

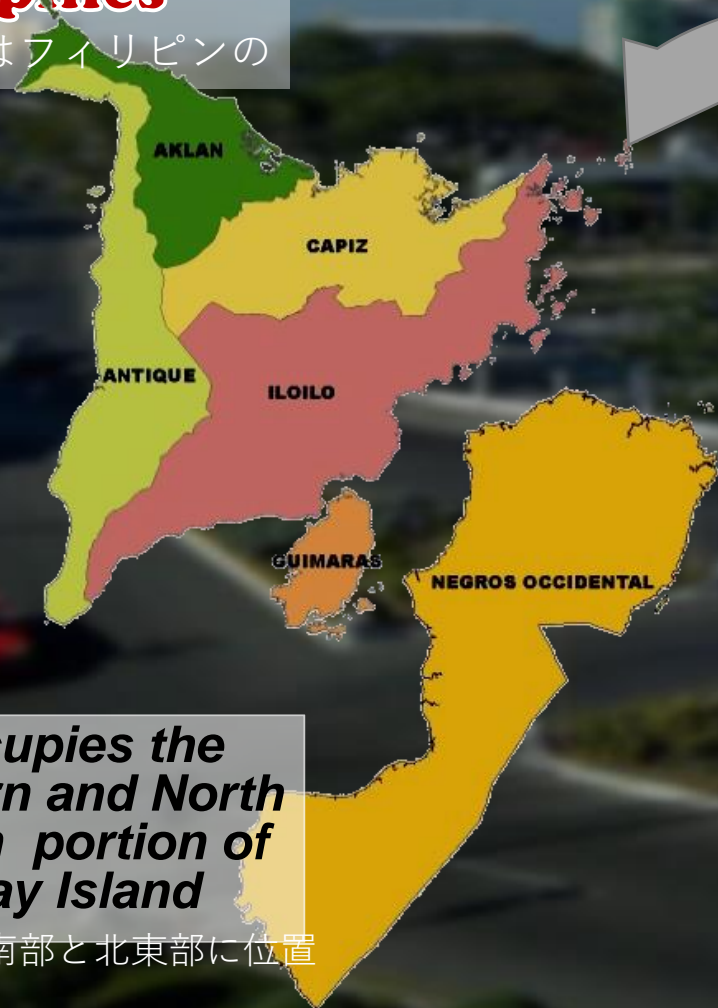


# Location 位置

The province is strategically located at the

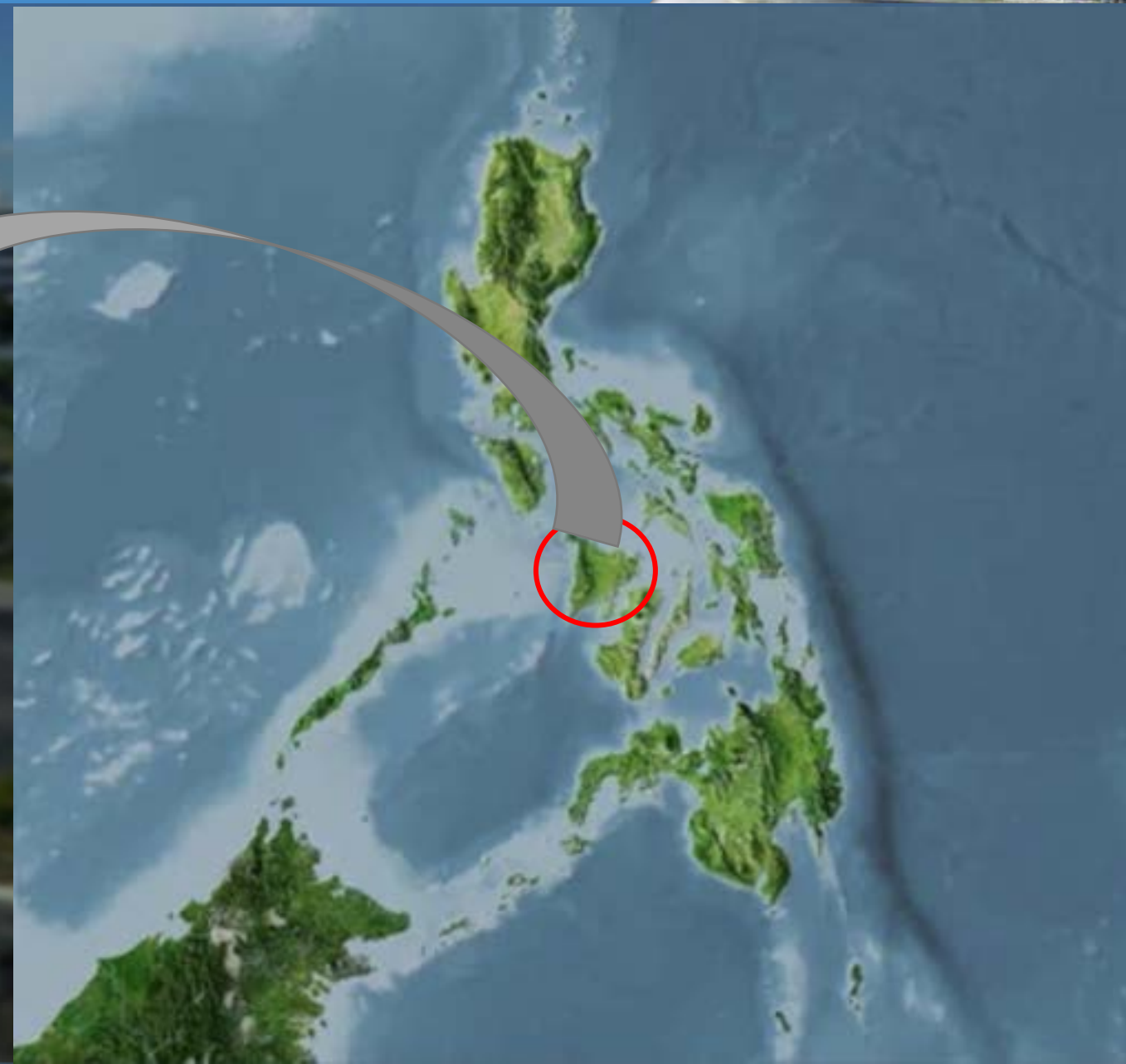
**heart of the Philippines**

イロイロ州はフィリピンの中心に位置



*It occupies the Southern and North eastern portion of Panay Island*

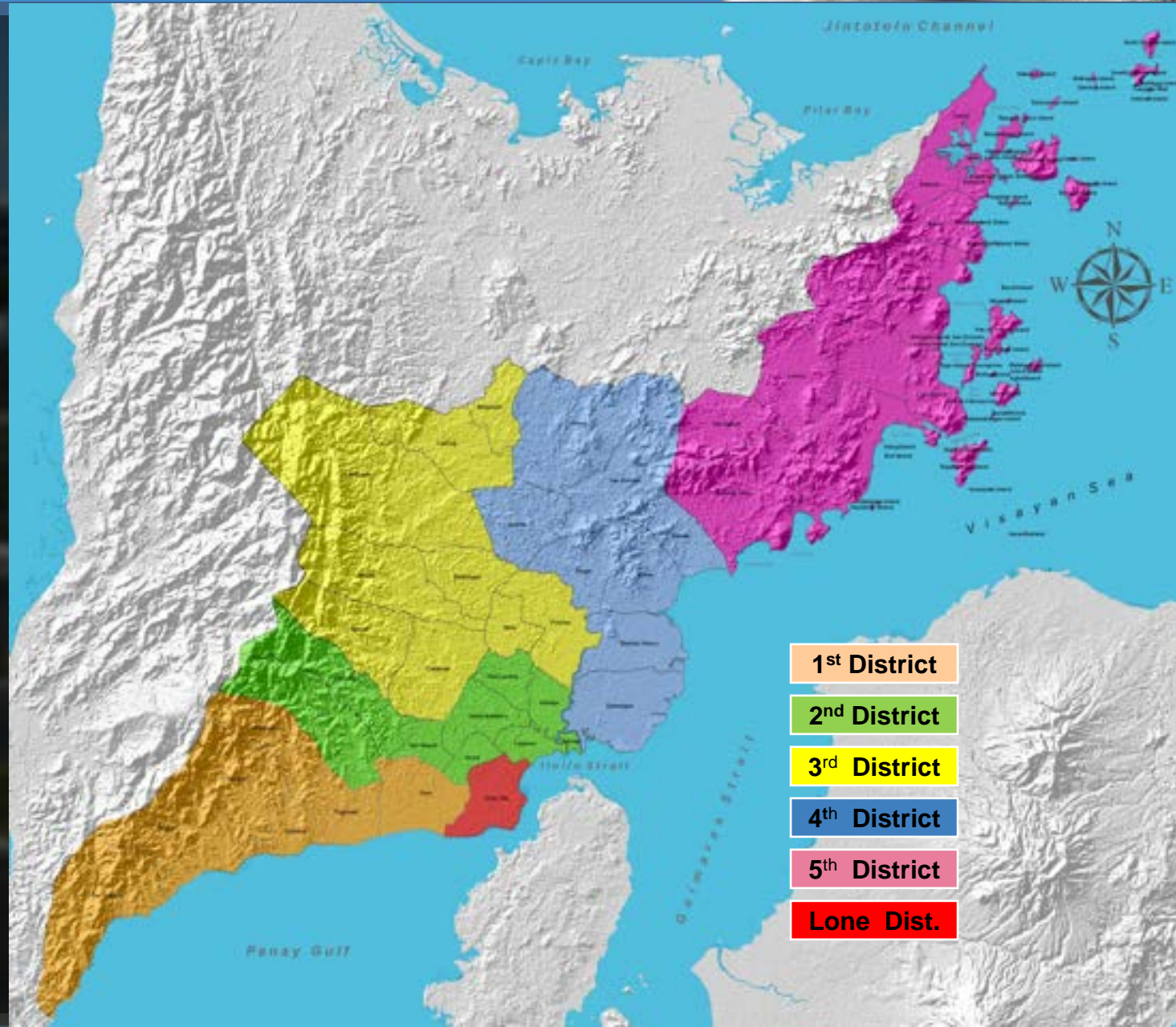
