

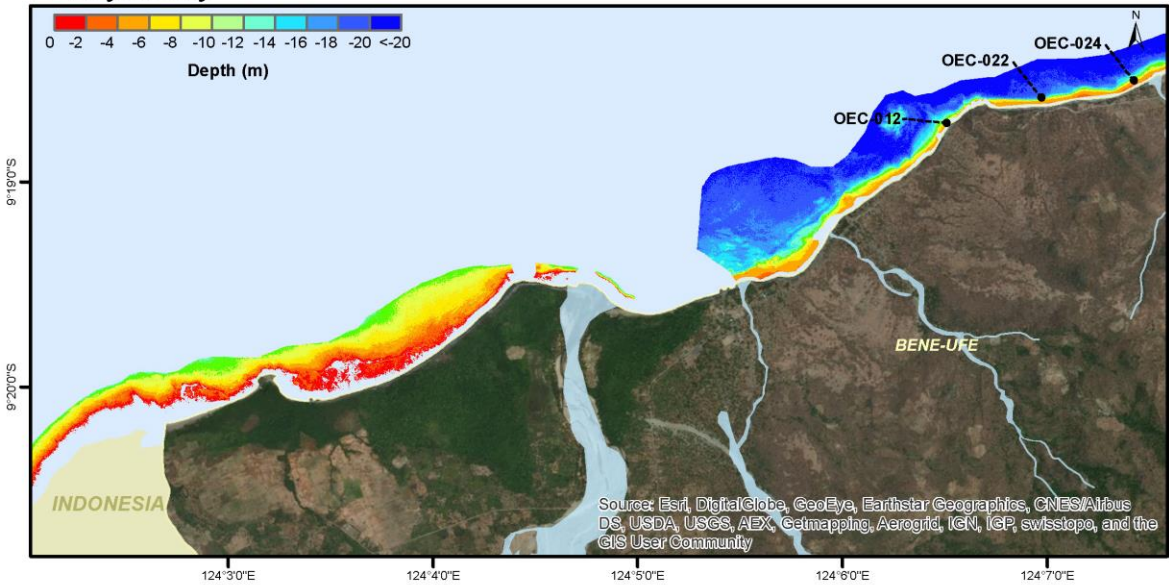
## Appendix D. Map Book for the Coastline of Timor-Leste

A map book of the bathymetry and benthic habitat data derived from WorldView-2 satellite imagery has been prepared for the coastline of Timor-Leste. The map book includes 56 tiles (pages) that follow the associated index (Figure 64). Each map book page is labeled by district and tile number and contains a bathymetry frame, a benthic habitat frame, and an overview frame. Depth data were only derived for Oecusse (tiles 1–6), Atauro Island (tiles 7–11), and the north shore of Timor-Leste (tiles 12–43); therefore, the bathymetry frames show no data for the south shore tiles (44–56). Benthic habitat data are included in all 56 tiles. In each benthic habitat frame, the benthic habitat classes are displayed using the same color scheme; however, the map legend includes only the habitat classes that are visible in the map extent for that particular frame. The orientation of north for the bathymetry and benthic habitat frames changes to maximize the extent of the data within each frame. Several additional datasets are included in the bathymetry and benthic habitat frames, including: coral reef ecosystem assessment survey sites (location of reef fish and benthic surveys), 10 climate monitoring sites, ESRI imagery basemaps (including the citation for the source data in each frame), rivers and waterbodies (provided by MAF), village (suco) boundaries from the Census 2010 (provided by MAF), and a mask covering the ocean areas to emphasize the bathymetry and benthic habitat data. The ocean mask is intentionally not included in tile 15 to demonstrate the high turbidity in that section of coastline, which was a common issue that prevented the derivation of accurate depths for several areas. The overview frames include the map book index with the current index tile outlined in red.

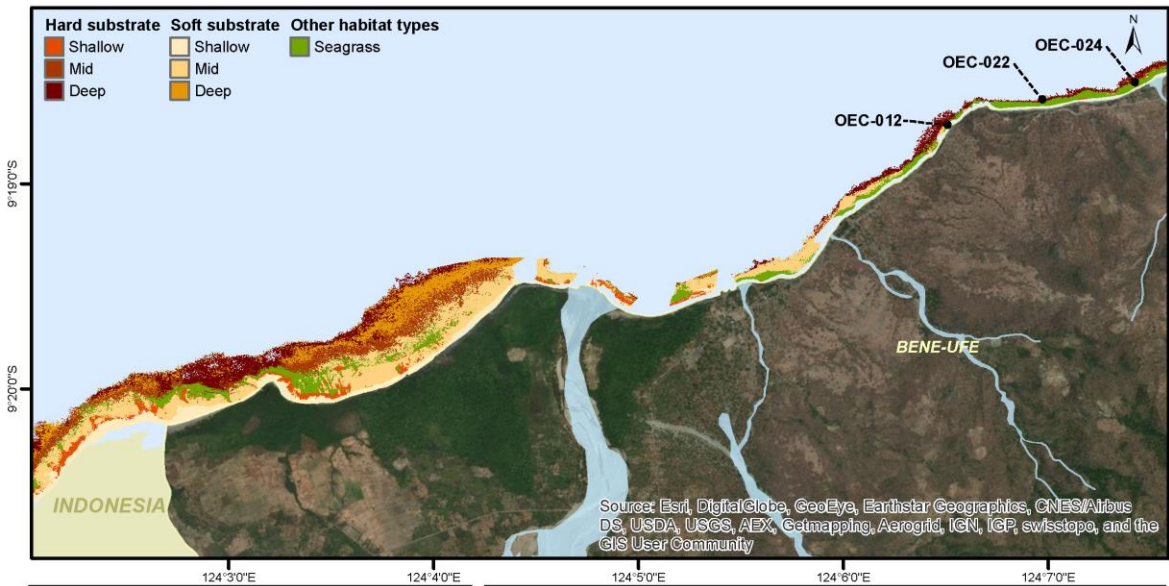


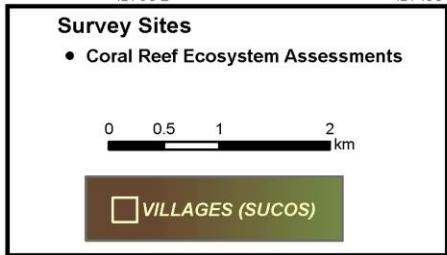
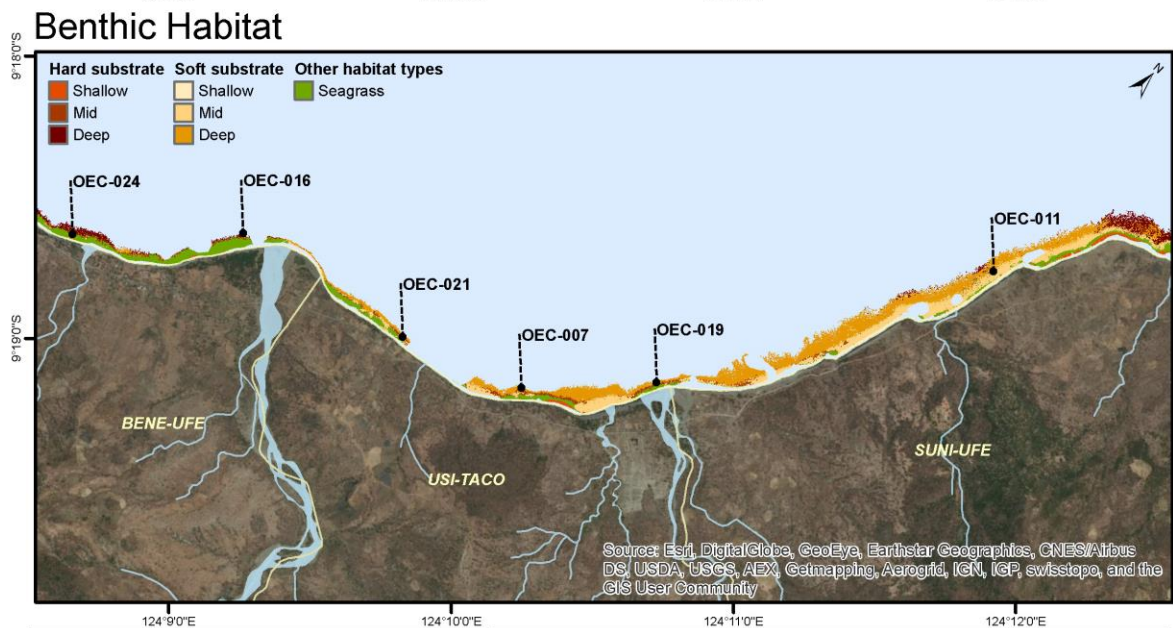
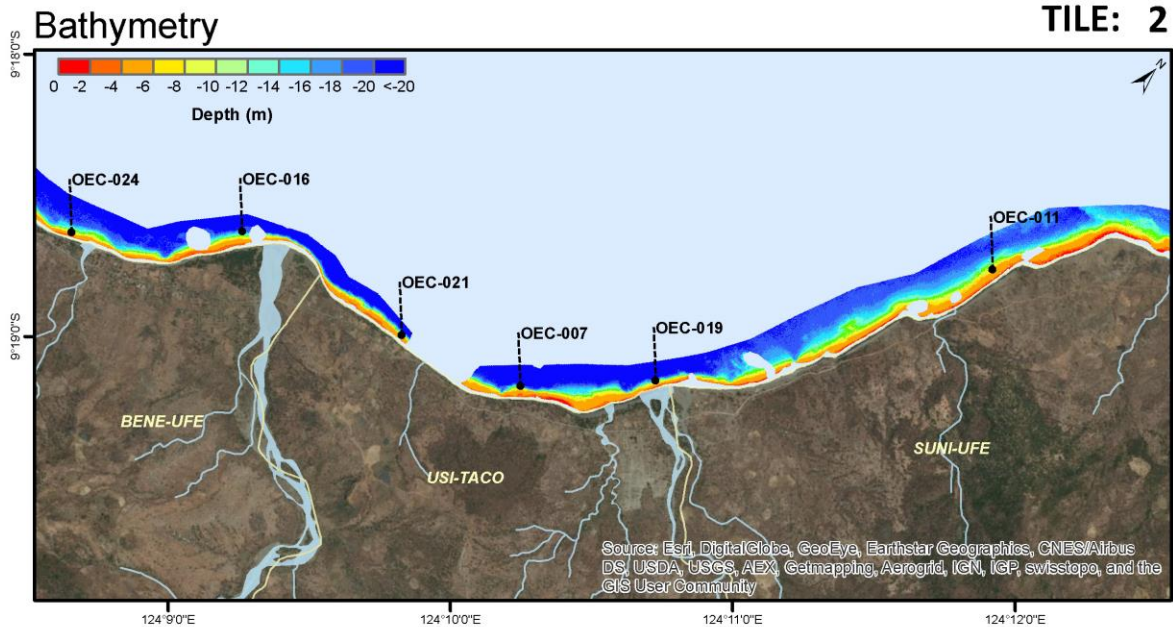
**Figure 64.** A map book index for the coastline of Timor-Leste where bathymetry and/or benthic habitat classes were derived from WorldView-2 satellite imagery. The tiles for each district include: Oecusse (tiles 1–6), Dili (tiles 7–11, and 21–24), Bobonara (tiles 12–15), Liquica (tiles 16–20), Manatuto (tiles 25–28, and 52–53), Baucau (tiles 29–35), Lautem (tiles 36–49), Viqueque (tiles 50–51), Manufahi (tiles 54–55), and Cova Lima (tile 56).

Bathymetry

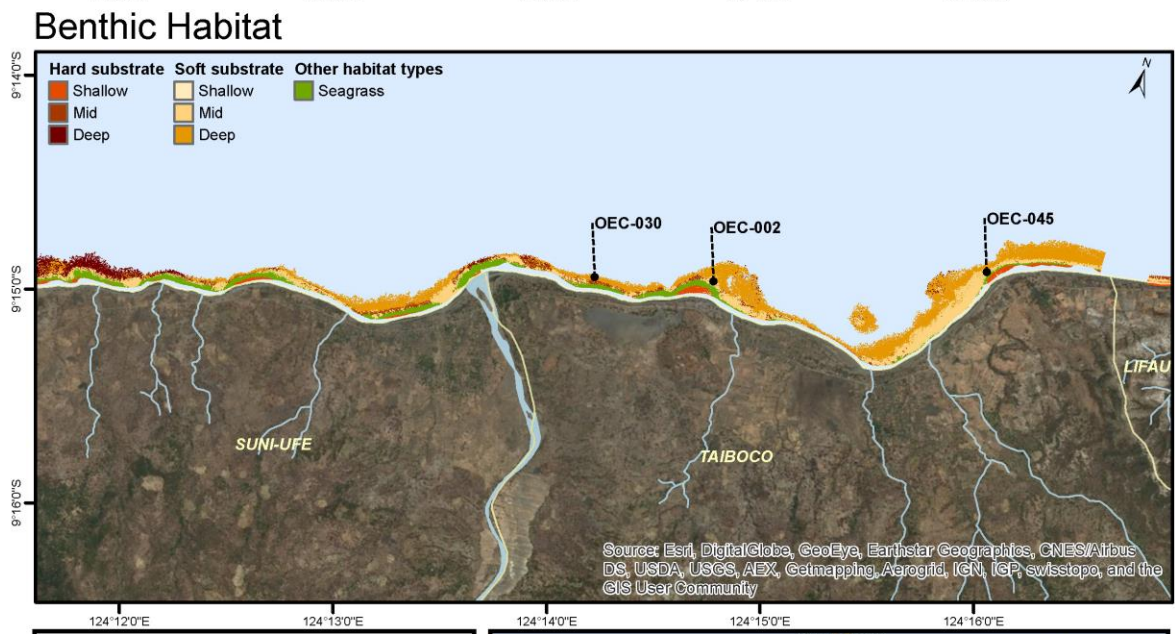
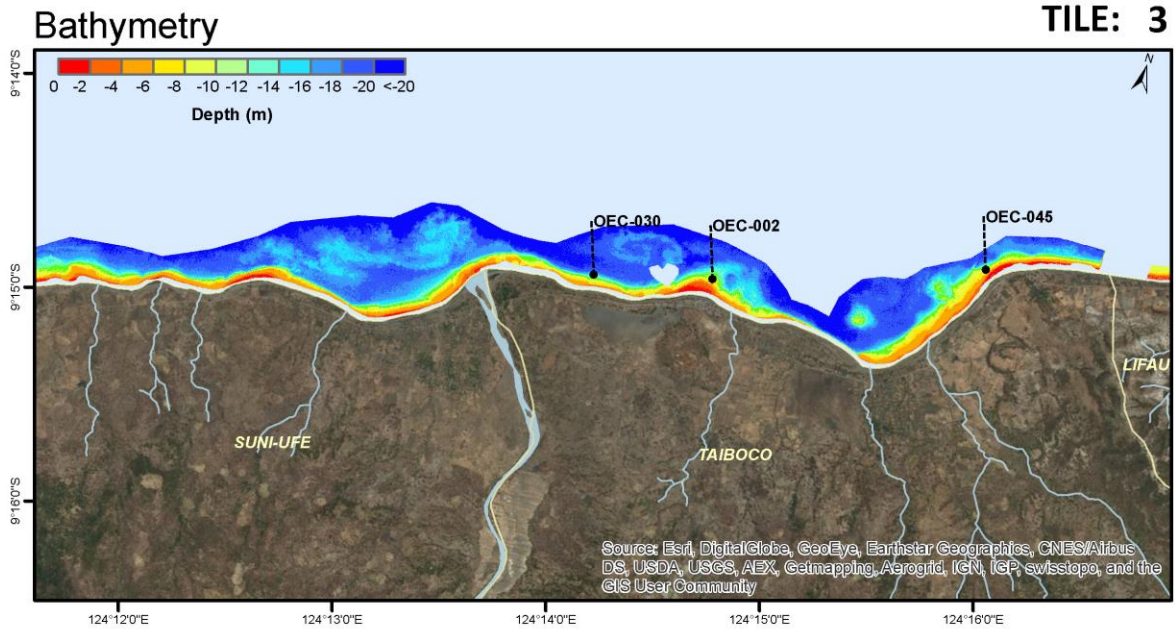


