Construction of any kind without prior written permission from authorized offices.

### 9.8.2 Protected Natural Open Spaces Zone 2 (PNOS-2) - Watershed Overlay Zone

- A. Allowable Uses
  1. Watershed
    - a) Research and other educational or exploratory activities with prior written consent.
    - b) Tree planting
- B. Non-Allowable Uses
  1. Hunting, killing, gathering, collecting of wildlife or their derivatives
  2. Illegal logging
  3. Kaingin
  4. Dumping of garbage and toxic waste
  5. Vandalizing, defacing or destroying natural formations
  6. Construction of any kind without prior written permission from authorized offices.

## Section 9.9 Historical and Tourism Districts

### 9.9.1. Historical and Tourism District Overlay Zone (HTD-1)

- A. Allowable Uses
  1. Cultural properties as defined in the Heritage Act (RA 10066)
    - a) National cultural treasures
    - b) Important cultural property
    - c) World heritage sites
    - d) National historical shrine
    - e) National historical monument
    - f) National historical landmark
  2. Cultural Property Considered Important Cultural Property
    - a) Works by a Manlilikha ng Bayan
    - b) Works by a National Artist
    - c) Unless declared by the National Museum
    - d) Archaeological and traditional ethnographic materials
    - e) Unless declared by the National Historical Institute
    - f) Works of national heroes
    - g) Marked structure
    - h) Structures dating at least fifty (50) years old
    - i) Unless declared by the National Archives
    - j) Archival material/document dating at least fifty (50) years old

## **Section 9.10 Cemetery (COMM 1) – For Miagao Campus Only**

### **9.10.1 Cemetery/Memorial Park Zone 1 (C/MPZ-1)**

- A. Allowable Uses
  - 1. Memorial Parks
  - 2. Cemetery
  - 3. Columbarium
  - 4. Ossuary
  - 5. Customary accessory uses incidental to any of the above uses such as:
    - a) Chapels
    - b) Parks and playground
    - c) Pocket parks
    - d) Parkways
    - e) Promenades
    - f) Toilet facilities
  - 6. Construction and transfer are subject to HLURB Rules and Regulations for Memorial Parks and Cemeteries and other applicable guidelines/standards of concerned agencies.

## **Section 9.11 Infrastructure (Roads, ICT, paths, trails)**

- A. Allowable Uses
  - 1. Transport Terminal
  - 2. Pumping plants [water supply, storm drainage, sewerage, irrigation, and waste treatment plants
  - 3. Liquid and solid waste management facilities
  - 4. Climate monitoring facilities
  - 5. Telecommunication facilities such as cell (mobile) phone towers

## **Section 9.12 Water Bodies (Rivers, Creeks)**

- A. Allowable Uses
  - 1. Rivers and creeks within the property of the university shall be used only with proper coordination with concerned LGUs and agencies.
- B. Non-Allowable Uses
  - 1. Discharge of harmful, toxic, or pollutive substances directly or indirectly in bodies of water or along the easement.
  - 2. Discharge of harmful, toxic, or pollutive substances in the soil that will contaminate the groundwater.
  - 3. Disposal of medical waste
  - 4. All other prohibited acts under RA 9275 or the Philippine Clean Water Act of 2004.

## **Article 10. Management Guidelines for Base Zones**

### **Section 10.1 Biodiversity Hub (clusters of open spaces, beach forest)**

The project aims to account for the natural assets inside the campus and maximize biodiversity to enhance overall “greenness” of the university to align policies/features towards the UN Sustainable Development Goals (SDGs).

### 10.1.1 Objectives of the Biodiversity Hub

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

### 10.1.2 Coverage of the Biodiversity hub

1. As indicated in the UPV LUDIP Biodiversity Hub Map
2. Guidelines for conservation and preservation during pre – construction, construction phase and post construction phase shall follow the provisions in the Biodiversity Handbook of the University of the Philippines Biodiversity (2021).
3. Use and application of chemicals and other toxic wastes shall be prohibited.
4. The same rules and guidelines shall be applied to other areas of concern e.g., expansions.

### 10.1.3 Biodiversity Hub will have the following components:

1. Beach forest park
2. Arboretum (revival) (additional component)
3. Nature Park
4. Constructed wetlands
5. Bambusetum
6. Other allowable uses/activities
  - a. Hiking trails
  - b. Bird watching
  - c. Research related activities
7. Non-Allowable Uses
  - a. Parking areas
  - b. Catching, hunting, harvesting of flora and fauna
  - c. Illegal logging
  - d. Camping
  - e. Dumping of chemicals and toxic wastes

## Section 10.2 Management Guidelines for Parking Lots and Recreational Facilities

1. There shall be one person/supervisor or office who will oversee all the activities and events at the recreational areas and parks.
2. The assigned person/supervisor or office will ensure that the facilities are properly maintained. Maintenance includes regular lawn mowing, tree trimming, and removal of leaf or debris.
3. UPV recreational facilities, study hub, and parking lots shall be used primarily by UPV Community (faculty, students, staff, and visitors).
4. Unnecessary noise/shouting is prohibited within the vicinity of the surrounding area, so as not to disturb the neighboring buildings or classrooms, especially students in the study hub.



5. Smoking/vaping and drinking alcoholic/hard liquor is highly prohibited within the vicinity. Security guards on duty shall apply the implementing guidelines/rules governing conduct on said violations.
6. Parking:
  - a) There shall be designated parking areas and schedule of parking of vehicles.
  - b) Overnight parking is not allowed except when authorized.
  - c) Blowing of horns is prohibited to avoid disturbance to classes and offices nearby.