パナイ島の南部と北東部に位置



# Land Area & Political Subdivision

面積・行政区分

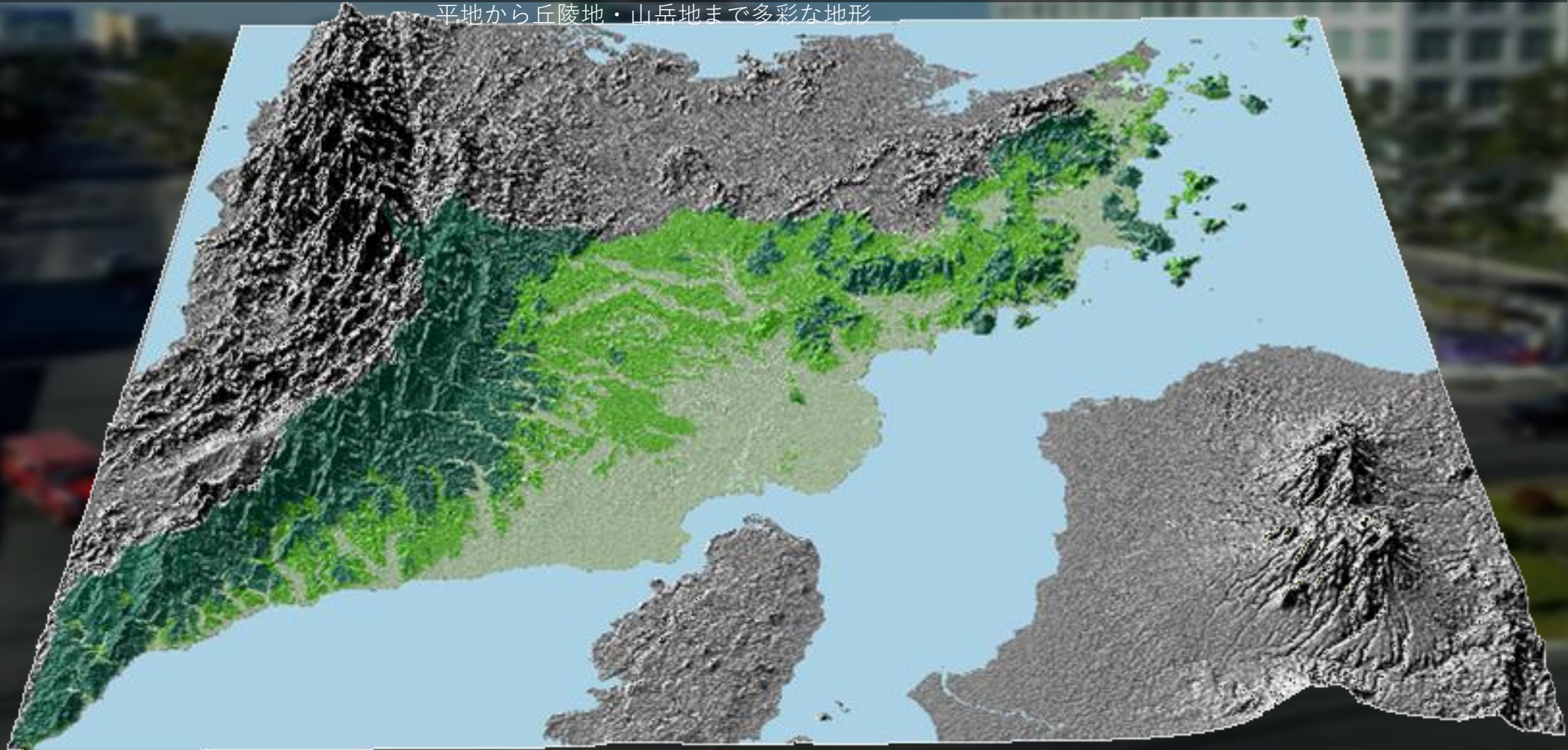
- ✓ Land area: **466,342 has.** 土地面積  
or **4,663 sq. km.**  
Alienable/disposable: **353,347 has.**  
Timberland: **113,995 has.**
- ✓ Composed of **42 municipalities** and  
**1 component city** with **1,721**  
**Barangays** 42市1準市、計1721バラングアイ
- ✓ Divided into **5 congressional districts**
- ✓ Population (2020 PSA Census): 人口
  - ✓ Total: **2,048,039** 男女計
  - ✓ Male: **1,042,387** 男性人口
  - ✓ Female: **1,005,652** 女性人口
  - 世帯数
  - 人口密度
- ✓ # of Households: **435,723**  
Population density: **411** persons/sq.km.