Benthic Habitat

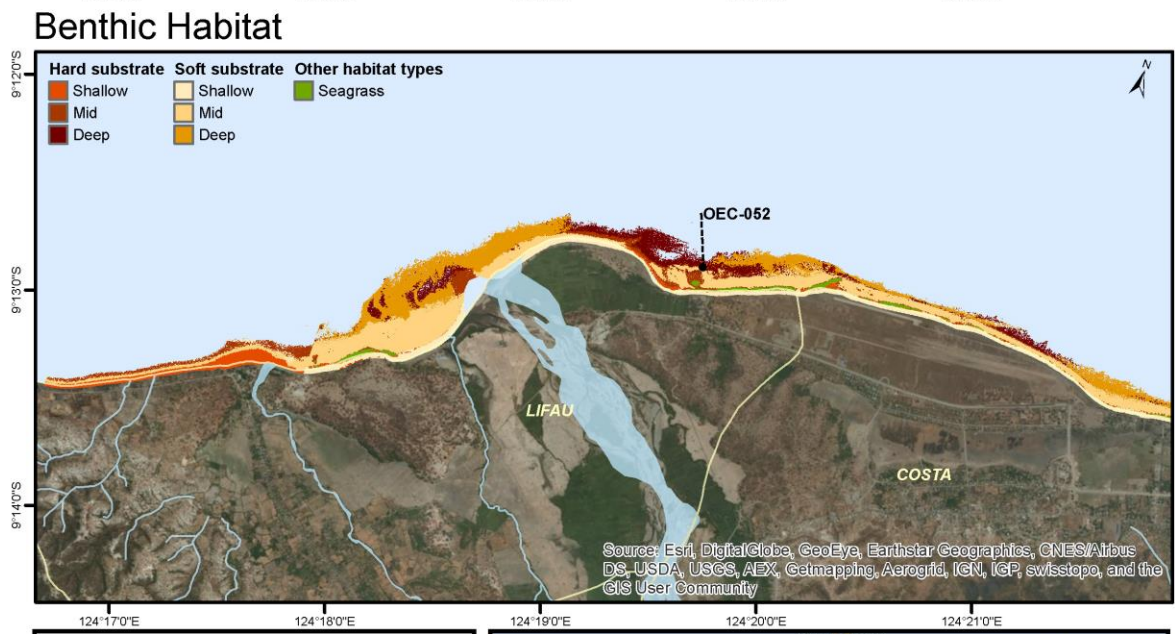
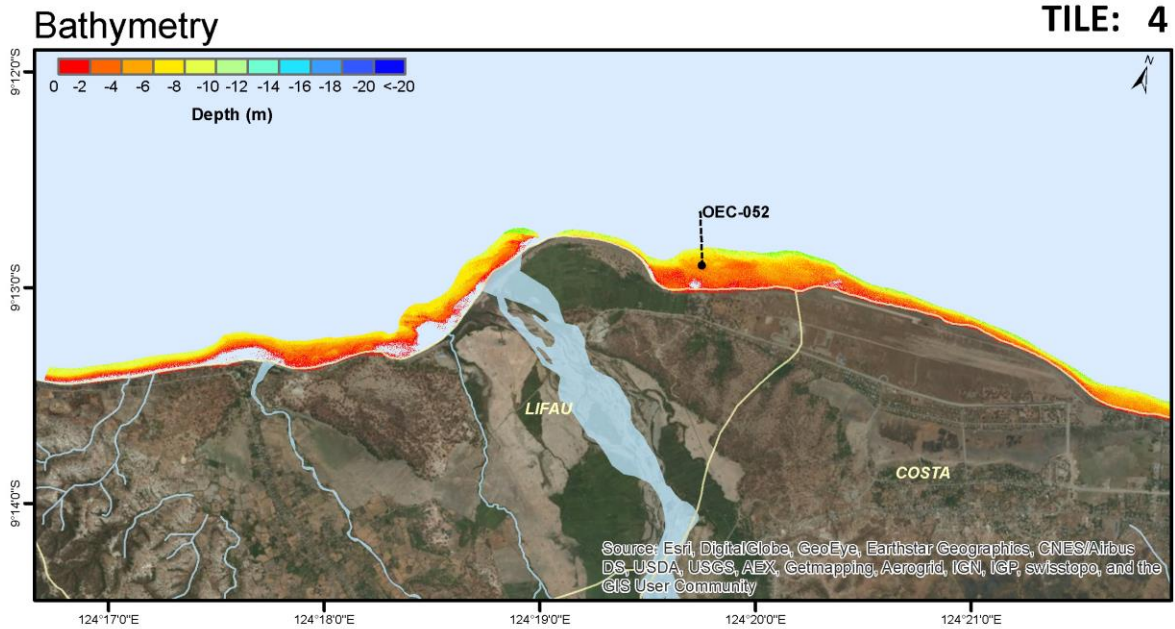


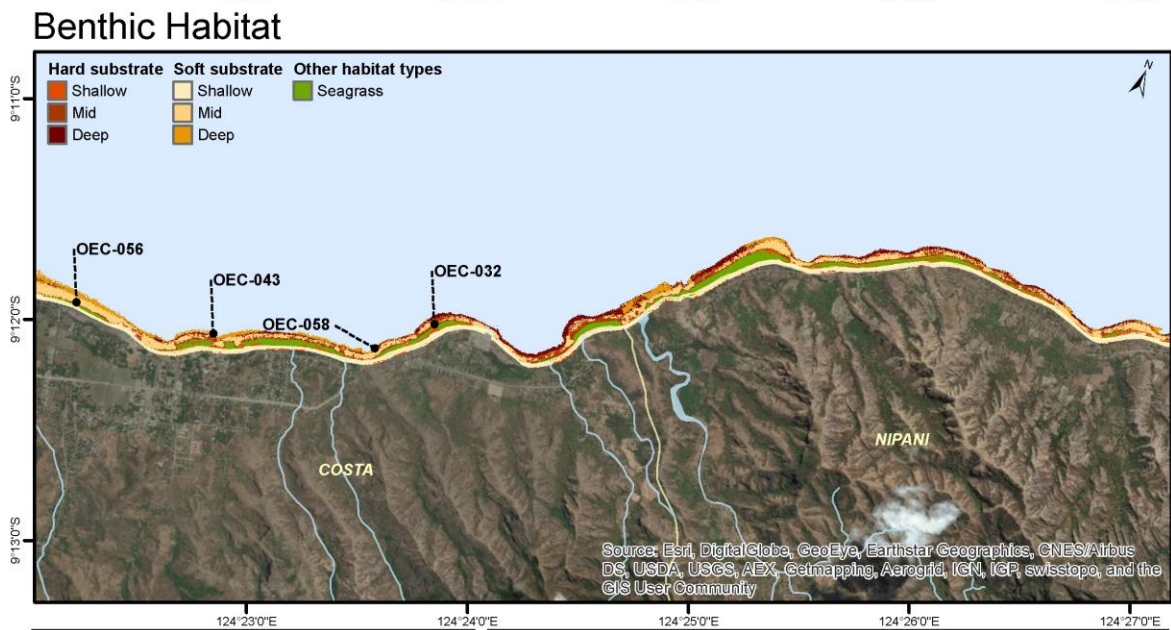
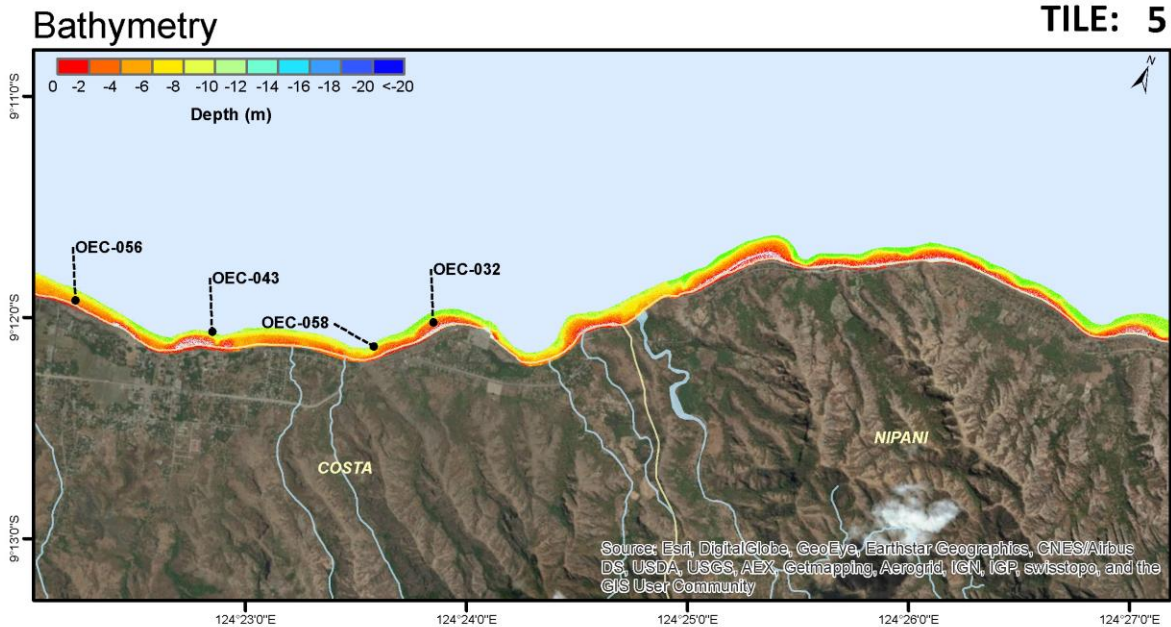