### Section 10.3 Management Guidelines for Nature Trails and Camping Sites

1. Development of camping ground and its facilities shall be referred to in the prepared camping plan showing the camping ground boundaries, location of buildings, access roads, trails, toilets, and sewage facilities within the area.
2. Seasonal closures shall be observed on trails and camping sites based on the natural cycle of the plants found in the area and to ensure the safety of most of the users in specific times of the year. *See map for sightings of ground orchids in Miagao campus.*
3. Camping grounds shall be located on moderately well or better drained land with an average natural slope of not more than 12 percent.<sup>2</sup>
4. The camping ground shall have all weather path walks connected to the existing street or road.
5. The area of camping sites shall not exceed 50 percent of the total gross areas of the designated camping ground.<sup>3</sup>
6. Existing trees and shrubbery shall be retained.
7. Lighting shall be provided in all pathways, access roads, toilets, and other important facilities within the camping grounds. Electric service shall be provided to each camp site. Such electric service shall be installed underground.
8. The campground shall be provided with a connection to a centralized sewage system.
9. SDRP and SSF shall set up appropriate and sufficient signages for directions.
10. No structures shall be erected in the camping grounds without prior written permission from the Office of the Vice chancellor for Planning and Development and the Office of the Vice Chancellor for Administration.
11. Records of visitors shall be always maintained within the camping grounds by SDRP and SSF.
12. The SDRP shall designate an area for tent set-up.
13. There are areas in campgrounds that have been set aside for the sole purpose of nature preservation. Coordination with SDRP and SSF must be made for any alteration of these sites and creation of new ones.
14. Bringing your own water container is strongly encouraged; bottled water is strictly prohibited.
15. The lay out of the camping grounds includes separation of active and passive areas. There are also separate wash areas while smart-dry toilet areas are in one place. The wash area should have at least 2 to 3 faucets to accommodate a large group of campers.
16. There is a designated cooking area.
17. Gender-oriented toilets should be adjacent to the wash area. The wash and toilet areas are situated away from the water reservoir to avoid water contamination.

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<sup>2</sup> Source: [https://codelibrary.amlegal.com/codes/clifontwp/latest/clifontwp\\_pa/0-0-0-3447](https://codelibrary.amlegal.com/codes/clifontwp/latest/clifontwp_pa/0-0-0-3447) Part 8: Campground Development Standards and Requirement Improvements

<sup>3</sup> Source: [https://codelibrary.amlegal.com/codes/clifontwp/latest/clifontwp\\_pa/0-0-0-3447](https://codelibrary.amlegal.com/codes/clifontwp/latest/clifontwp_pa/0-0-0-3447) Part 8: Campground Development Standards and Requirement Improvements

18. Camp Fire Safety:
  - a) The SSF shall provide the fire safeguards to protect the campers and the environment from wildfires especially during dry season.
  - b) The SSF shall make visible the fire escape exit plan in different locations throughout the camping grounds.
  - c) The SSF and SDRP shall ensure that open fires are not allowed especially if unsupervised.
  - d) The SSF and SDRP shall ensure that only one campfire ring for the bonfire activity is maintained and ensure that proper supervision is sustained.
    - i. For low impact on the ground, use a Camping Fire Mat or Pan for a bonfire. It is one big round iron sheet/plate elevated from the ground using stone as its base.
    - ii. Fire pit using a garbage can shall not be allowed.
    - iii. Burning trash in the campfire is not advised as plastic bags and foil emit toxic smoke into the air, land, and water leading to pollution of the environment.
    - iv. Cooking activities and the method of cooking must be declared upon registration and shall be approved by the SSF.
19. The CDMO shall oversee maintaining proper waste management inside the camping site.
20. When setting camp, do not dig trenches or hang hammocks without the proper authorization.
21. Staying on existing trails is strongly encouraged. Going off trail can damage or kill certain plant or animal species and can hurt the ecosystems that surround the trail.
22. Wild animal or bird hunting is strictly prohibited.
23. Feeding or touching farm animals without supervision is not allowed.
24. Activities allowed in the campsites:
  - a) Card and Board Games
  - b) Star gazing
  - c) Charades or Catchphrase
  - d) Team Building Activities
  - e) Trivia Games
  - f) Acoustic Jamming
  - g) Rope course (plan for an additional rope course area)
  - h) Picnicking
25. All participants must undergo an orientation by the OVCPD-SDRP staff, submit a waiver form, and register one week before the scheduled activity to OVCPD-SDRP.
26. Loud generators are not allowed within the camp sites.

## **Article 11. Implementation and Administration in Base Zones**

The OVCA and OVCPD, in coordination with the colleges, shall be responsible for the implementation/administration of these Zoning Guidelines.

A committee will be created to draft conservation and preservation guidelines on flora and fauna and to be implemented by specific offices concerned.

Research and other educational activities should secure written permission from concerned offices.

### **Section 11.1 Tasks of OVCPD**

The OVCPD shall:

- A. Ensure that projects are compliant with the University regulations, design principles, campus master plans.
- B. Verify the location of proposed buildings or other infrastructure that is allowed to be built within the zone.
- C. Recommend the revision, extension, reduction, or any changes thereof in the zoning boundaries.
- D. Provide initial feedback of new developments or major renovations, for evaluation or clarification by the UPV CIC.
- E. Coordinate with OVPD and concerned government agencies of the recommended changes in the conduct of the review of the Zoning Guidelines.
- F. Designate a Zoning Officer.

### **Section 11.2 Tasks of OVCA**

The OVCA shall:

- A. In charge of the maintenance, monitoring, and evaluation of existing buildings, pathways, roads, and utilities (water, electricity, sewer, irrigation canal, and drainage).
- B. Provide feedback of repair works that may change the use or design character of the structure, for evaluation or clarification by the UPV CIC.
- C. Maintain the security on campus thru the OVCA-SSF by regularly monitoring priority areas e.g., the Perimeter Boundaries, Sitios 1 and 2, Coastal Area, and the Trails
- D. Conduct further studies from the result of the operations, as needed.

### **Section 11.3 Tasks of the UPV Iloilo Campus Infrastructure Committee (UPV Iloilo CIC)**

1. Review the Zoning Guidelines for the following purposes:
  - Determine amendments or revisions necessary in the Zoning Guidelines because of changes that might have been introduced in the LUDIP.
  - When there are applications for rezoning and reclassification by the government.
2. Recommend to the Management Committee the necessary amendments to the Zoning Guidelines resulting in a review conducted.
3. Review reports on non-compliance with the provisions of the Zoning Guidelines and make recommendations for action by the appropriate office.

## **Article 12. Amendments**

The UPV Iloilo CIC shall make a review of the Zoning Regulations considering the LUDIP, based on the following reasons/ situations:

1. Updating/Revision of the LUDIP.
2. Introduction of projects of national and/ or local significance.
3. Force majeure events with university-wide land use implications .
4. Petition for re-zoning/re-classification from the LGU with campus-wide implications.

### **Article 13. Non-Diminution of National Standard Penalty**

The rules and standards provided in these Zoning Guidelines shall conform to the rules and standards provided by national agencies and shall not in any way diminish those that have been set by national laws and regulations.

