



**QUARTERLY RESEARCH PROGRESS REPORT**  
**QUARTER: (4<sup>th</sup>)**

**Research Title:** Climate Change and Colonial Urban Planning. The case of planned relocations in Ormoc City, Philippines

**I. Study Objectives:**

This study generally aims to decolonize the debate of climate change by taking into account the diverse perspectives, interpretations, and ways of responding to climate change.

Specifically, it aims to:

1. Understand the socio-political and historical context of climate change responses from different stakeholders;
2. Identify the resilient approaches of different stakeholders in response to climate change; and
3. Understand the heterogeneity of local ways of being and co-existing in relation to the natural environment.

**II. Relevance to VSU & College's Thrust and Priorities:**

- SDG 16 (Strong Institutions) - Integration of local knowledge in development planning
- SDG 13 (Climate Action) and SDG 16 (Peace, justice, and strong institutions) - Development of socially equitable climate change policies and governance
- SDG 14 and 15 (Source to Sink) - Application of multi-source/multi-scale data (particularly from remote sensing and GIS) and spatial planning to enhance the understanding of human-water interaction.

**III. Highlights of accomplishments within the quarter**

**A. Targets for the quarter**

- Identification of historically flooded areas and their situation over time.
- Identification of the actors that are affected by coastal flooding and those that are involved with the coastal flood.

B. Highlights of accomplishments

- Communicated the project with the project with the Department of Environment and Natural Resources of Ormoc LGU and the City Planning Office for collaboration and support.
- Mapped out the urban and rural coastal barangays in Ormoc City
- Conducted a sea level rise simulation for the identified coastal barangays using Google Earth Engine for 2050 and 2100, employing the 8.4 mm average rise of sea level in Manila from 1901 until 2022, as reported by the National Mapping and Resource Information Authority (NAMRIA).

IV. Physical Report of Operation

A. Research Program

	Particulars/Name and Brief Description of Utilized/ Commercialized Technologies	Number
<b>Outcome Indicator</b>		
1. Number of research outputs utilized by the industry or by other beneficiaries	NONE	
<b>Output Indicator</b>		
1. Number of research outputs completed within the year	NONE	
2. Percentage of research outputs published in internationally-referred or CHED recognized journal within the year	NONE	

B. Technologies/Information patented and commercialized

Technology Invention(s) New Information	Invention Patent Number	Date of Issue	Utilization of Invention		Name of Commercial Product
			Development	Service	
<b>A. Technology Invention(s)</b>	NONE				
<b>B. New Information</b>	NONE				

C. Research papers published (*Identify if articles were for Research, Extension, Innovation or MSc/ PhD Studies*)

	Title	Author (s)	Date/Year/Publication/ Publisher	Remarks (if Research, Extension, Innovation, Thesis, MSc/PhD)
a. Refereed Journal	NONE			
Institutional				
National				
International				
b. Semi-popular publ'n (newsletter, etc.)	NONE			

c. Popularized pub'ln (technoguides, etc.)	NONE			
d. Book Chapter/s	NONE			
e. Books	NONE			

#### D. Citation

Research Output as Cited by Other Researcher(s) in Journal Activities									
Title of Research Output/ Published Journal Articles/ Book	Title of Journal & Vol. Issue/ Year	Keywords	Researcher (s)	Citation Details					
				Author(s) Who Cited the Research Output	Title of Article Where the Research Output Was Cited	Title of Journal	Vol. / Issue / Page No.	City/ Year Published	Publisher
NONE									

#### V. Issues, Problems, and Recommendations

- There was a delay in procuring and delivering the requested laptop for GIS mapping and remote sensing.
- Limited funds to hire a Research Assistant to conduct community surveys and interview the identified barangays that are affected by the coastal flooding. Therefore, the project humbly requests an allocation of budget for personnel to realize objectives 2 and 3.

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Endorsed by : **LILIAN B. NUÑEZ**

*ISRDS Director*

Date Submitted : \_\_\_\_\_

Received by OVPREI-RPO: \_\_\_\_\_

Date Received : \_\_\_\_\_