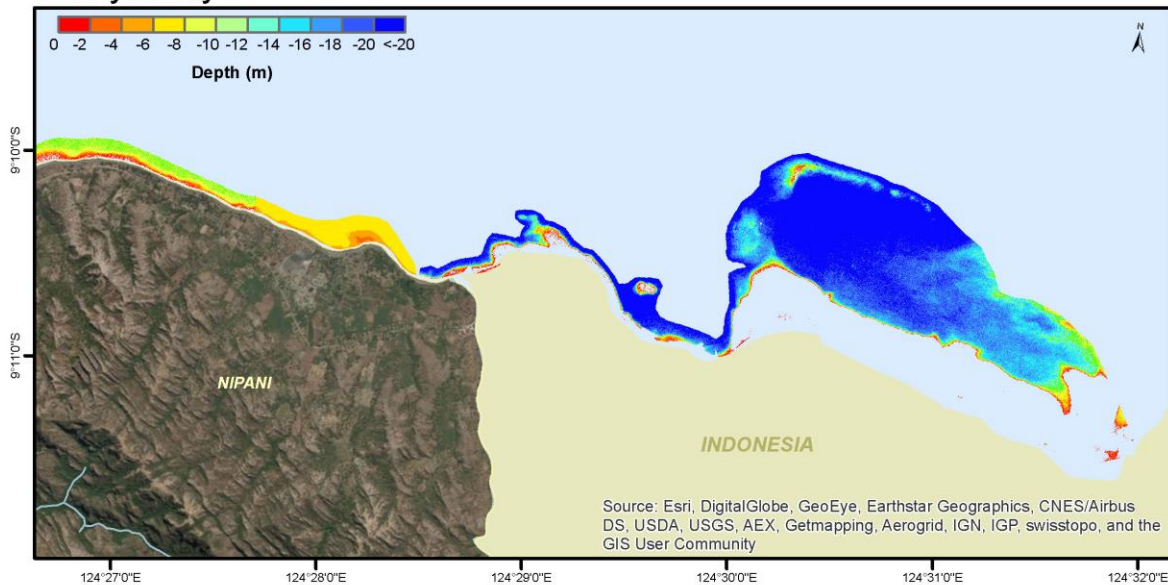




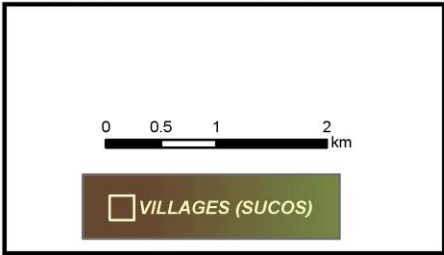
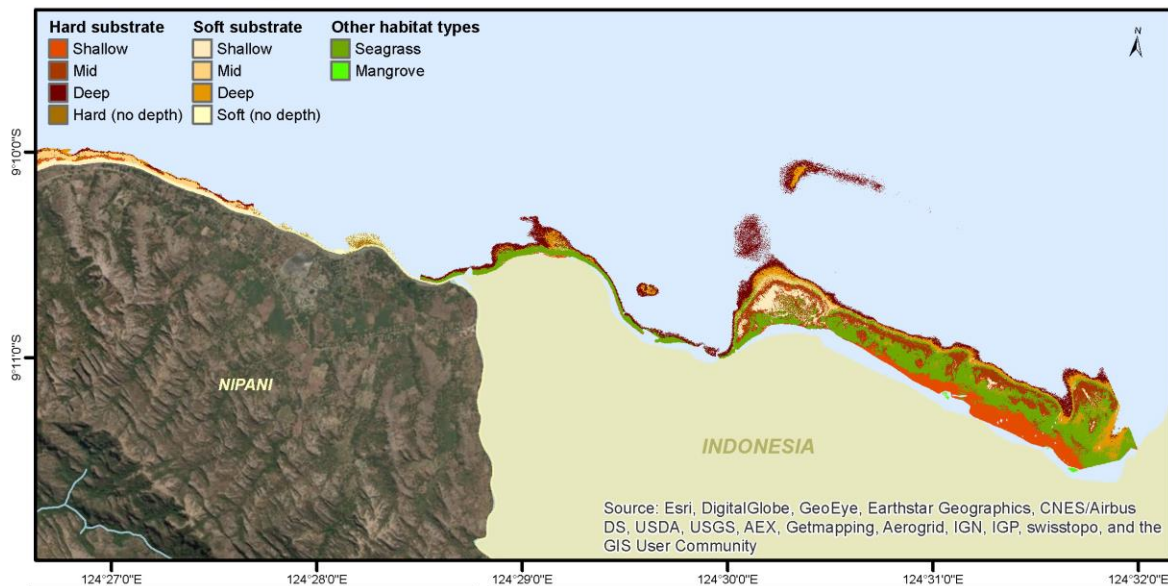




Bathymetry



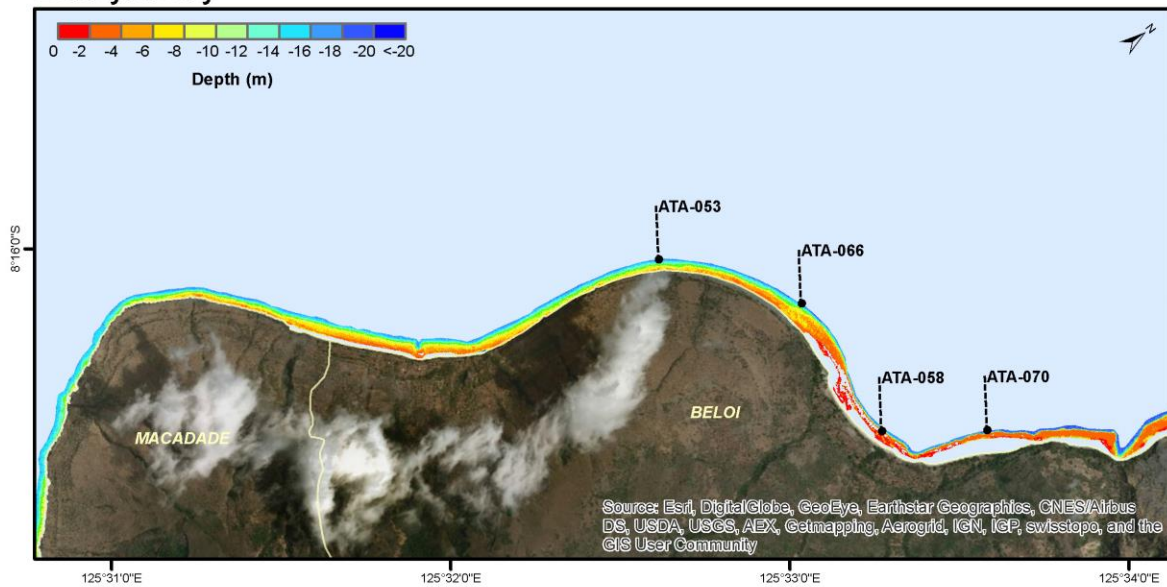
Benthic Habitat



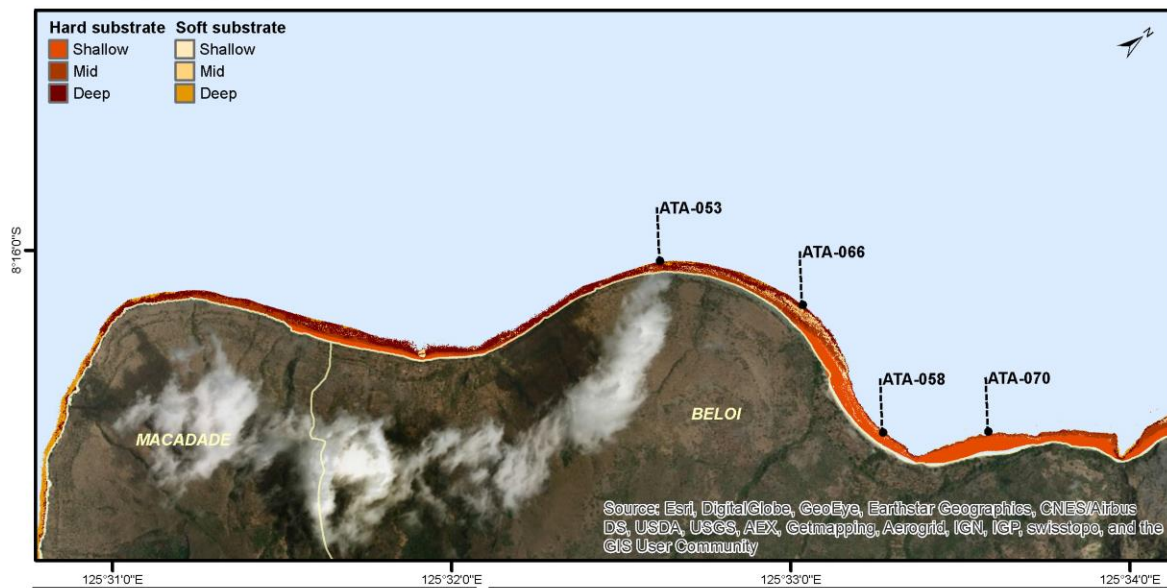
## DISTRICT: Dili (Atauro Island)

TILE: 7

### Bathymetry



### Benthic Habitat



#### Survey Sites

- Coral Reef Ecosystem Assessments

0 0.5 1 2 km

VILLAGES (SUCOS)

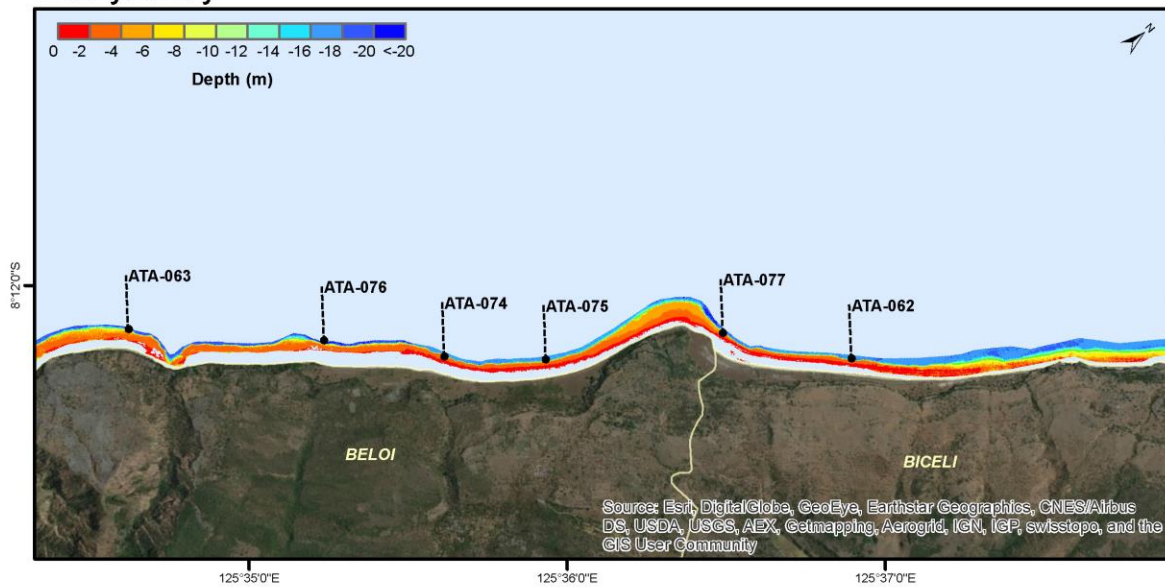




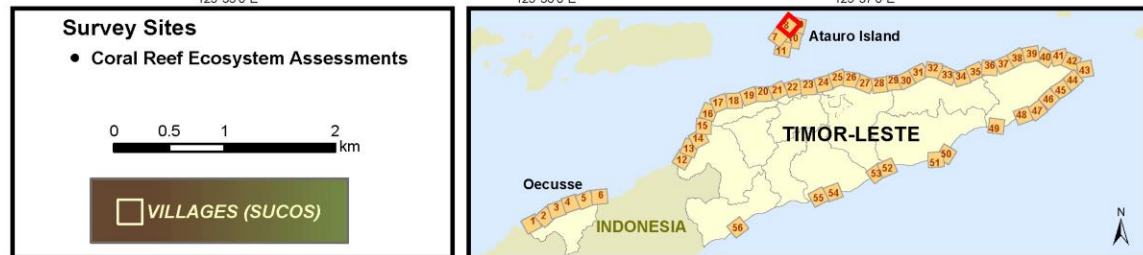
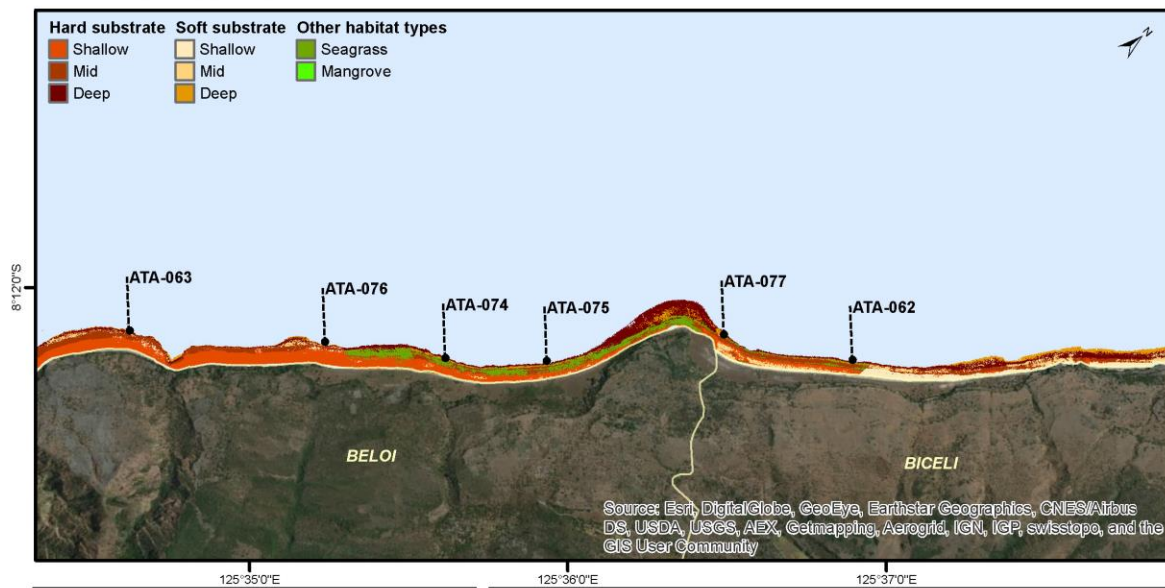
# DISTRICT: Dili (Atauro Island)