### **Article 14. Consistency between National and Local Plans, Programs and Projects**

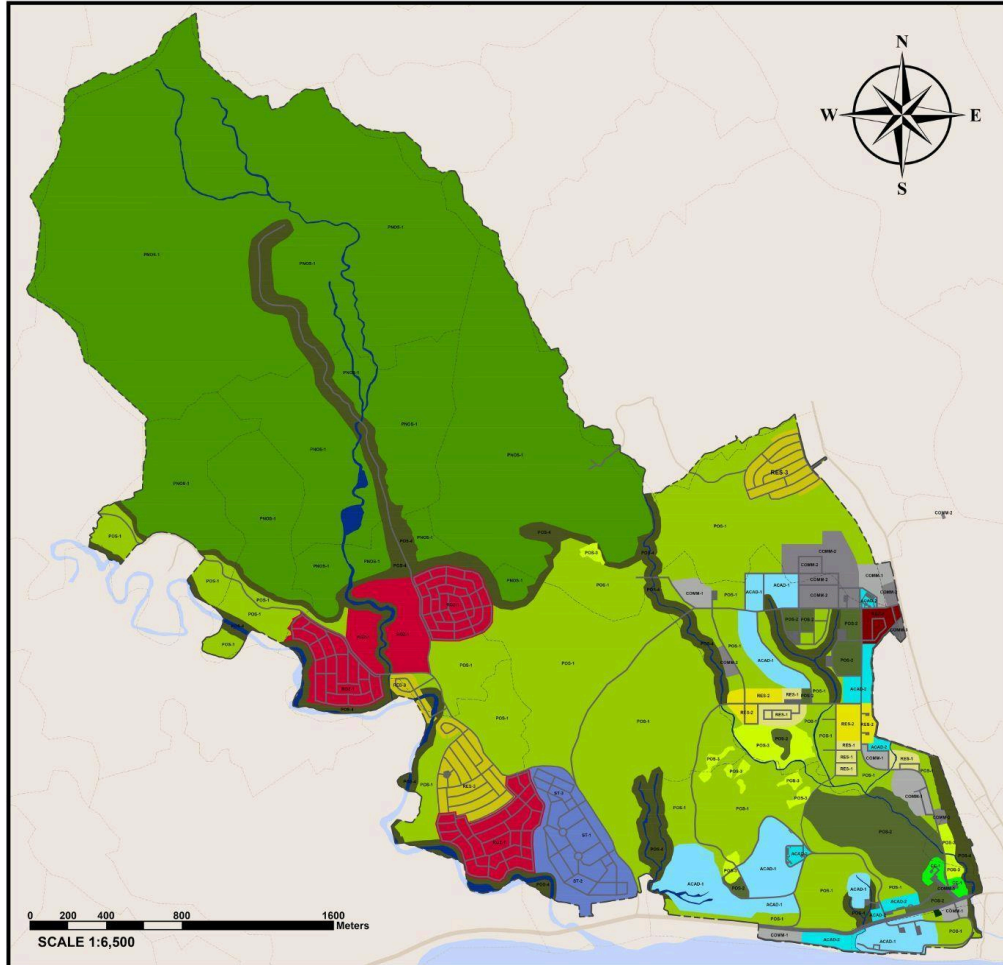
Plans, programs, and projects of national agencies that will be implemented within the university shall be consistent with the provisions of these zoning guidelines.


### **Article 15. Separability Clause**

If any provision of these Zoning Guidelines shall be held invalid or unconstitutional, the other portions or provisions hereof which are not affected shall continue in full force and effect.

# Annexes

## Annex A. Proposed Zoning Map of Miagao Campus (2021-2030)






**UNIVERSITY OF THE PHILIPPINES VISAYAS**  
**MIAGAO CAMPUS**  
**ZONING MAP**  
**(2021-2030)**



**LEGEND:**



LAND USE / ZONING	COLOR INDEX	LAND USE / ZONING	COLOR INDEX	LAND USE / ZONING	COLOR INDEX
<b>CAMPUS CORE</b>		<b>RESIDENTIAL ZONE</b>		<b>PROGRAMMED OPEN SPACES ZONE</b>	
CAMPUS CORE 1 (CC-1)	CC-1	RESIDENTIAL ZONE 1 - STAFF AND FACULTY (RES-1)	RES-1	PROGRAMMED OPEN SPACES ZONE 4 - BUFFER ZONES (POS-4)	POS-4
<b>ACADEMIC ZONE (ACAD-1)</b>		RESIDENTIAL ZONE 2 - STUDENT DORMITORY (RES-2)	RES-2	<b>PROTECTED NATURAL OPEN SPACES ZONE</b>	
ACADEMIC BUILDINGS (ACAD-1)	ACAD-1	RESIDENTIAL ZONE 3 - BTRD 1 & BTRD 2 (RES-3)	RES-3	PROTECTED NATURAL OPEN SPACES ZONE 1 - FOREST (PNOS-1)	PNOS-1
<b>ACADEMIC ZONE 2 (ACAD-2)</b>		<b>COMMUNITY SERVICE ZONE</b>		PROTECTED NATURAL OPEN SPACES ZONE 2 - WATERSHED OVERLAY ZONE (PNOS-2)	PNOS-2
RESEARCH AND EXTENSION BUILDINGS (ACAD-2)	ACAD-2	COMMUNITY SERVICE ZONE 1 - COMMUNITY SERVICES FACILITIES (COMM-1)	COMM-1	<b>HISTORICAL AND TOURISM DISTRICT</b>	
<b>SCIENCE AND TECHNOLOGY PARK ZONE</b>		COMMUNITY SERVICE ZONE 2 - CAMPUS UTILITIES (COMM-2)	COMM-2	HISTORICAL AND TOURISM DISTRICT OVERLAY ZONE (HTD-1)	HTD-1
S & T PARK ZONE 1 - S & T CENTRAL COMPLEX (ST-1)	ST-1	COMMUNITY SERVICE ZONE 3 - ROADS & TRANSPORTATION FACILITIES (COMM-3)	COMM-3	<b>CEMETERY/MEMORIAL PARK ZONE</b>	
<b>RESOURCE GENERATION ZONE</b>		<b>PROGRAMMED OPEN SPACES ZONE</b>		CEMETERY/MEMORIAL PARK ZONE 1 (CMPZ-1)	CMPE-1
RESOURCE GENERATION ZONE 1 - AGRI-BUSINESS HUB (RGZ-1)	RGZ-1	PROGRAMMED OPEN SPACES ZONE 1 - FUTURE DEVELOPABLE AREAS (POS-1)	POS-1	<b>UPV MIAGAO CAMPUS LOT BOUNDARY</b>	■ ■ ■ ■
RESOURCE GENERATION ZONE 2 - ENTERPRISE HUB (RGZ-2)	RGZ-2	PROGRAMMED OPEN SPACES ZONE 2 - SPORTS, RECREATION, AND PARKS (POS-2)	POS-2	<b>UPV MIAGAO BARANGAY BOUNDARY</b>	■ ■ ■ ■
		PROGRAMMED OPEN SPACES ZONE 3 - REFORESTATION (POS-3)	POS-3	<b>WATERWAYS</b>	— — — —