# Topography 地形

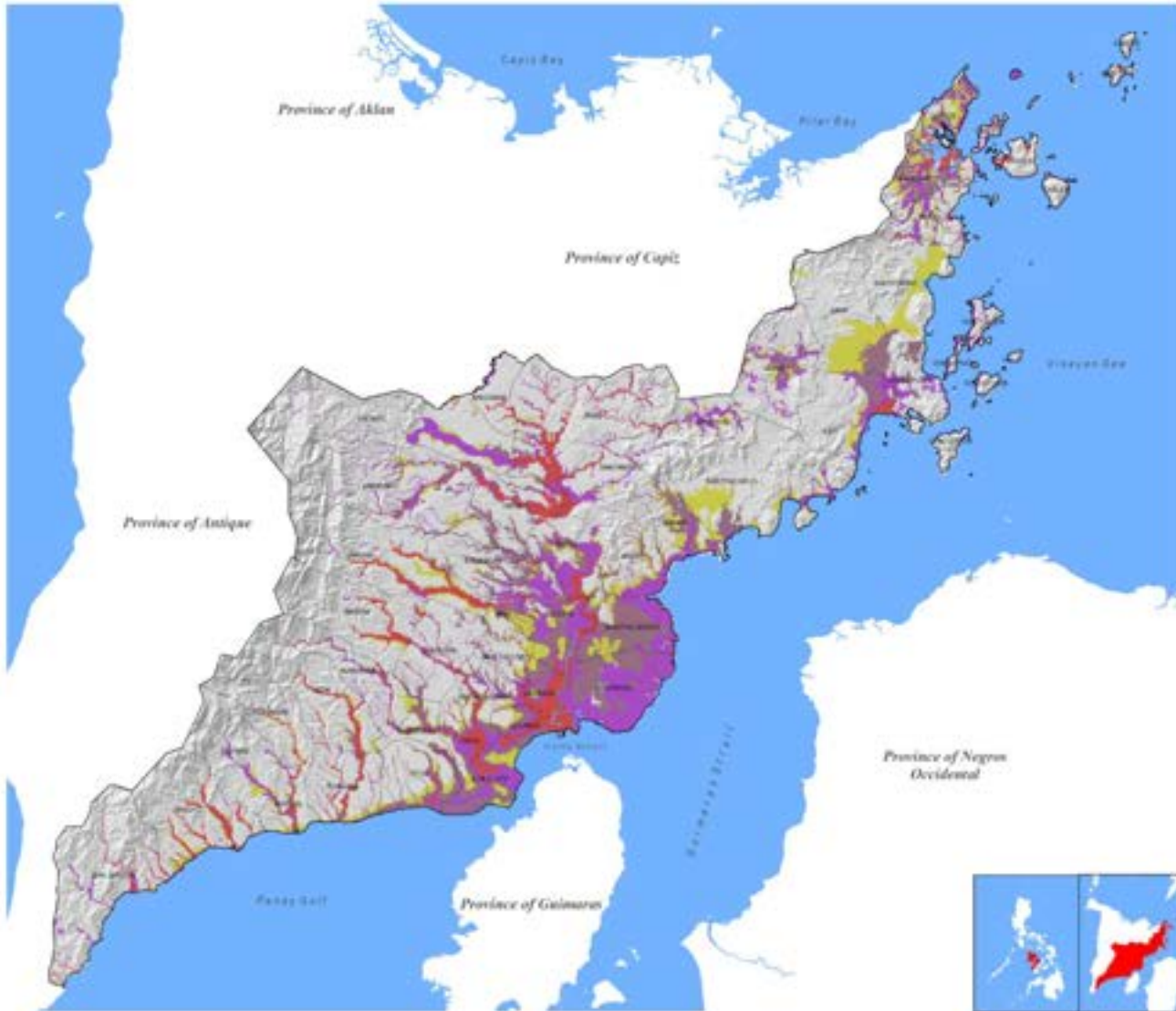
- Varies from flatlands and rolling hills to mountain peaks and ranges
- Mountain ranges lie along the border of Iloilo, Antique, and Capiz and roll down into flat plains towards the coastal towns

平地から丘陵地・山岳地まで多彩な地形



# Population Exposed to FLOOD

洪水リスク

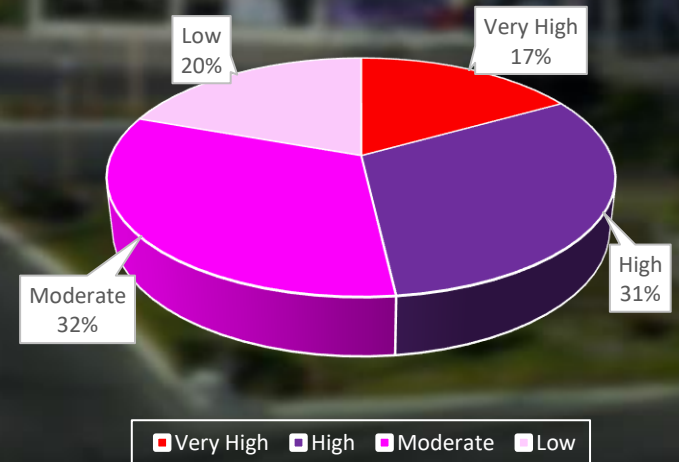


### POPULATION EXPOSURE TO FLOOD HAZARD



Source:  
Iloilo Provincial and Municipal Boundaries-PPDO-Iloilo  
2020 Population Data-PSA  
Flood Hazard Data-Mines and Geosciences Bureau, Department of Environment and Natural Resources

Flood Susceptibility 洪水リスク	Affected Persons 影響を受ける人
<b>Very High</b>	<b>229,980</b>
<b>High</b>	<b>427,533</b>
<b>Moderate</b>	<b>440,612</b>
<b>Low</b>	<b>266,607</b>