TILE: 8

## Bathymetry



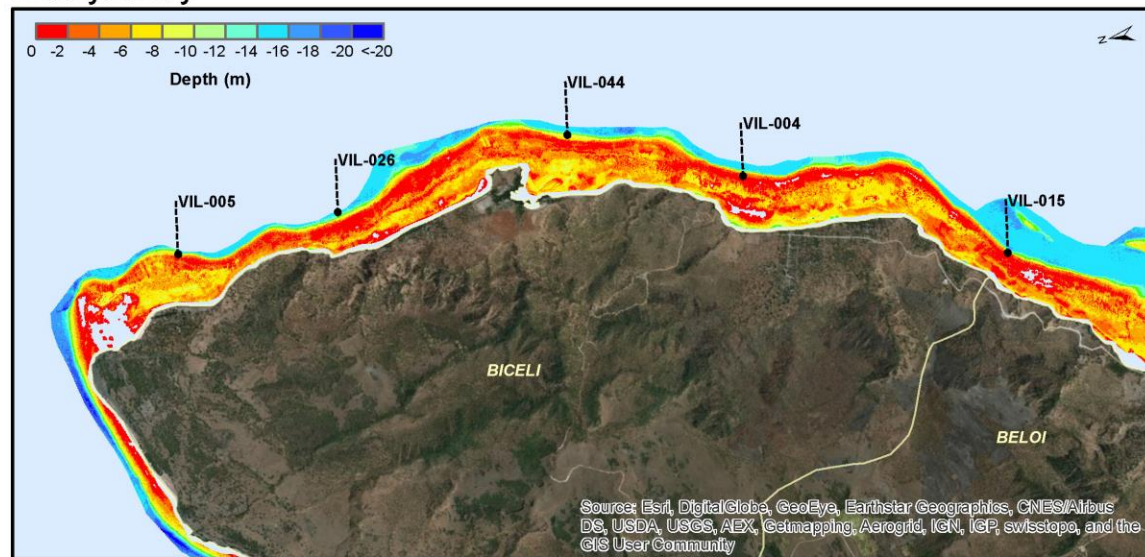
## Benthic Habitat



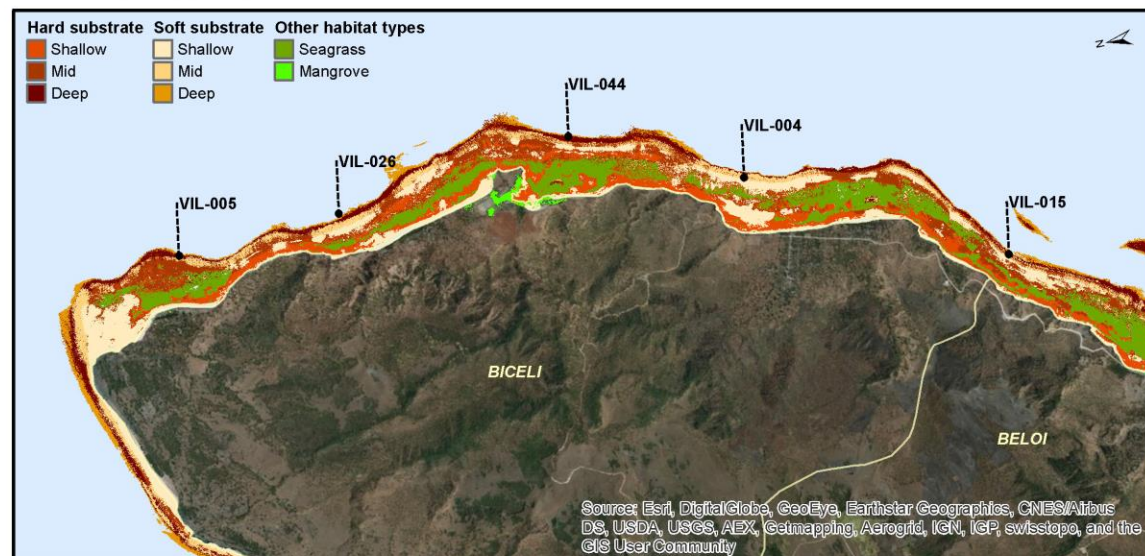
## DISTRICT: Dili (Atauro Island)

TILE: 9

### Bathymetry



### Benthic Habitat



### Survey Sites

- Coral Reef Ecosystem Assessments

0 0.5 1 2 km

VILLAGES (SUCOS)

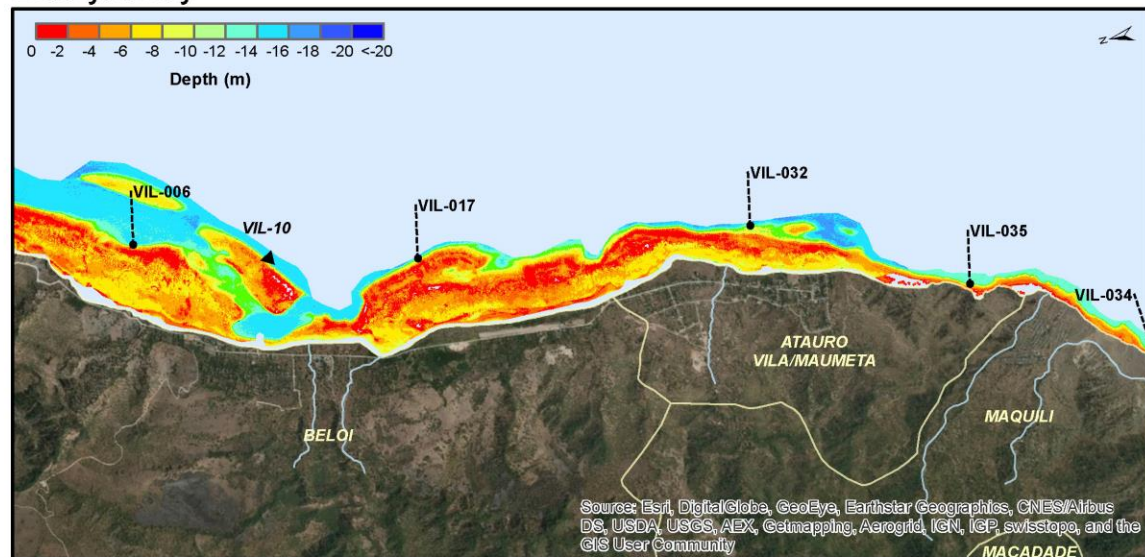




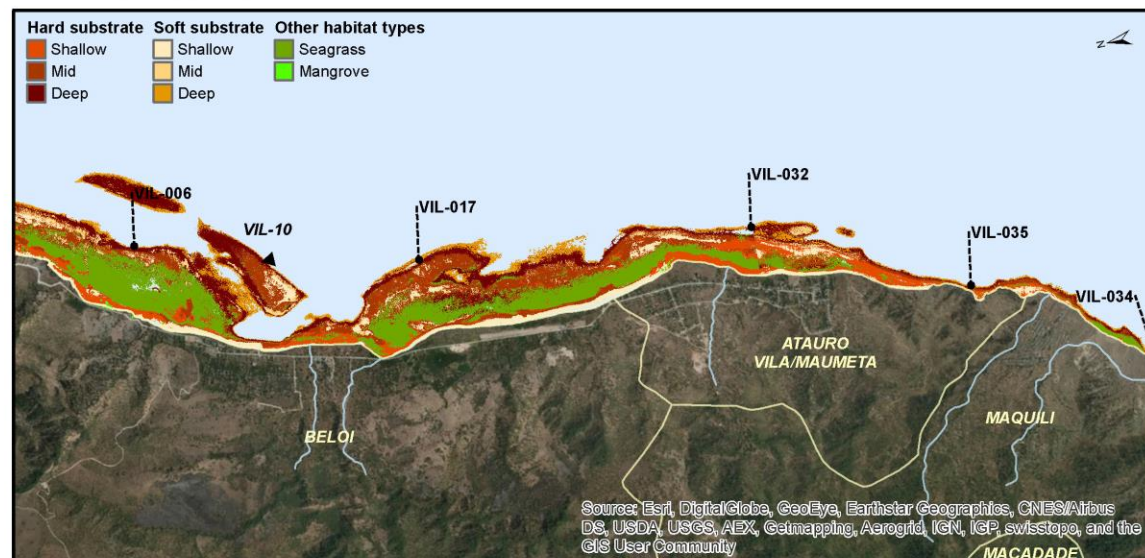
## DISTRICT: Dili (Atauro Island)

TILE: 10

### Bathymetry



### Benthic Habitat



#### Survey Sites

- Coral Reef Ecosystem Assessments
- ▲ Climate Monitoring

0 0.5 1 2 km

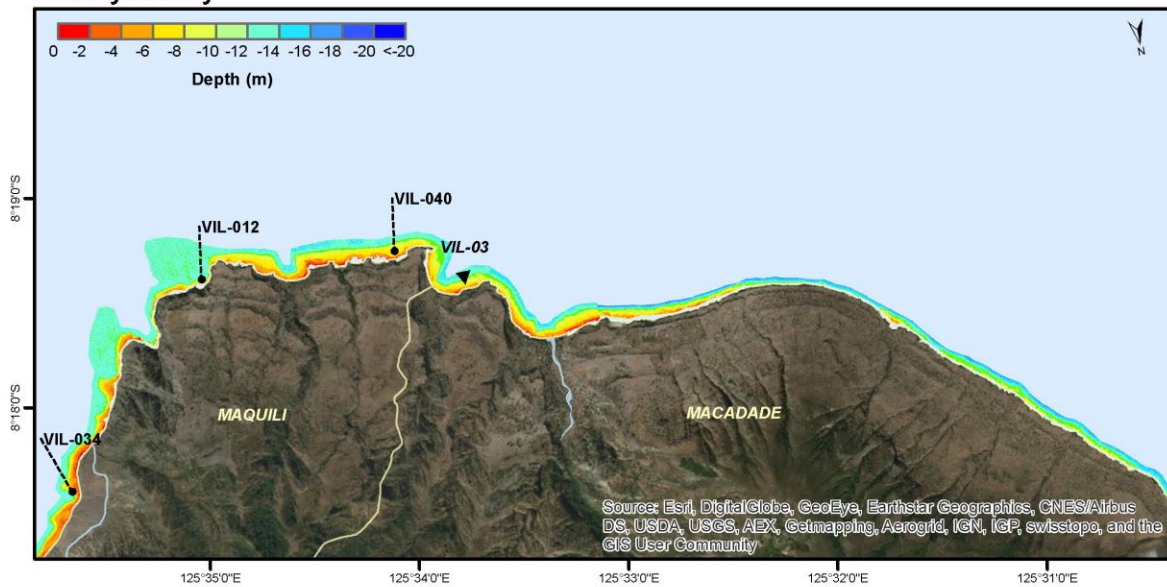
VILLAGES (SUCOS)



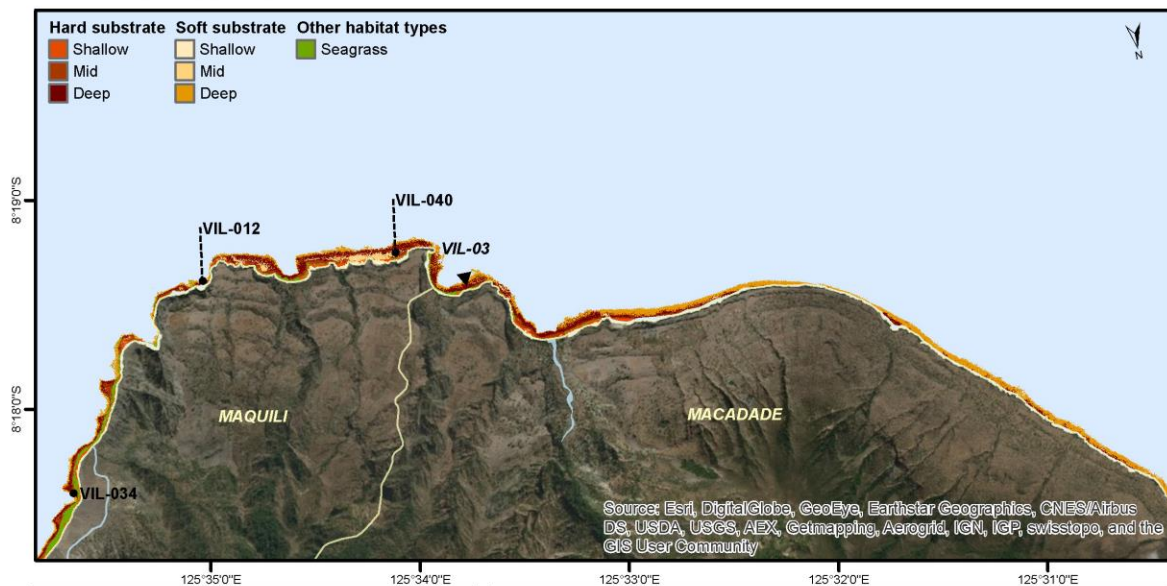
# DISTRICT: Dili (Atauro Island)

TILE: 11

## Bathymetry



## Benthic Habitat



### Survey Sites

- Coral Reef Ecosystem Assessments
- ▲ Climate Monitoring

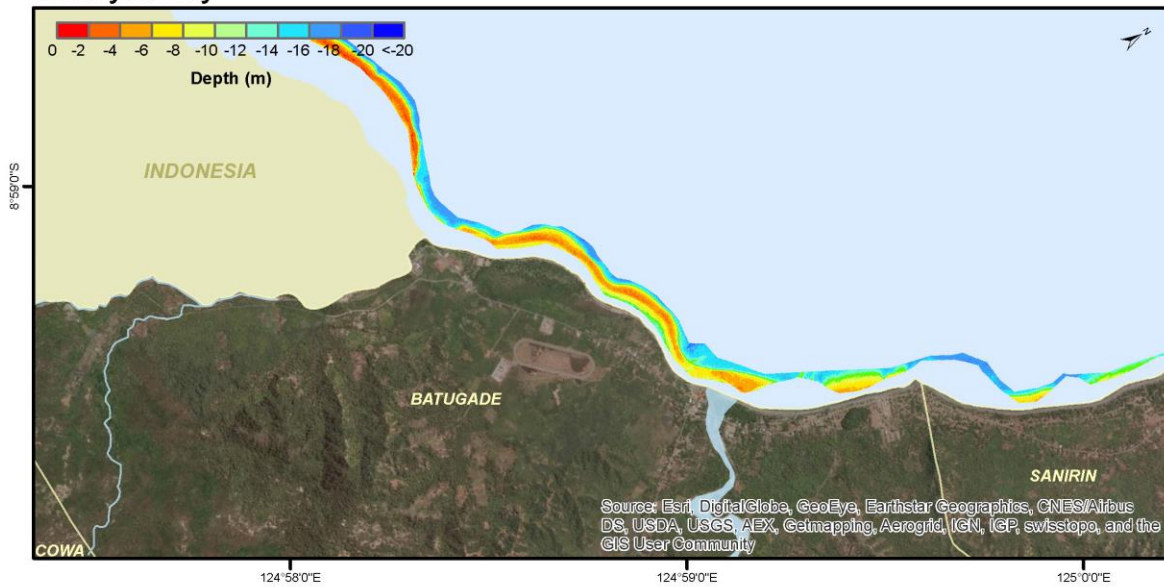
0 0.5 1 2 km

VILLAGES (SUCOS)