Projection: Universal transverse  
 Mercator Zone 51N  
 Datum: WGS 1984  
 Source: OVCPD  
 Prepared By: OVCPD  
 Date: May 2023

# Annex B. Proposed Zoning Map of Iloilo City Campus (2021-2030)



**UNIVERSITY OF THE PHILIPPINES VISAYAS**  
**ILOILO CITY CAMPUS**  
**ZONING MAP**  
 (2021-2030)

**LEGEND:**

LAND USE / ZONING	COLOR INDEX
<b>CAMPUS CORE</b>	
CAMPUS CORE 1 (CC-1)	CC-1
<b>ACADEMIC ZONE (ACAD-1)</b>	
ACADEMIC BUILDINGS (ACAD-1)	ACAD-1
<b>ACADEMIC ZONE 2 (ACAD-2)</b>	
RESEARCH AND EXTENSION BUILDINGS (ACAD-2)	ACAD-2
<b>SCIENCE AND TECHNOLOGY PARK ZONE</b>	
S & T PARK ZONE 1 - S & T CENTRAL COMPLEX (ST-1)	ST-1
<b>RESOURCE GENERATION ZONE</b>	
RESOURCE GENERATION ZONE 1 - AGRIBUSINESS HUB (RGZ-1)	RGZ-1
RESOURCE GENERATION ZONE 2 - ENTERPRISE HUB (RGZ-2)	RGZ-2
<b>RESIDENTIAL ZONE</b>	
RESIDENTIAL ZONE 1 - STAFF AND FACULTY (RES-1)	RES-1
RESIDENTIAL ZONE 2 - STUDENT DORMITORY (RES-2)	RES-2
RESIDENTIAL ZONE 3 - SITIO 1 & SITIO 2 (RES-3)	RES-3
<b>COMMUNITY SERVICE ZONE</b>	
COMMUNITY SERVICE ZONE 1 - COMMUNITY SERVICES FACILITIES (COMM-1)	COMM-1
COMMUNITY SERVICE ZONE 2 - CAMPUS UTILITIES (COMM-2)	COMM-2
COMMUNITY SERVICE ZONE 3 - ROADS & TRANSPORTATION FACILITIES (COMM-3)	COMM-3
<b>PROGRAMMED OPEN SPACES ZONE</b>	
PROGRAMMED OPEN SPACES ZONE 1 - FUTURE DEVELOPABLE AREAS (POS-1)	POS-1
PROGRAMMED OPEN SPACES ZONE 2 - SPORTS, RECREATION, AND PARKS (POS-2)	POS-2
PROGRAMMED OPEN SPACES ZONE 3 - REFORESTATION (POS-3)	POS-3
PROGRAMMED OPEN SPACES ZONE 4 - BUFFER ZONES (POS-4)	POS-4
<b>PROTECTED NATURAL OPEN SPACES ZONE</b>	
PROTECTED NATURAL OPEN SPACES ZONE 1 - FOREST (PNOS-1)	PNOS-1
PROTECTED NATURAL OPEN SPACES ZONE 2 - WATERSHED OVERLAY ZONE (PNOS-2)	PNOS-2
<b>HISTORICAL AND TOURISM DISTRICT</b>	
HISTORICAL AND TOURISM DISTRICT OVERLAY ZONE (HTD-1)	HTD-1
<b>CEMETERY/MEMORIAL PARK ZONE</b>	
CEMETERY/MEMORIAL PARK ZONE 1 (CMPZ-1)	CMPZ-1
<b>UPV ILOILO CITY CAMPUS LOT BOUNDARY</b>	
<b>UPV ILOILO CITY CAMPUS FENCED AREA</b>	
<b>UPV ILOILO CITY BARANGAY BOUNDARY</b>	
<b>WATERWAYS</b>	

**ILOILO CITY ZONING CLASSIFICATION**

LAND USE / ZONING	COLOR INDEX
COMMERCIAL - 2 / MIXED	
UTILITIES, TRANSPORTATION & SERVICES	



Projection: Universal transverse  
 Mercator Zone 51N  
 Datum: WGS 1984  
 Source: OVCPD  
 Prepared By: OVCPD  
 Date: 07 March 2023