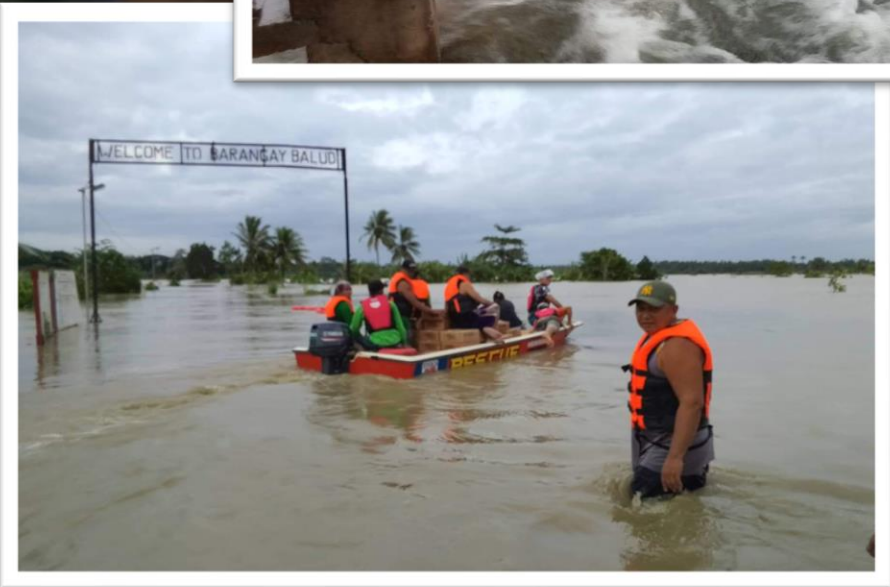


# Flood 洪水



Monfort Bridge, Dingle, Iloilo 2022

# Flood 洪水



Dumangas,  
May 2023

## Iloilo Province had 42 of its municipalities and 1 component city affected by Typhoon Frank in 2007

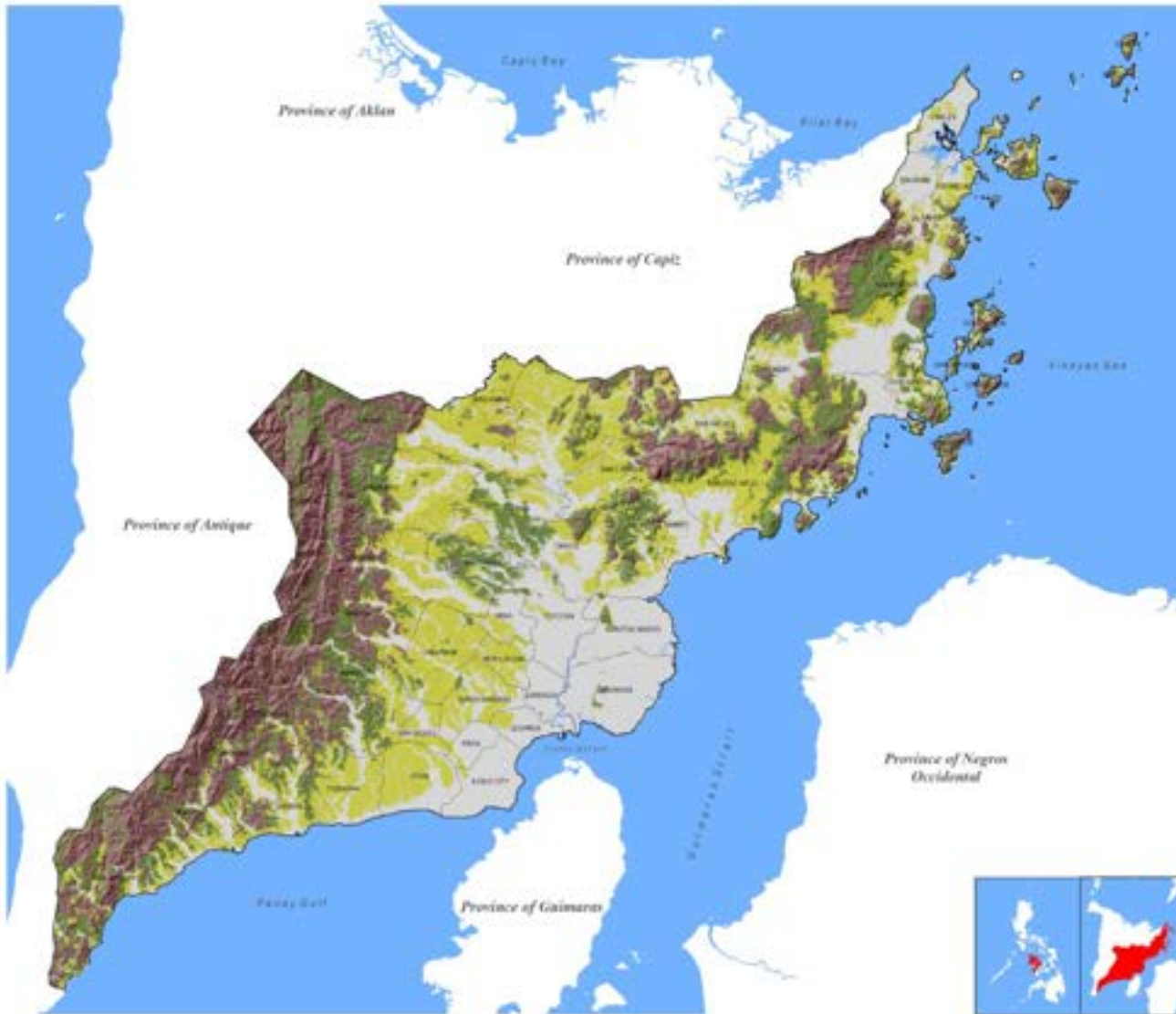
2007年に発生した台風フランクではイロイロ州の42市と1準市が被災





# Population Exposed to RAIN INDUCED LANDSLIDE

大雨による土砂災害

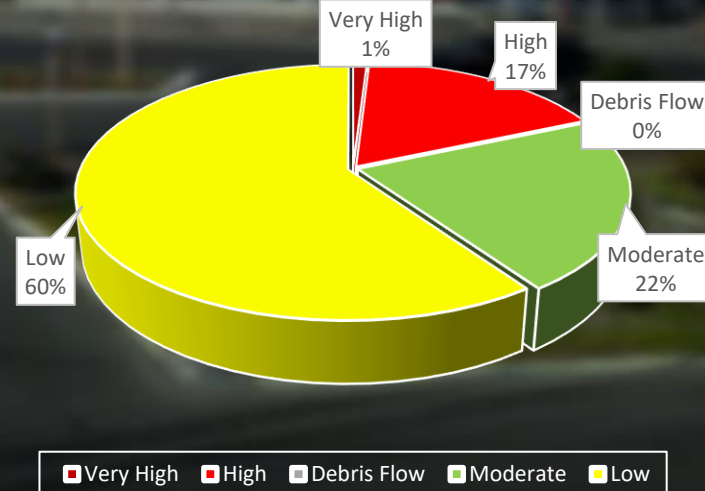


**POPULATION EXPOSURE TO RAIN INDUCED LANDSLIDE (RIL) HAZARD**

- Legend**
- Susceptibility, Exposure
    - VHL, Very High
    - VHL, High
    - VHL, Moderate
    - VHL, Low
    - HL, Very High
    - HL, High
    - HL, Moderate
    - HL, Low
    - DF, Moderate
    - DF, Low
    - ML, Very High
    - ML, High
    - LL, Very High
    - LL, High
    - LL, Low
    - LL, Moderate
    - LL, Low
  - Municipal Boundary
  - Provincial Boundary

Source:  
Isde Provincial and Municipal Boundaries-PPOD-Isde  
202 Population Data-PSA  
RIL Hazard Data- Mines and Geosciences Bureau,  
Department of Environment and Natural Resources