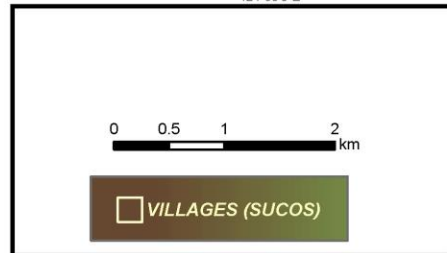
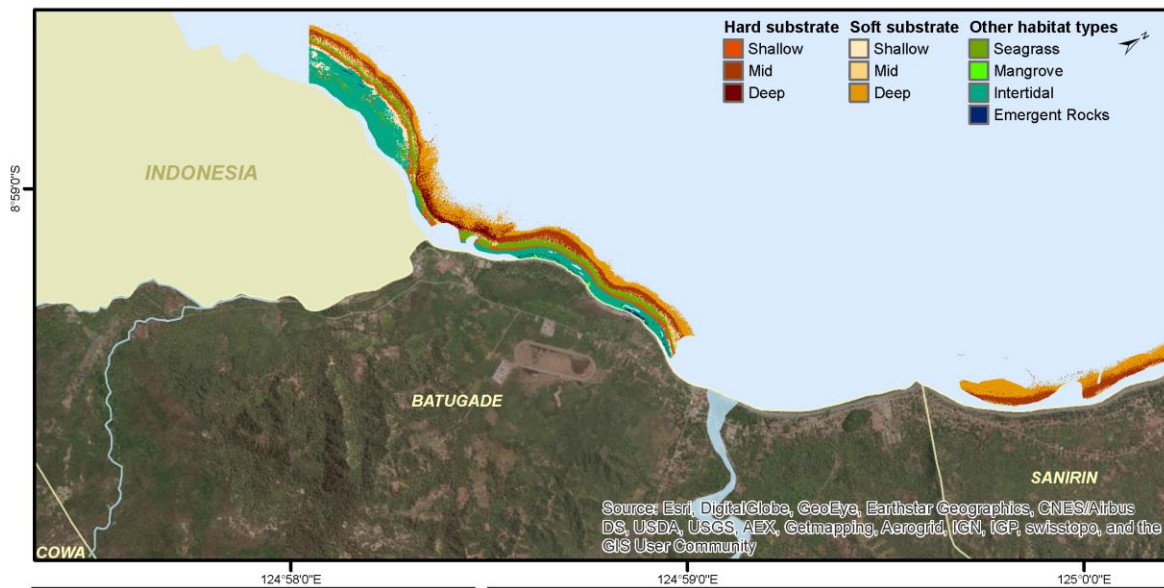




# Bathymetry

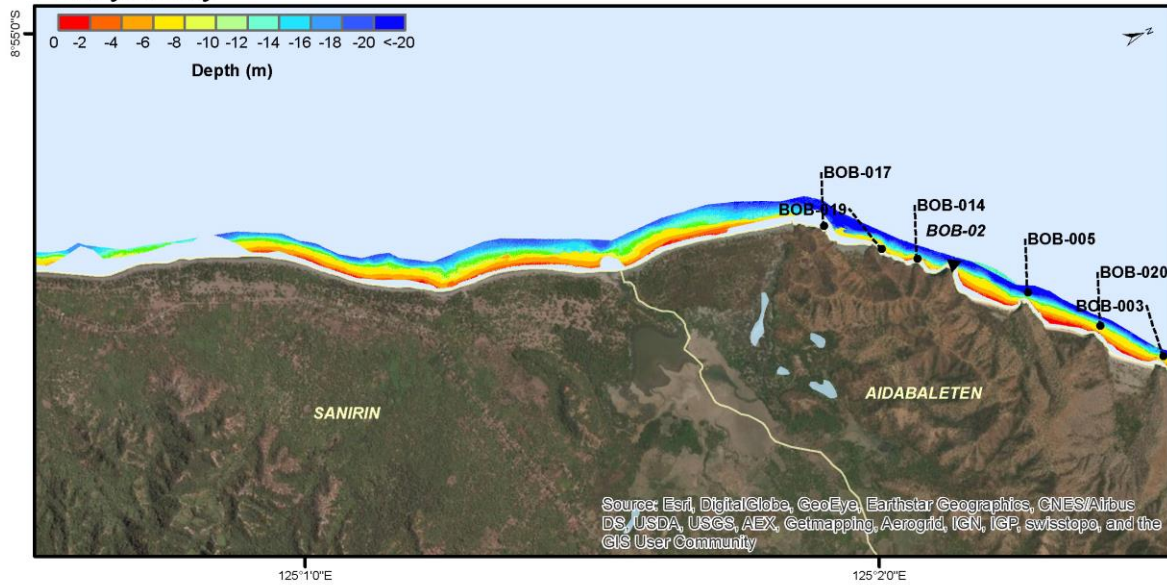


# Benthic Habitat

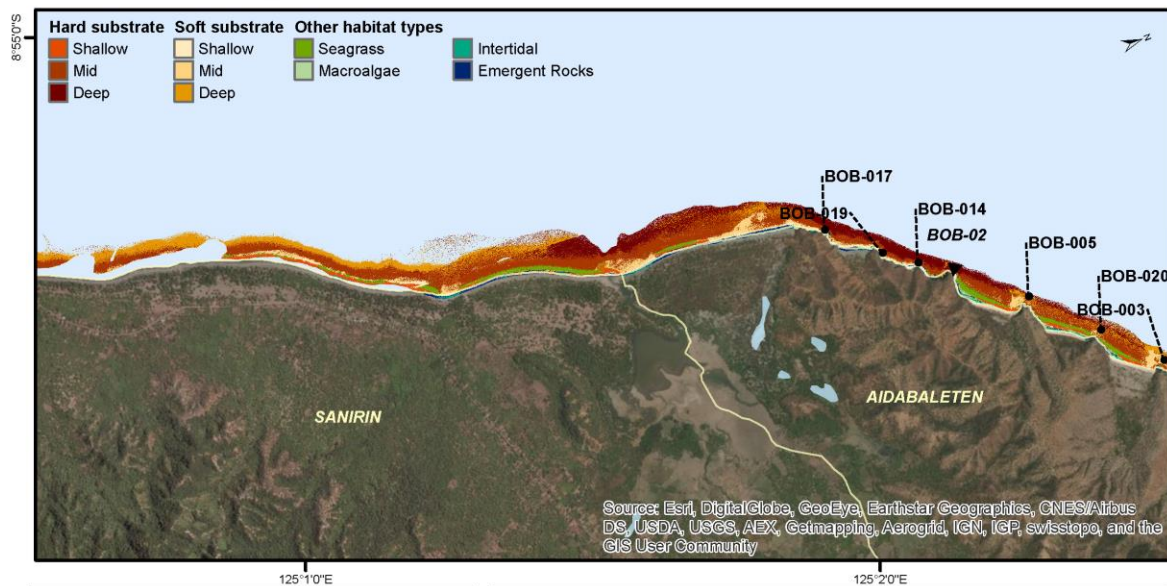


**DISTRICT: Bobonaro**  
**TILE: 13**

**Bathymetry**



**Benthic Habitat**



**Survey Sites**

- Coral Reef Ecosystem Assessments
- ▲ Climate Monitoring

0 0.5 1 2 km

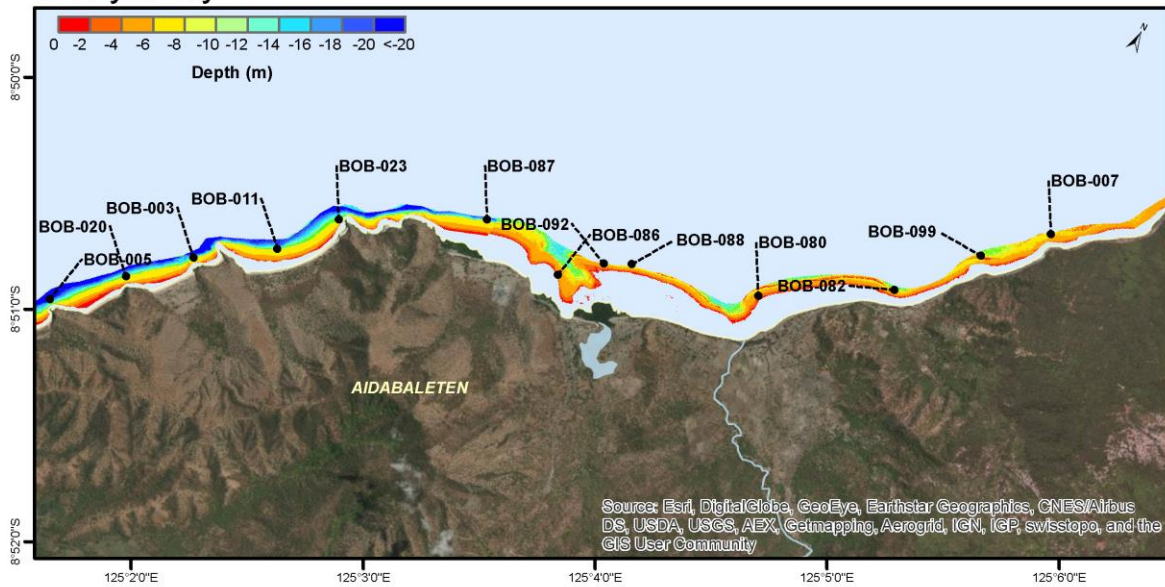
VILLAGES (SUCOS)



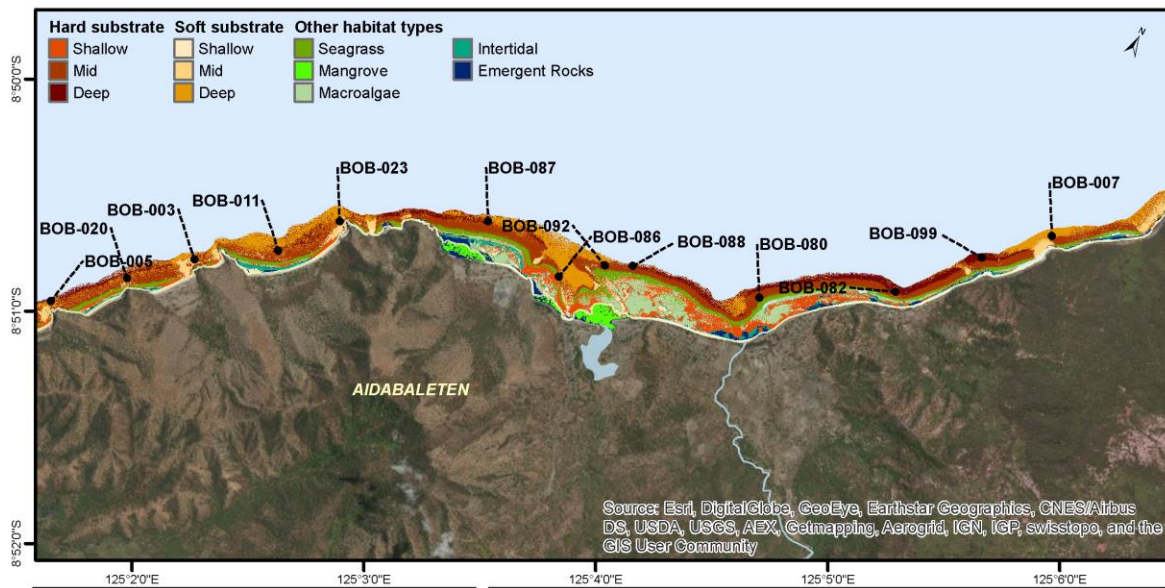


**DISTRICT: Bobonaro**  
**TILE: 14**

**Bathymetry**



**Benthic Habitat**



**Survey Sites**

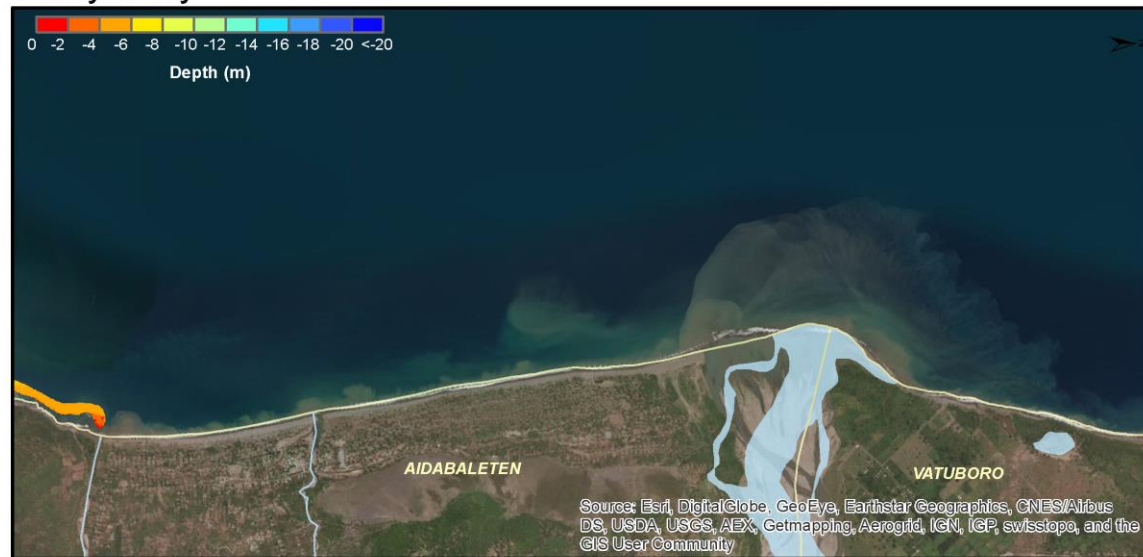
- Coral Reef Ecosystem Assessments

0 0.5 1 2 km

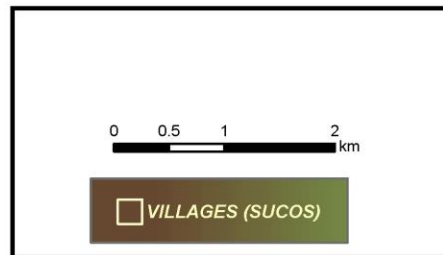
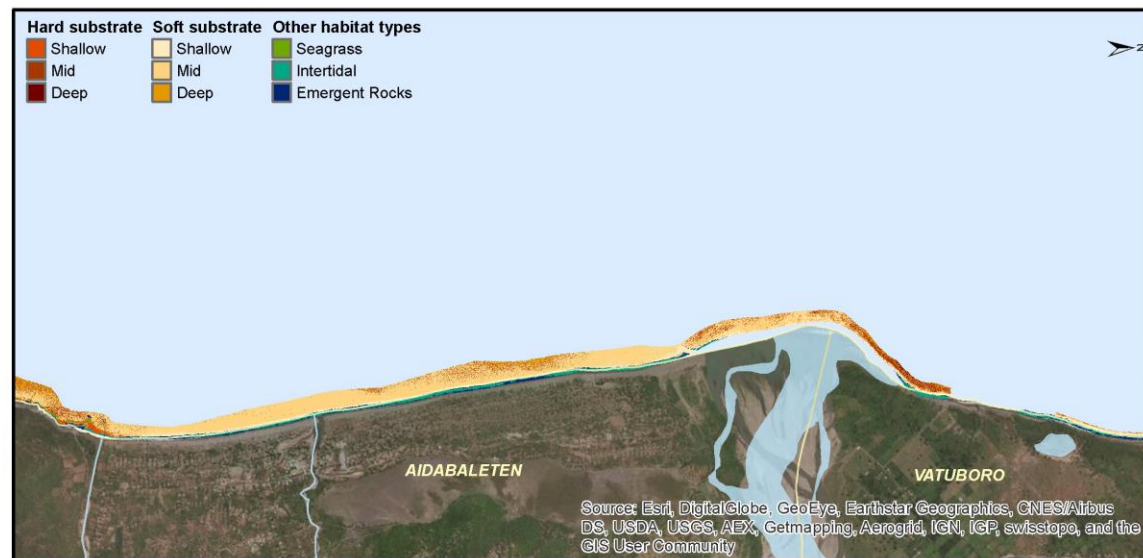
VILLAGES (SUCOS)