# Annex D. Proposed Facilities Map of Iloilo City Campus (2021-2030)






**UNIVERSITY OF THE PHILIPPINES VISAYAS**  
ILOILO CITY CAMPUS  
**FACILITIES MAP**  
(2021-2030)

**LEGEND:**

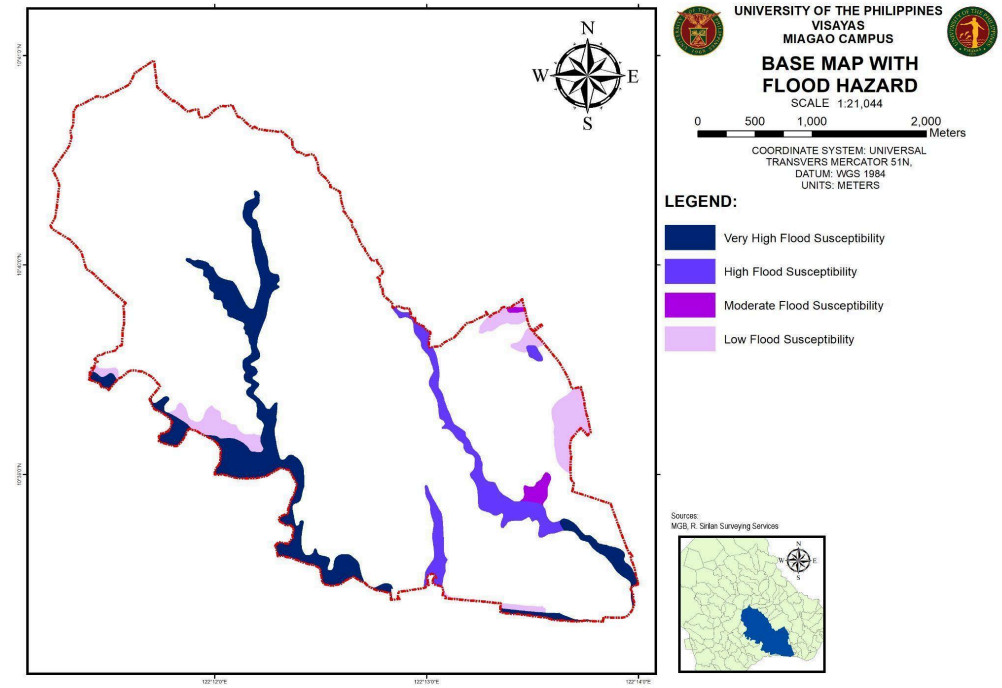
ACTUAL ROAD	THE WOMAN'S CLUB BUILDING
PROPOSED ROAD	UP HIGH SCHOOL ILOILO (UPHS) NEW BUILDING
UPV ILOILO CITY CAMPUS LOT BOUNDARY	UPHSI SENIOR HIGH SCHOOL BUILDING
ILOILO CITY BARANGGAY BOUNDARY	DELGADO ST. GATE & GUARD BOOTH
UPV FENCED AREA	INFANTE ST. GATE & GUARD BOOTH
ACTUAL FACILITIES	YBIERNAS ST. GATE & GUARD BOOTH
UPV MAIN BUILDING	GEN. LUNA ST. GATE & GUARD BOOTH
OBLATION	LANDBANK ATM
UPV ILOILO CITY AVENUE	PARKING AREA
ADMIN SERVICES BUILDING	BICYCLE AND MOTORCYCLE PARKING AREA
BALAY ILONGGO (RESIDENCE HALL)	UPV OFFICIAL CAR PARKING AREA
CM LOUNGE	OPEN FIELD
COLLEGE OF MANAGEMENT BUILDING	PROPOSED FACILITIES
POWERHOUSE 2	GEN. LUNA SERVICE GATE
TECHNO PARK	BUS PARKING AREA
CDMO OFFICE & STORAGE	POWERHOUSE 1 EXTENSION
ALL UP WORKERS ALLIANCE BUILDING	BIKE LANE
UPV CINEMATHEQUE (CINEMA EXMUNDO)	ACTIVITY AREA 1
GENDER AND DEVELOPMENT PROGRAM BUILDING	ACTIVITY AREA 2
SENTRO NG WIKA BUILDING	ACTIVITY AREA 3
HOFILEÑA BUILDING	UPV ALUMNI CENTER & CAFETERIA
TRANSFORMER PAD	STUDENT TAMBAYAN AREA
AUDITORIUM	CISTERN (RAIN WATER HARVESTING)
POWERHOUSE 1	SEWAGE TREATMENT PLANT
LITTLE THEATER	STORAGE & WORKSHOP
BASKETBALL COURT	MATERIALS RECOVERY FACILITY
CHEMISTRY BUILDING	TRANSFORMER PAD
GRADUATE & CONTINUING EDUCATION BUILDING	NETWORK OPERATIONS CENTER
STUDENT LOUNGE	OPEN SPACE FOR PARK / LANDSCAPE
OLD HIGH SCHOOL BUILDING	



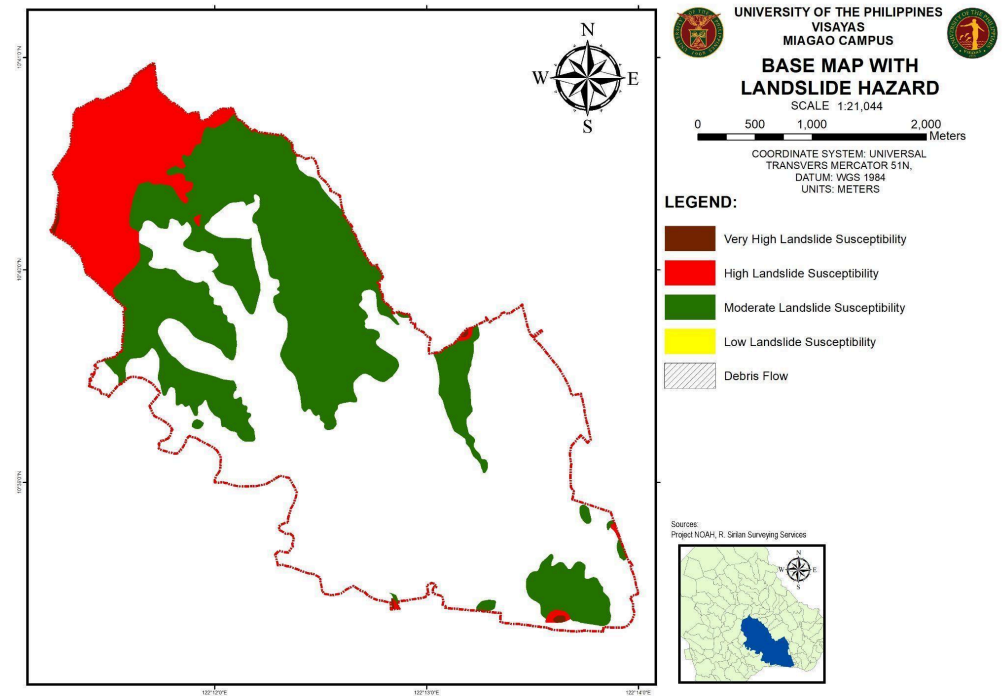
Projection: Universal transverse  
Mercator Zone 51N  
Datum: WGS 1984  
Source: OVCPD  
Prepared By: OVCPD  
Date: 07 March 2023