RIL Susceptibility 土砂災害リスク	Affected Persons 影響を受ける人
<b>Very High</b>	<b>10,544</b>
<b>High</b>	<b>188,822</b>
<b>Debris Flow</b>	<b>28</b>
<b>Moderate</b>	<b>235,859</b>
<b>Low</b>	<b>644,089</b>



# Landslide 土砂災害



Sitio Indigasan,  
Brgy. Tiolas, San Joaquin, Iloilo,  
August 2, 2023

# Landslide 土砂災害



Oyungan Bridge, Miagao Iloilo,  
November 2022

# Population Exposed to STORM SURGE 高潮

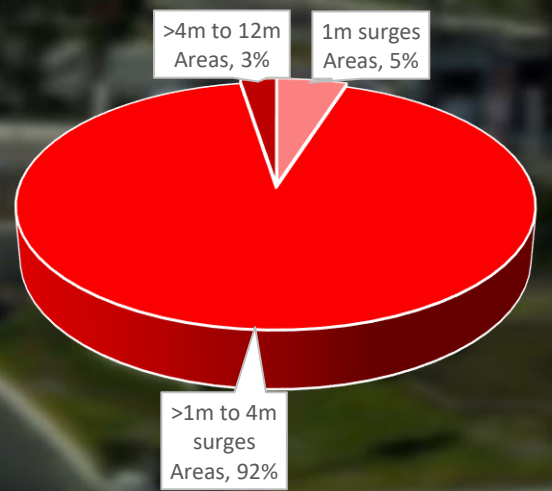


**POPULATION EXPOSURE TO STORM SURGE HAZARD**

- Legend**
- Susceptibility, Exposure**
- Inundation of >4m to 12m surges, Very High
  - Inundation of >1m to 4m surges, Very High
  - Inundation of 1m surges, Very High
  - Inundation of 1m surges, High
  - Municipal Boundary
  - Provincial Boundary

Source:  
 Iloilo Provincial and Municipal Boundaries-PPDO-Boho  
 202 Population Data-PSA  
 Storm Surge Hazard Data- Project Ready, PHILVOCs, DOST

SS Susceptibility 土砂災害リスク	Affected Persons 影響を受ける人
<b>1m surges Areas</b>	<b>2,272</b>
<b>&gt;1m to 4m surges Areas</b>	<b>41,886</b>
<b>&gt;4m to 12m Areas</b>	<b>1,159</b>