## Bathymetry



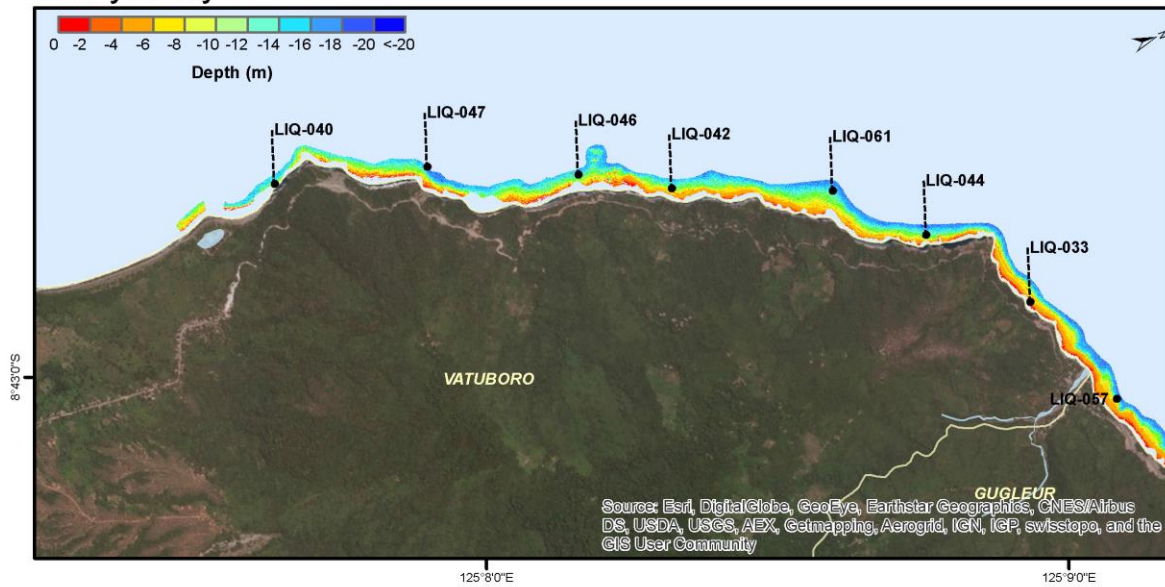
## Benthic Habitat



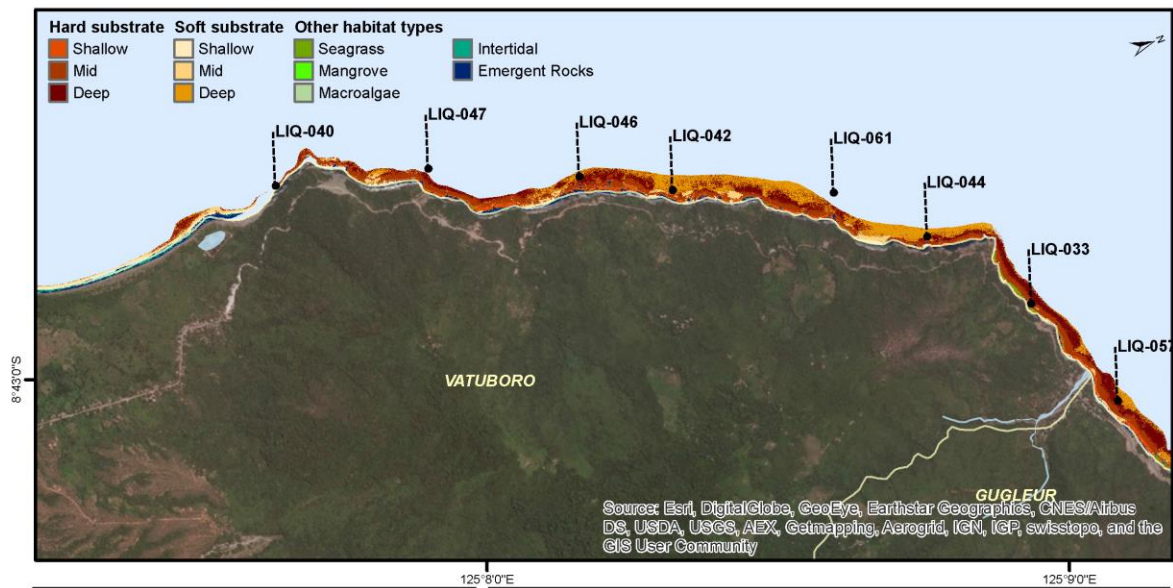


**DISTRICT: Liquica**  
**TILE: 16**

**Bathymetry**

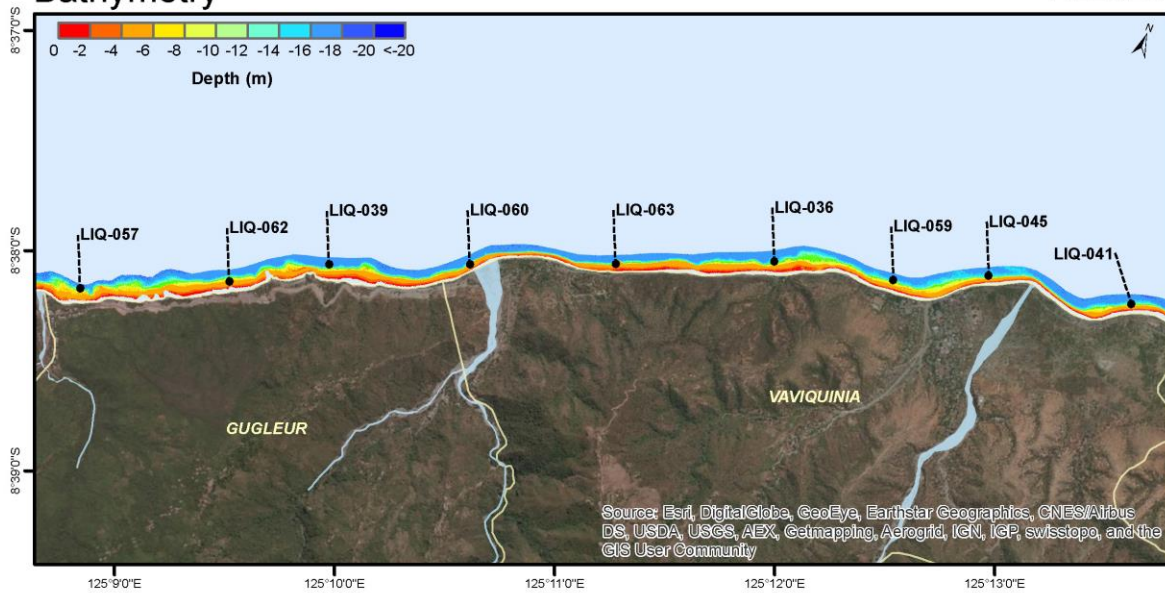


**Benthic Habitat**

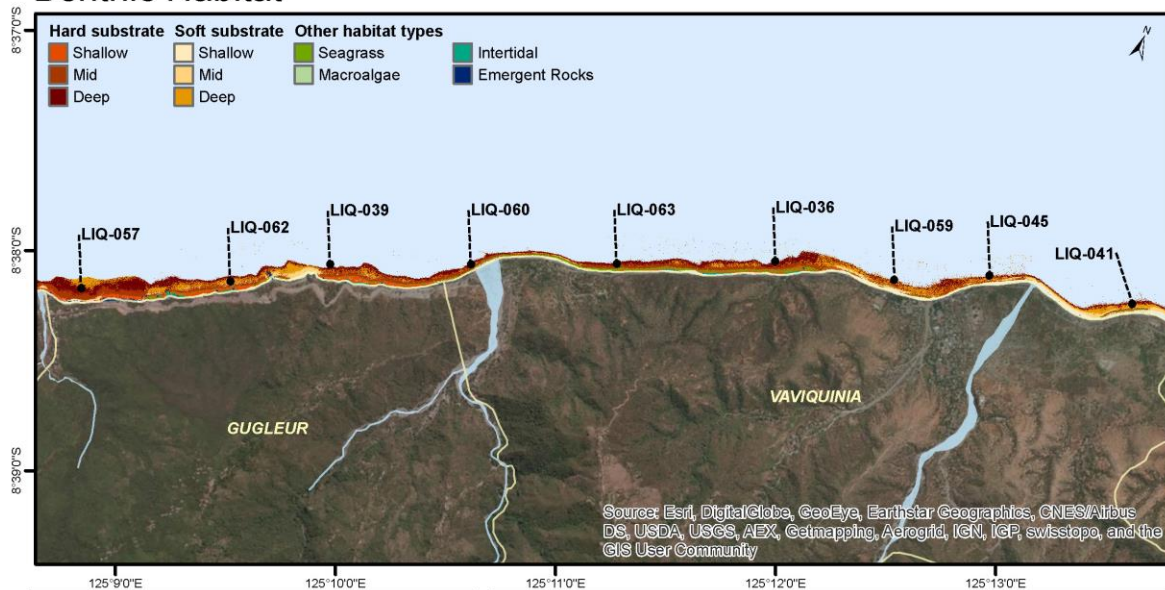


**DISTRICT: Liquica**  
**TILE: 17**

**Bathymetry**



**Benthic Habitat**



**Survey Sites**

- Coral Reef Ecosystem Assessments

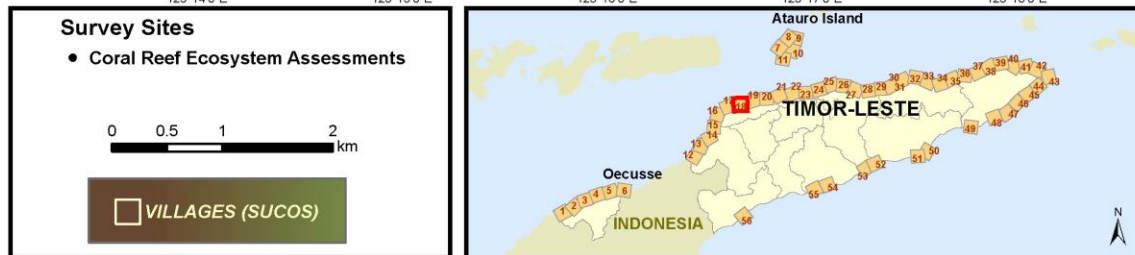
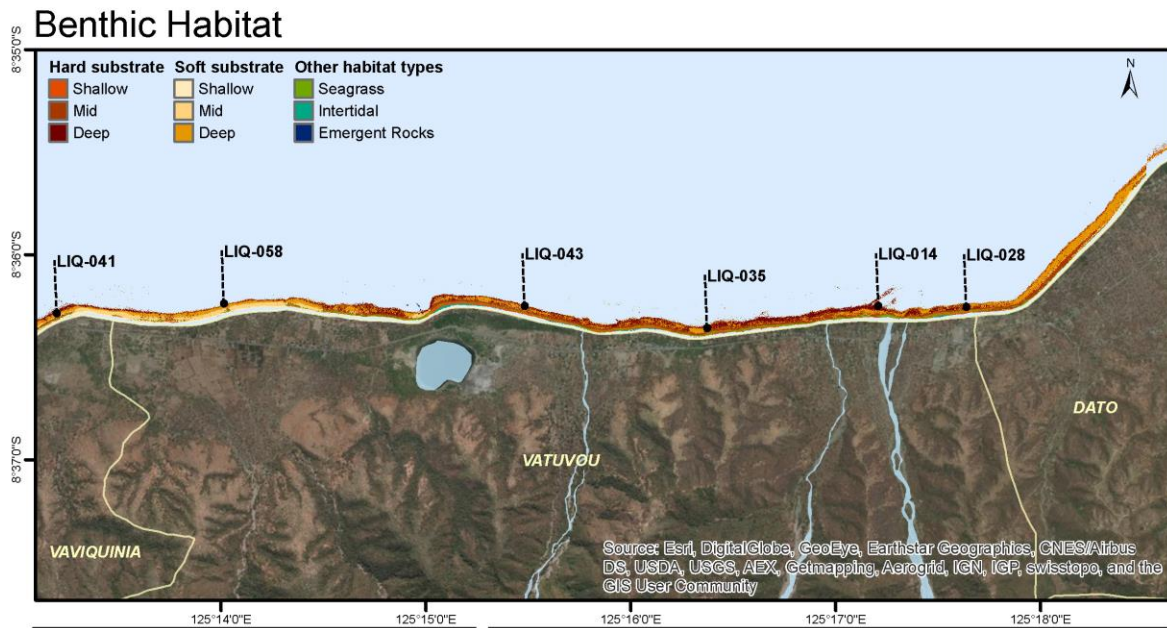
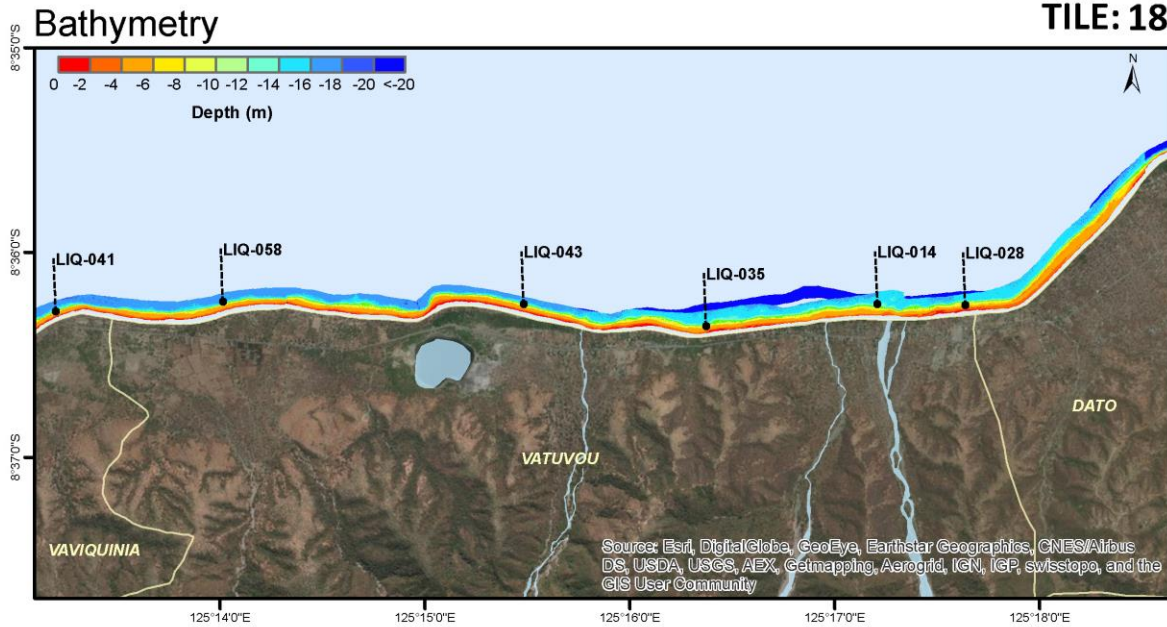
0 0.5 1 2 km