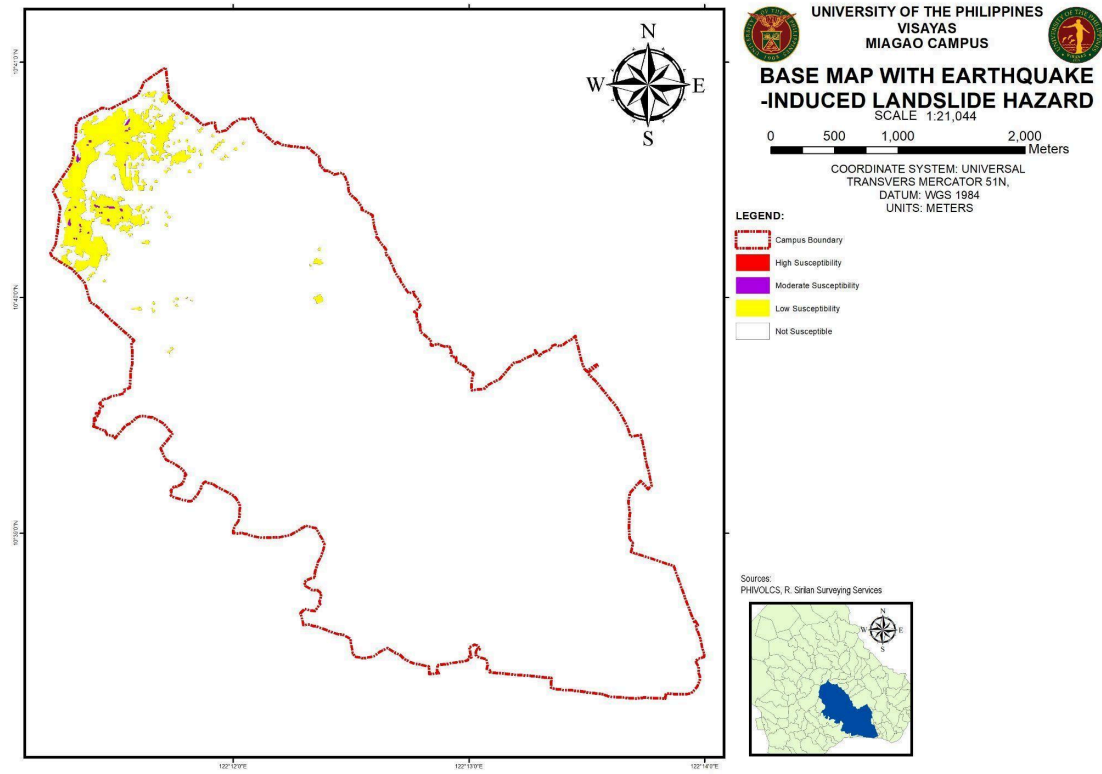
## Annex E. Flood Hazard Map - UPV Miagao Campus



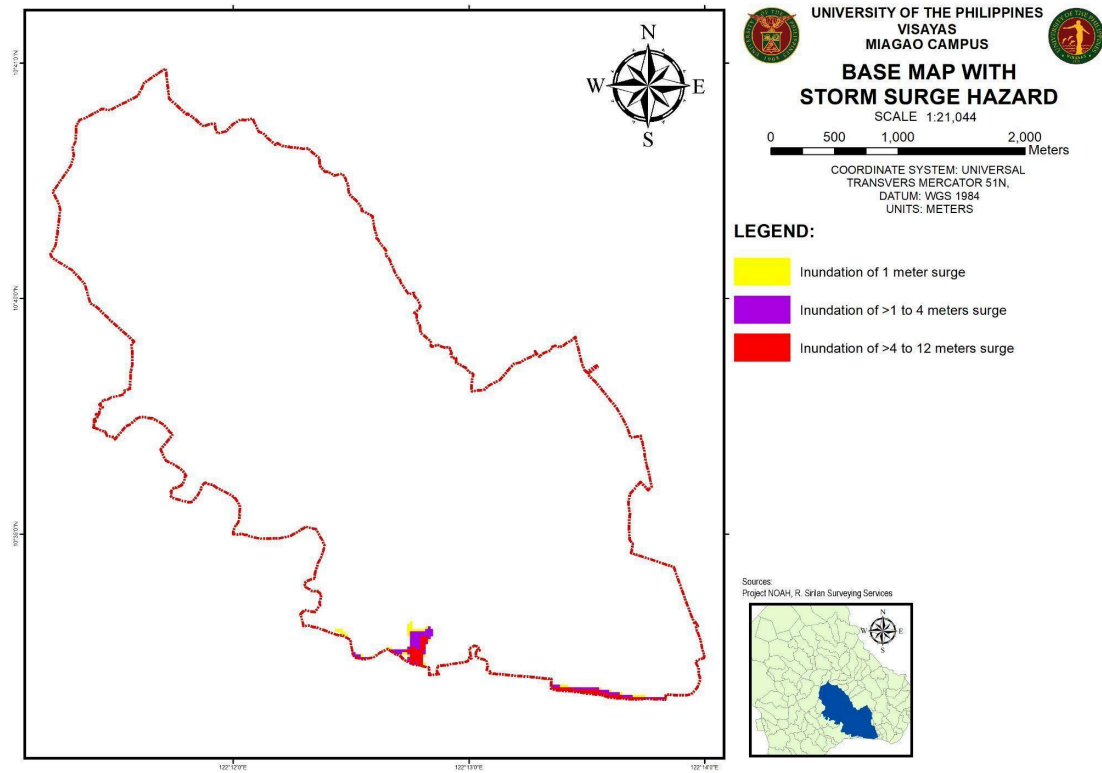
## Annex F. Rain-Induced Landslide Hazard Map - UPV Miagao Campus



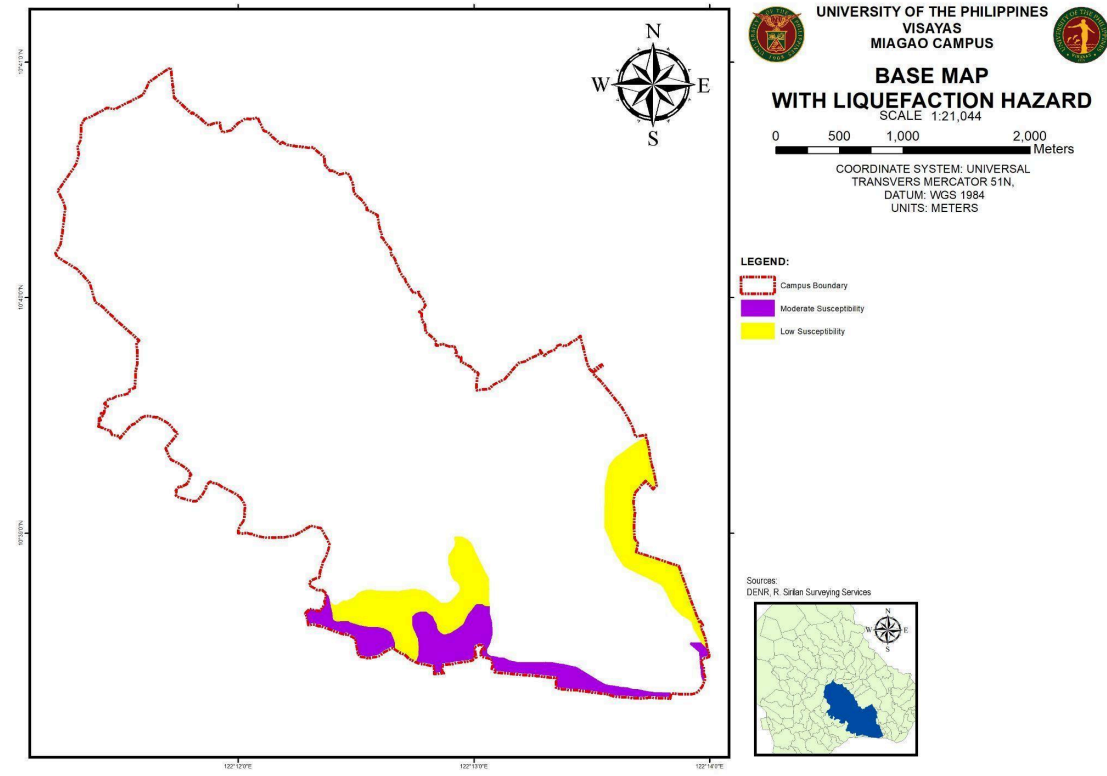
## Annex G. Earthquake-Induced Landslide Hazard Map - UPV Miagao Campus