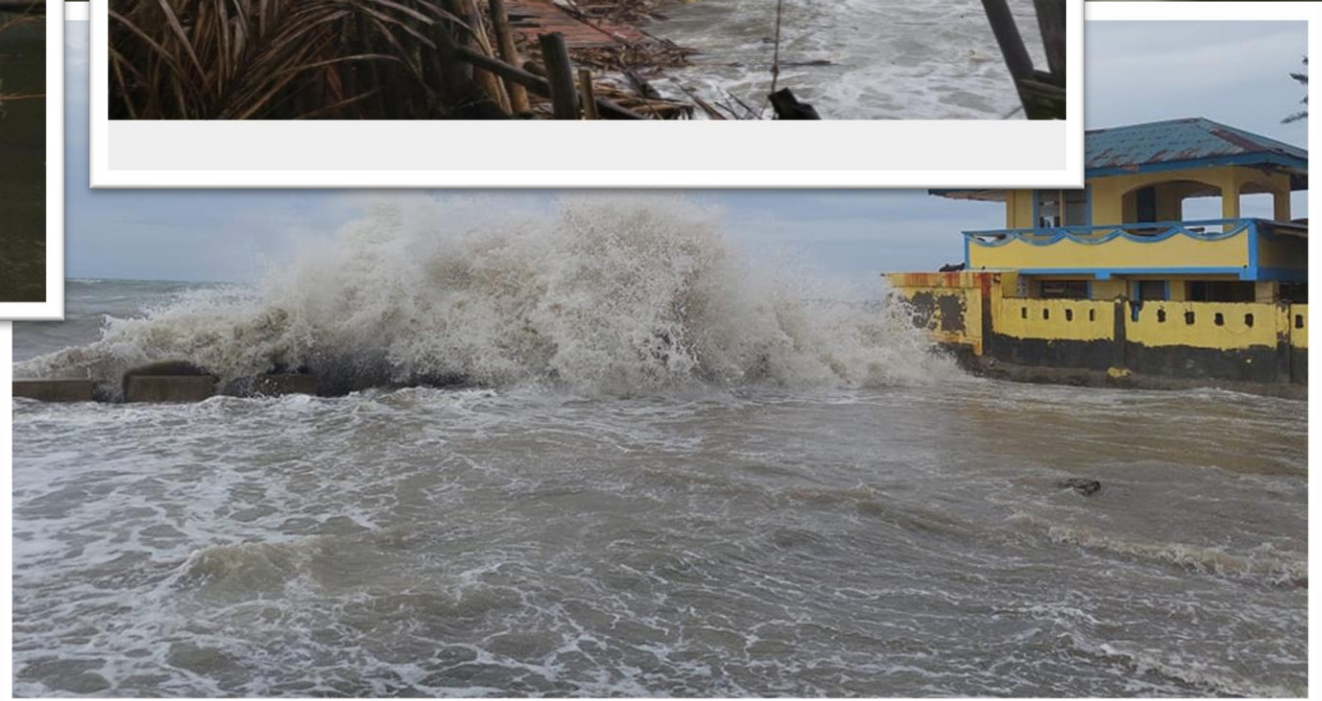


■ 1m surges Areas ■ >1m to 4m surges Areas ■ >4m to 12m Areas

# Storm Surge 高潮



Tigbauan, Iloilo  
December, 2021



- Improvement/Upgrading of Real-Time Early Warning and Monitoring System in Strategic Locations
- Networking with Development Partners
  - Social Preparations
  - Community Development Interventions
- Urban rainwater harvesting systems/runoff collection and treatment facilities
- Sustainability mechanism in resettlement/relocation and/or redevelopment of affected communities
- Other appropriate interventions, technologies, and systems to developing resiliency of communities
- Natural Resources Inventory and Ecological Profiling

早期警戒システム・モニタリングシステムの設置、各パートナー機関との連携、都市での雨水管理、被災・リスクの高いコミュニティの移転、コミュニティのレジリエンスを高めるための適切な技術やシステムの導入など

# Ways Forward: TRANSCEND Program 超えていく政策



1. Sustain best practices
2. Strengthen collaborations with partners
3. Purok Resilience Program Implementation
  - Consultation with local government units and stakeholders (Passi City and all municipalities)
  - Mapping of identified sites and community profiling
  - Development of Project Interventions

優良事例の強化、パートナー機関との連携強化Purokレジリエンス政策の実施

# The Purok Resilience Program Purokレジリエンス政策



## EO 333: An order Implementing the Purok Resilience Program in the Province of Iloilo



REPUBLIC OF THE PHILIPPINES  
PROVINCE OF ILOILO  
OFFICE OF THE GOVERNOR  
3<sup>rd</sup> Floor, Iloilo Provincial Capitol  
Bonifacio Drive, 5000 Iloilo City

*Arthur R. Defensor, Jr.*  
GOVERNOR

EXECUTIVE ORDER NO. 333  
Series of 2022

### AN ORDER IMPLEMENTING THE PUROK RESILIENCE PROGRAM IN THE PROVINCE OF ILOILO

WHEREAS, the Province shall implement the Purok Resilience Program, a socialized and localized housing program, and likewise a climate change response that shall relocate residents exposed to natural and other related hazards;

WHEREAS, under Republic Act No. 7279 or the Urban Development and Housing Act of 1992 (RA 7279), Local Government Units (LGUs) together with the National Government Agencies (NGAs), and the private sector and organizations, are likewise charged with the implementation of the housing program of the National Government;<sup>1</sup>

WHEREAS, pursuant to Republic Act No. 10121 on the Philippine Disaster Risk Reduction and Management Act (RA 10121), the Province has formulated its Provincial Disaster Risk Reduction and Management Plan for

<sup>1</sup> See Sec. 34 of RA 7279 provided:

"s. 34. Sec. 34. Role of Local Government Units. - The local government units shall be charged with the implementation of this Act in their respective localities, in coordination with the Housing and Urban Development Coordinating Council, the national housing agencies, the Presidential Commission for the Urban Plan, the private sector and other management organizations, as follows:

Calendar Years 2020-2022 (PDRRMP CY 2020-2022), identifying the natural hazards affecting the Province, as well as, the exposure of its residents;

WHEREAS, Purok Resilience Program shall be a convergence program under the Provincial Civil Defense Service of the Province (ProCid Serv ILOILO) with the NGA, LGUs, non-government organizations (NGOs), people's organizations, socio-civic organizations, religious organizations, media and the social media networks, and business and other sectors, (Convergence Partners) in a harmonized and collaborative implementation of all national laws, administrative issuances, LGU ordinances and resolutions in the pursuit of a strategic socialized and localized housing program which shall likewise serve as a climate change response by relocating residents of the Province living in the hazard zones;

WHEREAS, relevant to the Purok Resilience Program are the following laws, administrative issuances and resolution:

- a.) Republic Act No. 7279 or the Urban Development and Housing Act of 1992, as amended, providing for a comprehensive and continuing urban development and housing program, and establishing a mechanism for its implementation;
- b.) Republic Act No. 11201 or the Department of Human Settlements and Urban Development Act, creating the Department of Human Settlements and Urban Development Act, defining its mandate, powers and functions;
- c.) Republic Act No. 7805 or the Comprehensive and Integrated Shelter Financing Act of 1994, increasing and regularizing the yearly appropriation of the major components of the National Shelter Program;
- d.) Republic Act No. 10121 or the Philippine Disaster Risk Reduction and Management Act, providing for the national disaster risk reduction and management system, framework and plan;
- e.) Provincial Disaster Risk Reduction and Management Council (PDRRMC) Resolution No. 02, Series of 2020 dated 29 January 2020, adopting the PDRRMP CY 2020-2022;
- f.) Executive Order No. 175, Series of 2021, An Order to Institute the Provincial Civil Defense Service of Iloilo;

NOW, THEREFORE, I, ARTHUR R. DEFENSOR, JR., Governor, Province of Iloilo, by virtue of the powers and authority vested in me by law, do hereby Order the following:

Section 1. Purok Resilience Program - The Province shall implement the Purok Resilience Program with the following basic features:

- a.) A localized and socialized housing project with houses and lots or home lots to be undertaken by the Province or together with Convergence Partners for beneficiaries qualified under RA 7279, which include sites and services development;
- b.) Likewise, it is a climate change response by establishing the Purok Resilience in barangays of the municipalities/city of the Province, as identified by the Convergence Partners, and which shall be a resettlement area for residents who shall be evacuated from areas exposed to natural or other kinds of hazard.

Section 2. Convergent Implementation. - The Purok Resilience Program shall be under the National Housing Program of the government under RA 7279, and shall be implemented under the Provincial Civil Defense Service of the Province (ProCid Serv ILOILO), in convergence with NGAs, LGUs, non-government organizations (NGOs), people's organizations, socio-civic organizations, religious organizations, media and the social media networks, and business and other sectors, in a harmonized and collaborative implementation of all relevant laws, administrative issuances, LGU ordinances and resolutions.

Section 3. Purok Resilience - (1) The Province shall establish the Purok Resilience which shall have the following features:

- a.) A small scale, localized and socialized housing project;
- b.) Established in a resettlement area in barangays of the municipalities/city not remote from the livelihood of its beneficiaries, and identified by the Province based on the PDRRMP CY 2020-2022, in collaboration with, and upon technical advice of concerned NGA Convergence Partners pursuant to Section 40 of RA 7279;

<sup>1</sup> Section 34 of RA 7279 provided:

"s. 34. Sec. 3. Definition of Terms. - For the purpose of this Act: (1) "socialized housing" refers to housing programs and projects involving houses and lots or home lots only undertaken by the Government or the private sector for the underprivileged and deserving citizens which shall include sites and services development, long-term financing, (socialized) sites or interest payments, and such other benefits in accordance with the provisions of this Act; and"

<sup>2</sup> Section 40 of RA 7279 provided:

"s. 40. Sec. 40. Role of Government Housing Agencies. - In addition to their respective existing powers and functions, and those provided for in this Act, the Executive or existing housing agencies shall perform the following: (1) The National Housing Authority, upon request of local government units, shall provide technical and other forms of assistance in the implementation of their respective urban development and housing programs with the objective of expanding and enhancing local government capabilities in the provision of housing benefits to their constituents; and"

- c.) Established on land identified pursuant Section 8 of RA 7279, and owned by the Province, or owned and donated or made available by Convergence Partners for the Purok Resilience Program;
- d.) Beneficiaries shall be residents who are underprivileged, with priority to those who shall be relocated from identified hazard zones, pursuant to RA 7279, RA 10121, the PDRRMP CY 2020-2022 and such other relevant laws, administrative issuances, LGU ordinances and resolutions.

Section 4. Program Funding - The Purok Resilience Program shall be funded by the Province with assistance from NGA, Convergence Partners pursuant to Section 42 of RA 7279, and if available, from private sector Convergence Partners.

EFFECTIVITY. This Executive Order shall take effect immediately.

Done this 22<sup>nd</sup> day of July 2022 in the City of Iloilo, Philippines.

*Arthur R. Defensor, Jr.*  
GOVERNOR

<sup>3</sup> Section 41 of RA 7279 provided:

"s. 41. Sec. 41. Funding. - Funds for the urban development and housing program shall come from the following sources: (a) A maximum of fifty percent (50%) from the annual allotment of the Public Works Authority, to be used by the National Housing Authority in carry out its program of land acquisition for residential purposes under the Act; (b) Proceeds from the disposition of urban lands, not otherwise previously set aside for any other purpose, shall be applied in the implementation of this Act shall be administered by the National Home Mortgage Finance Corporation; (c) Loans, grants, deposits and donations, whether from local or foreign sources; (d) Emission of bonds, subject to the guidelines to be set by the Monetary Board; (e) Proceeds from the social housing tax and, subject to the concurrence of the local government units concerned, site lease tax as provided in Section 236 of the Local Government Code of 1991 and other existing laws; (f) Proceeds from the fees or disposition of alienable public lands as urban areas; and (g) Domestic and foreign investment or financing through appropriate arrangements for the build-operate-and-transfer scheme; and"