VILLAGES (SUCOS)



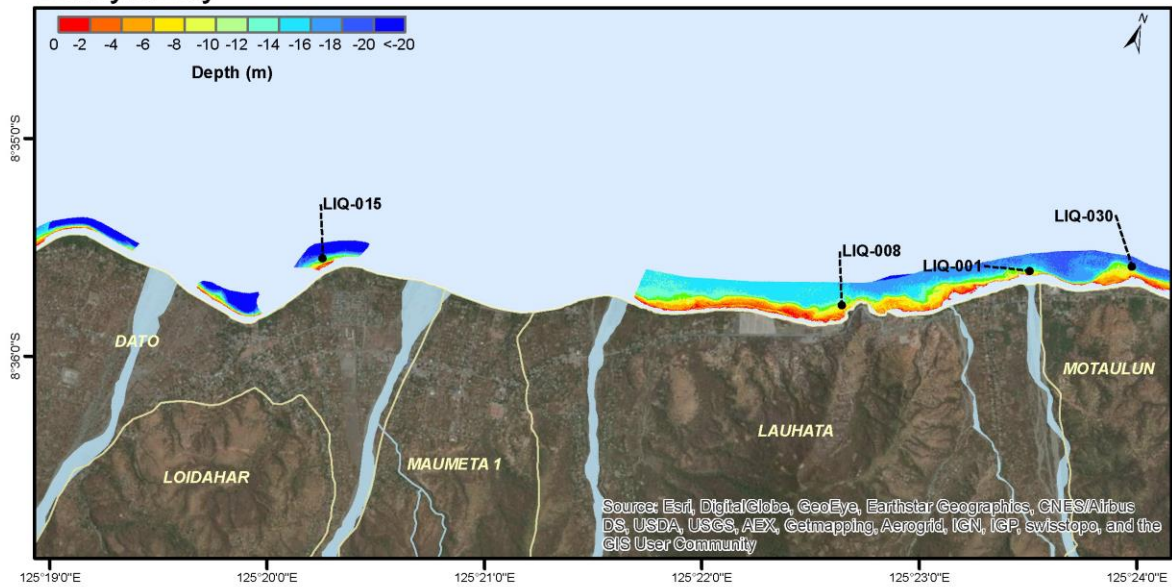


**DISTRICT: Liquica**  
**TILE: 18**

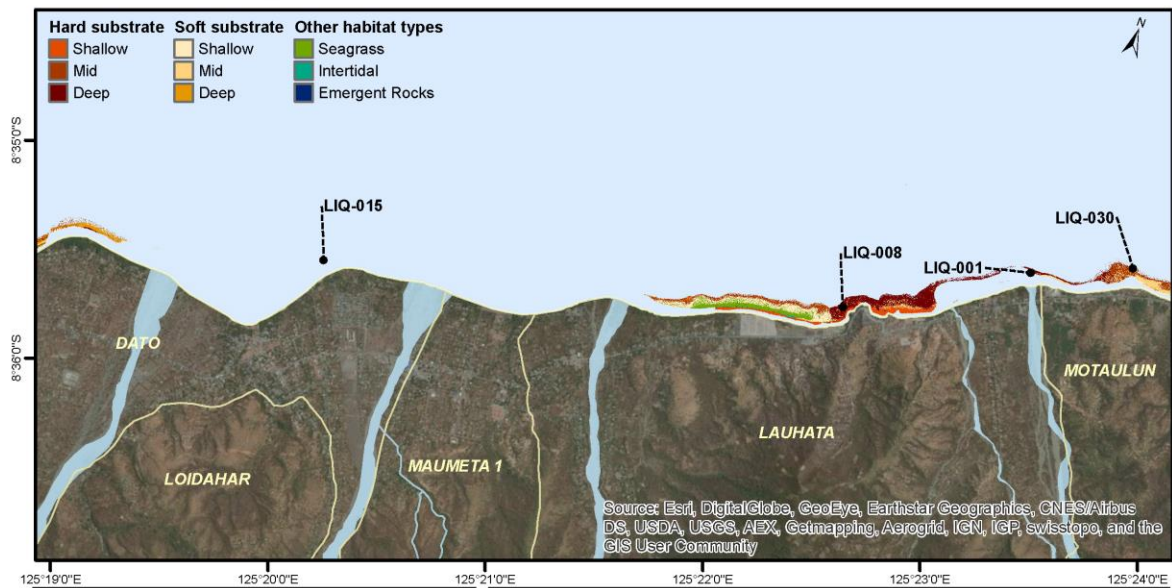


**DISTRICT: Liquica**  
**TILE: 19**

**Bathymetry**



**Benthic Habitat**



**Survey Sites**

- Coral Reef Ecosystem Assessments

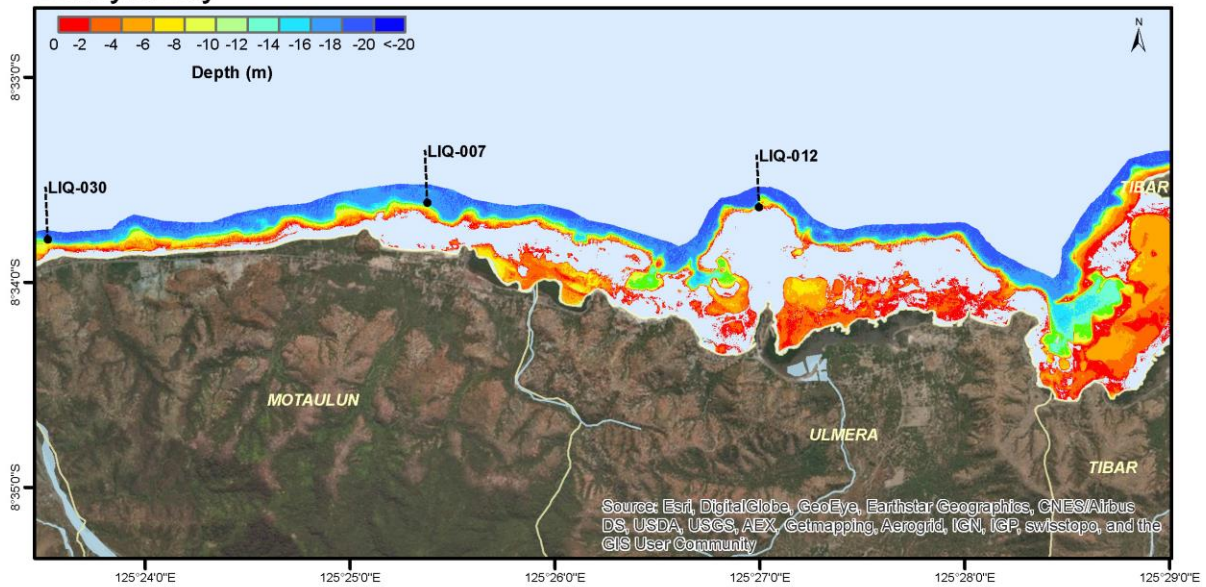
0 0.5 1 2 km

VILLAGES (SUCOS)