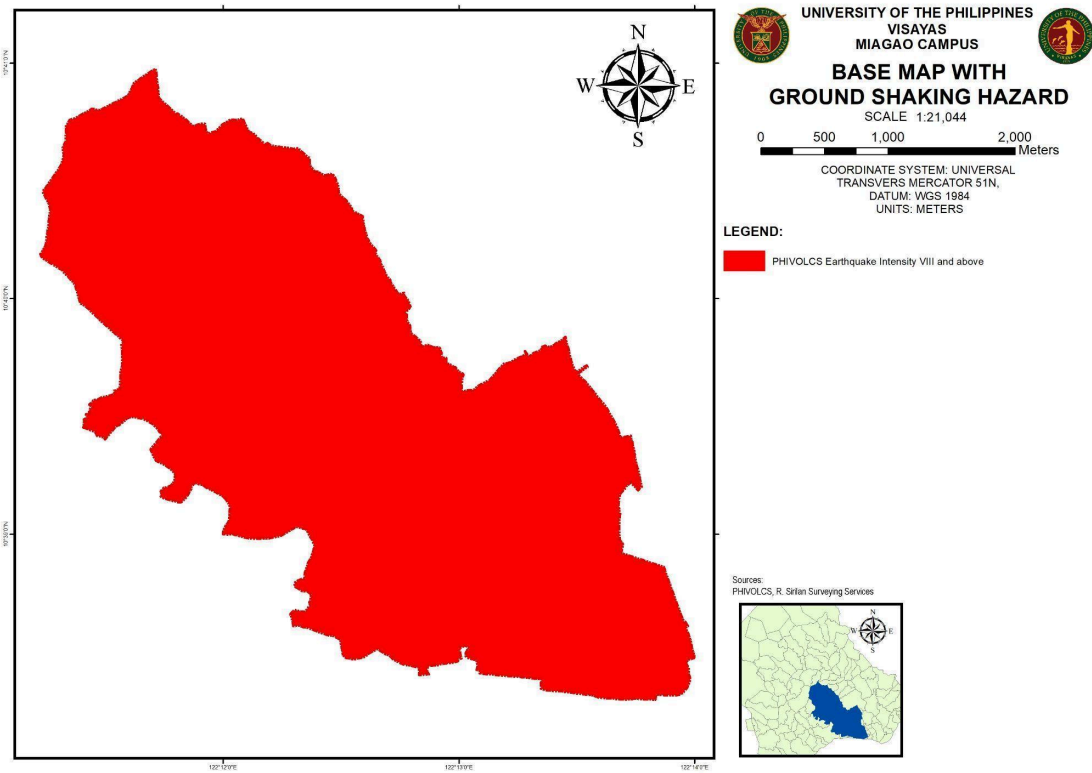
## Annex H. Storm Surge Hazard Map - UPV Miagao Campus



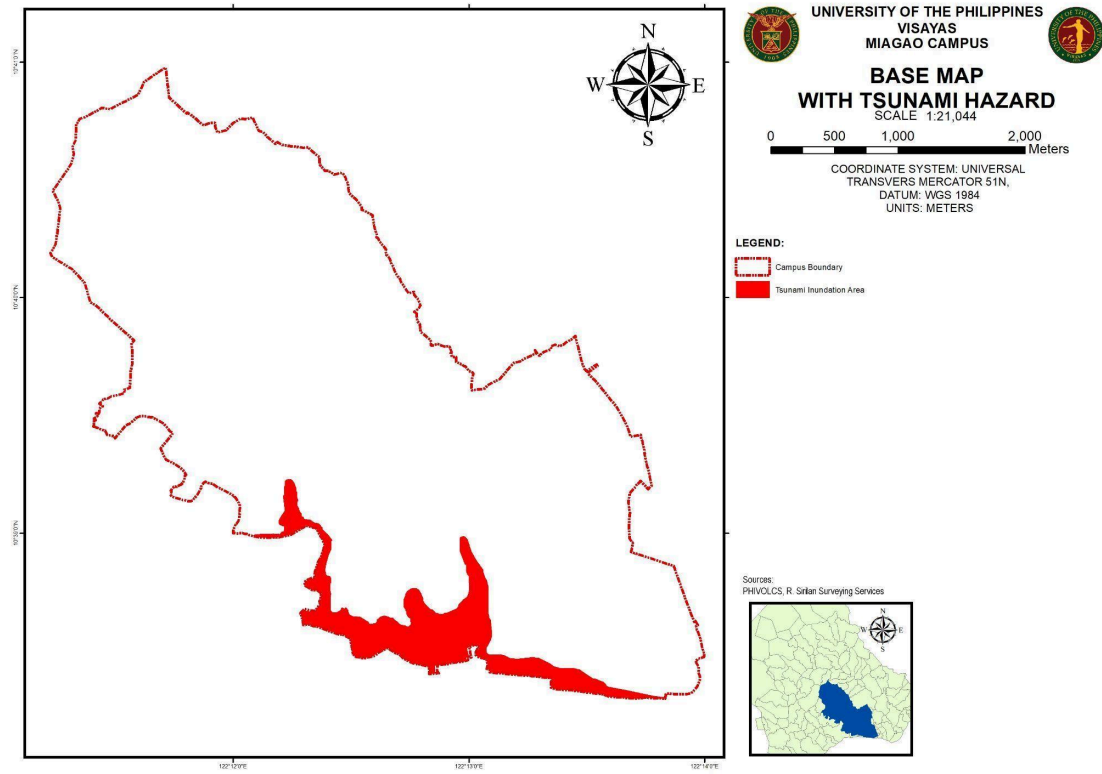
## Annex I. Liquefaction Hazard Map - UPV Miagao Campus



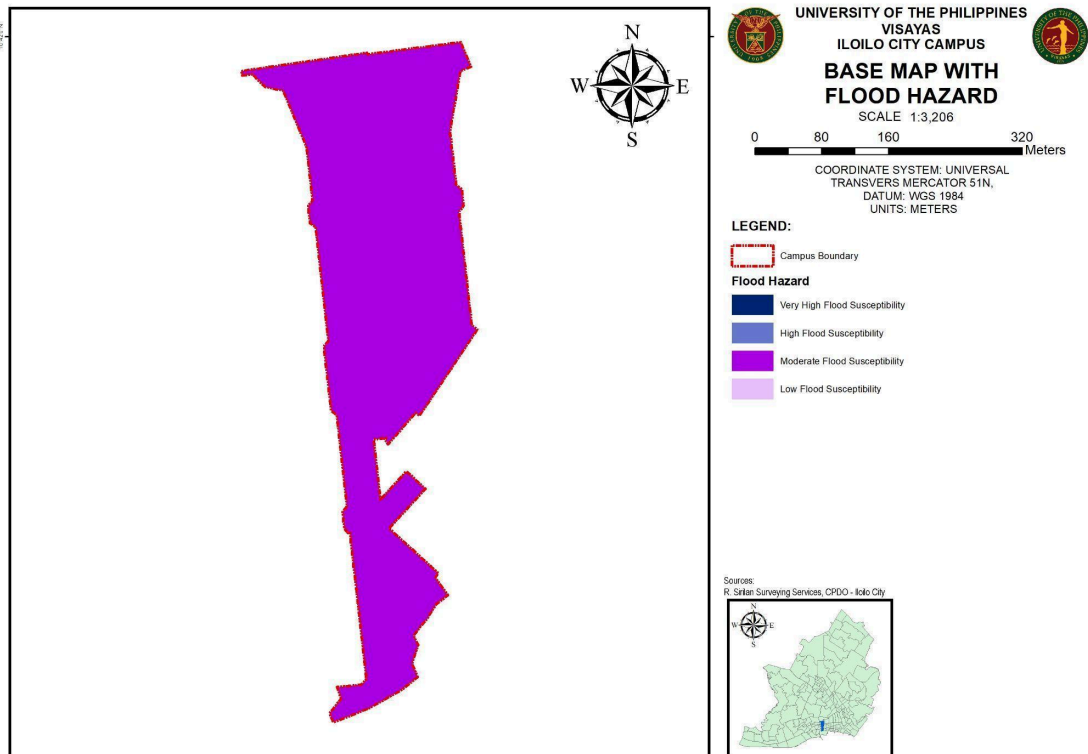
## Annex J. Ground Shaking Hazard Map - UPV Miagao Campus



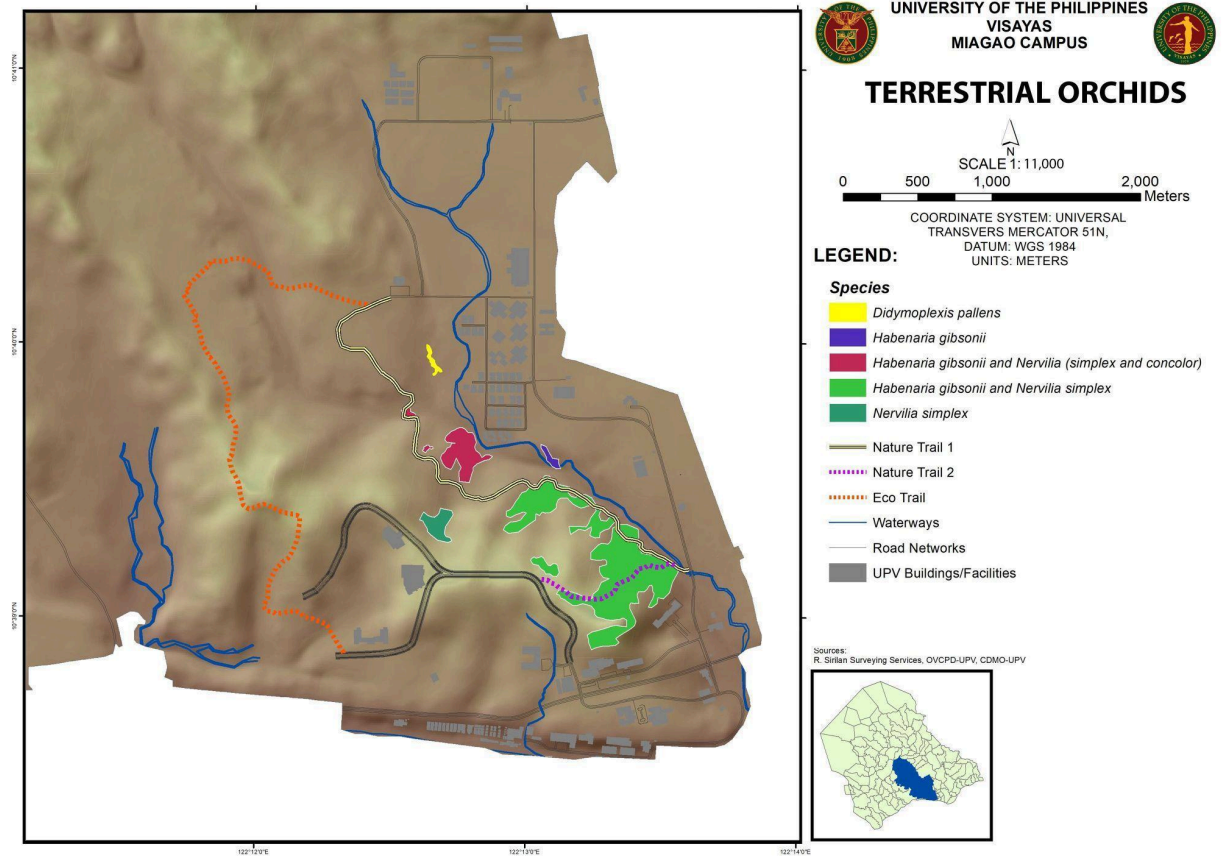
## Annex K. Tsunami Hazard Map - UPV Miagao Campus



## Annex L. Flood Hazard Map - UPV Iloilo City Campus



# Annex M. Terrestrial Orchid and Trail Map - UPV Miagao Campus



## Key References

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