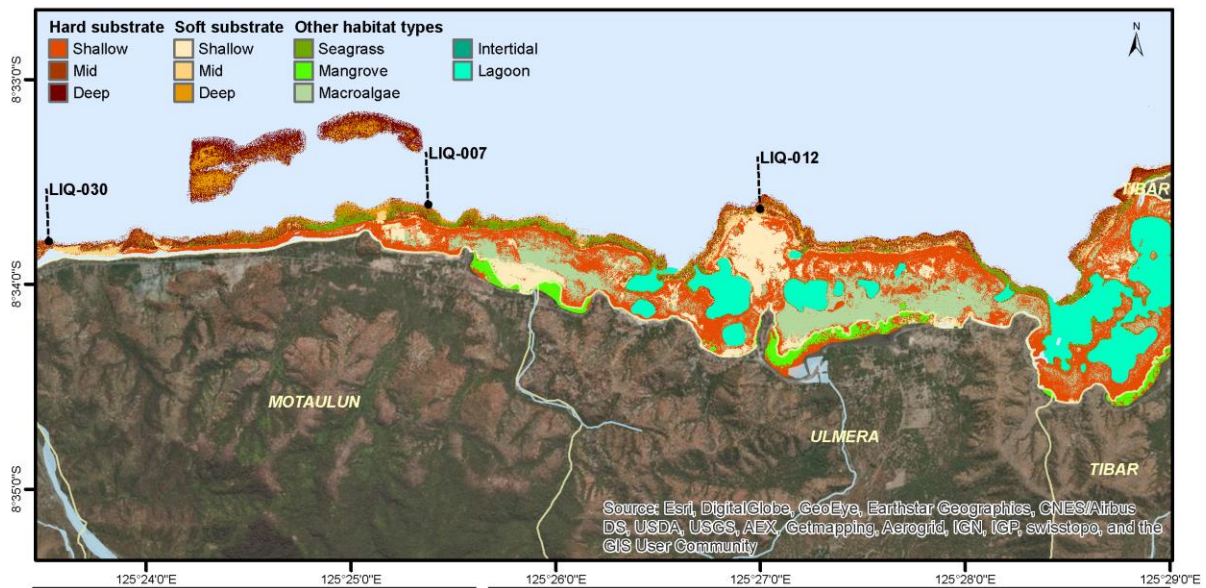




## Bathymetry



## Benthic Habitat



### Survey Sites

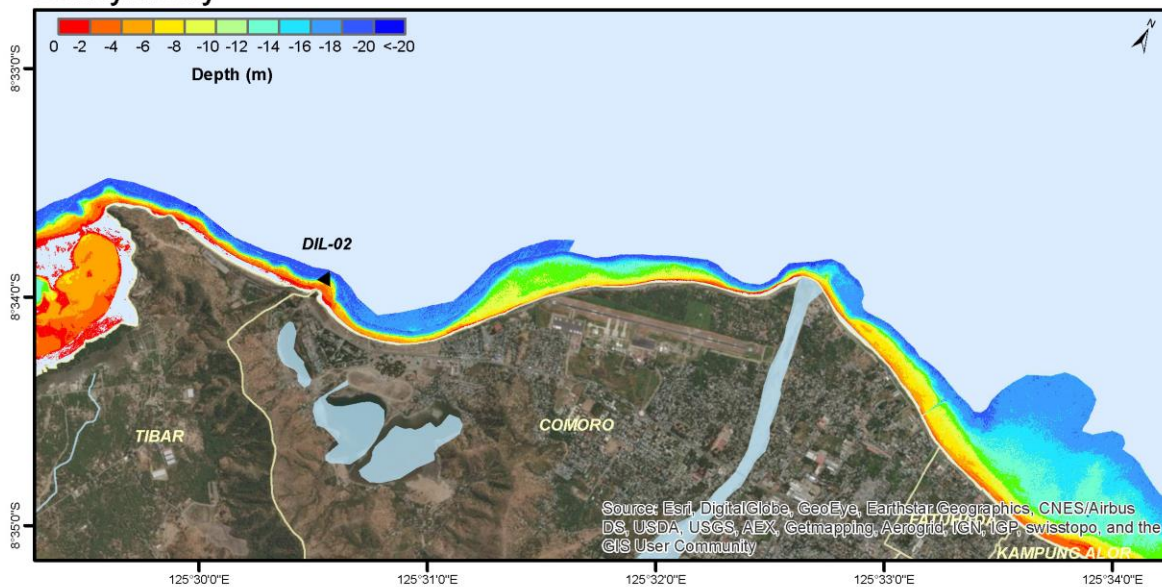
- Coral Reef Ecosystem Assessments

0 0.5 1 2 km

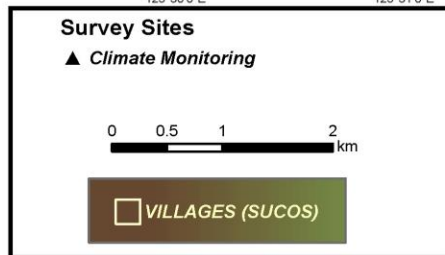
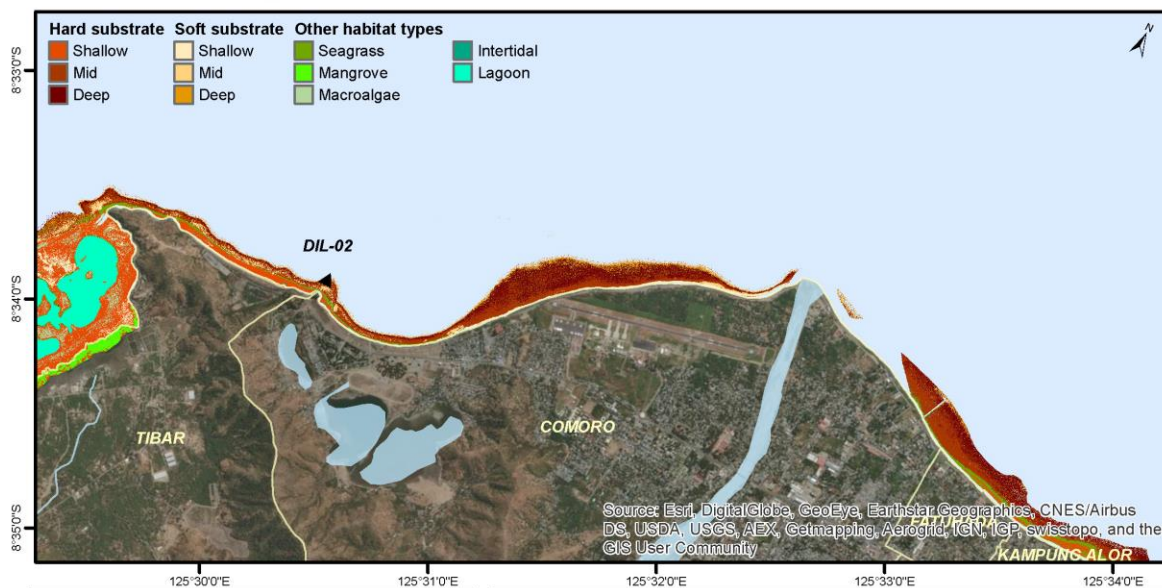
VILLAGES (SUCOS)



## Bathymetry

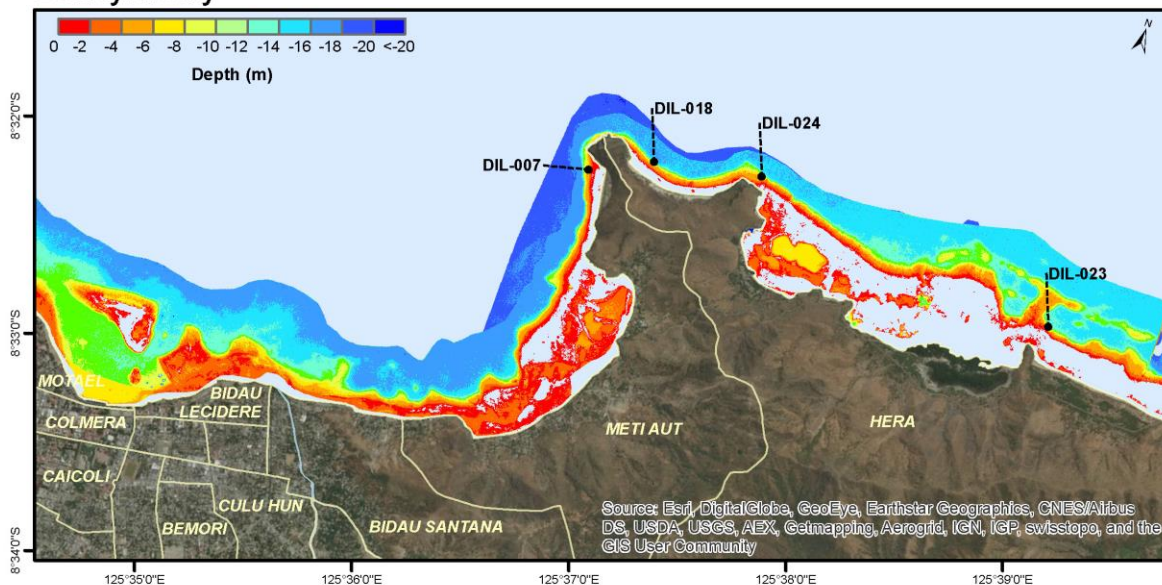


## Benthic Habitat

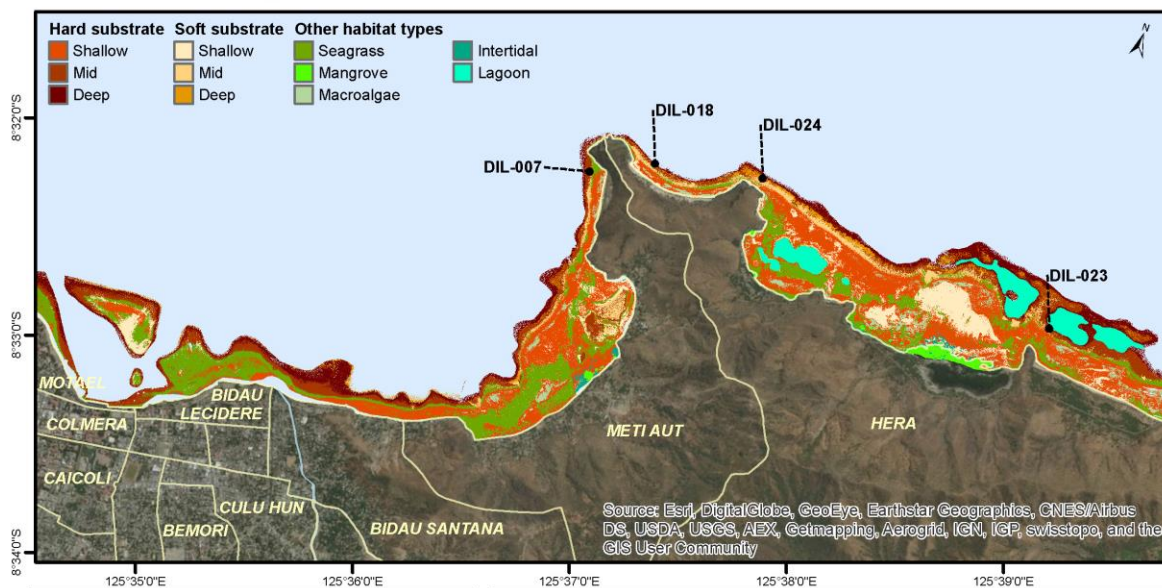




## Bathymetry



## Benthic Habitat



### Survey Sites

- Coral Reef Ecosystem Assessments

0 0.5 1 2 km

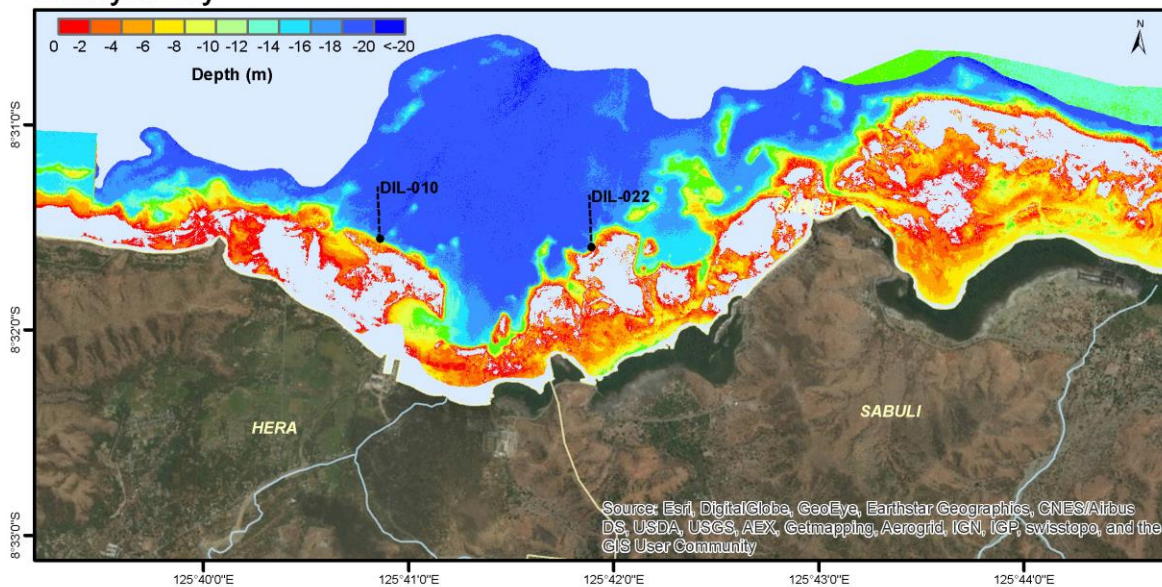
VILLAGES (SUCOS)



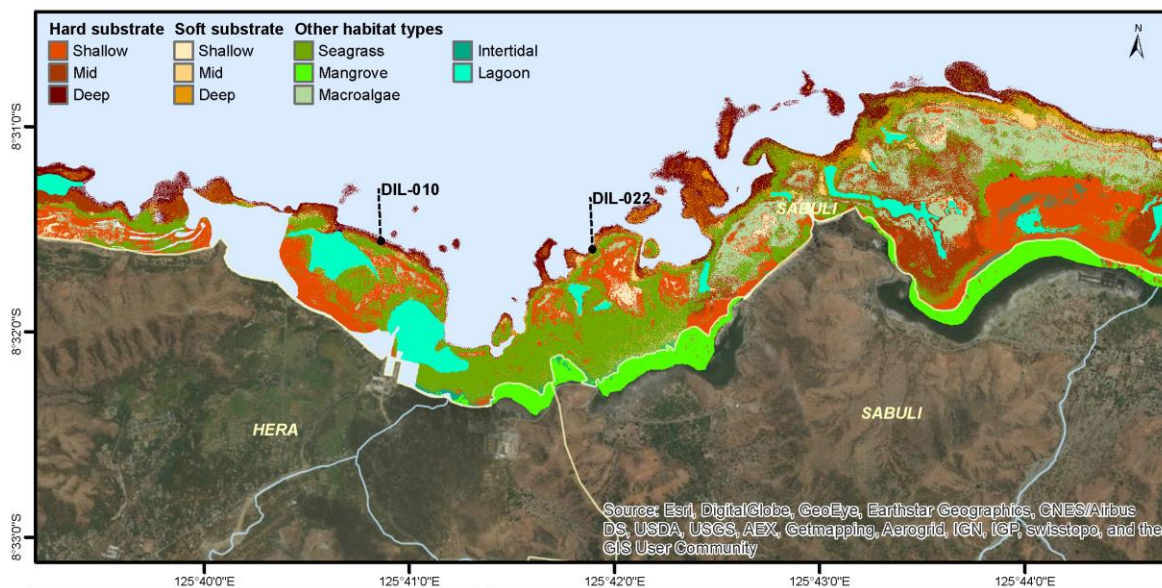
DISTRICT: Dili

TILE: 23

## Bathymetry



## Benthic Habitat



### Survey Sites

- Coral Reef Ecosystem Assessments

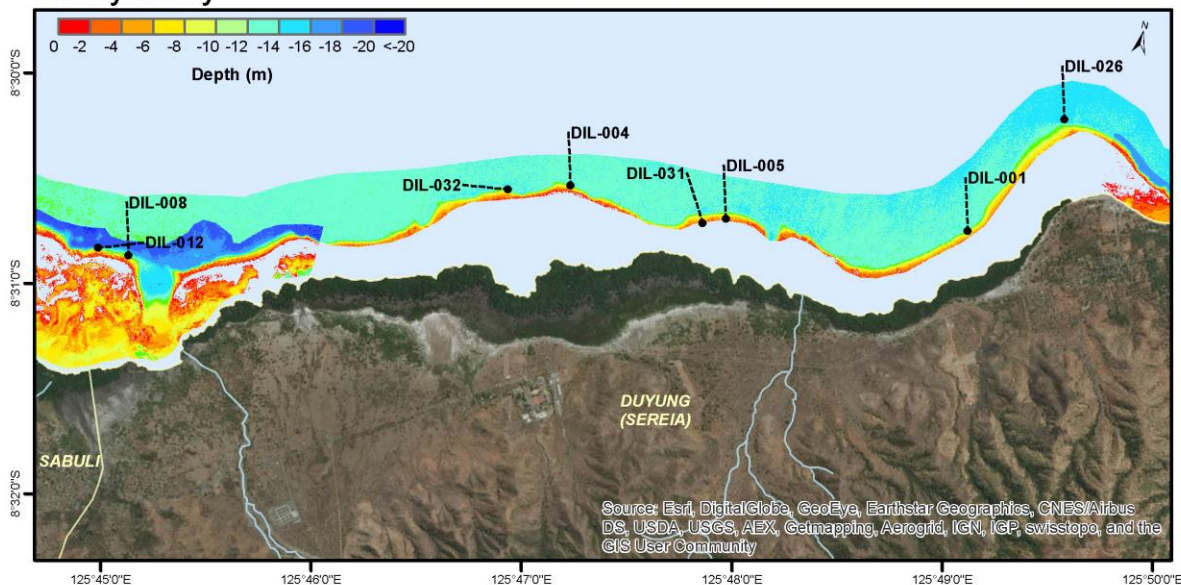
0 0.5 1 2 km

VILLAGES (SUCOS)

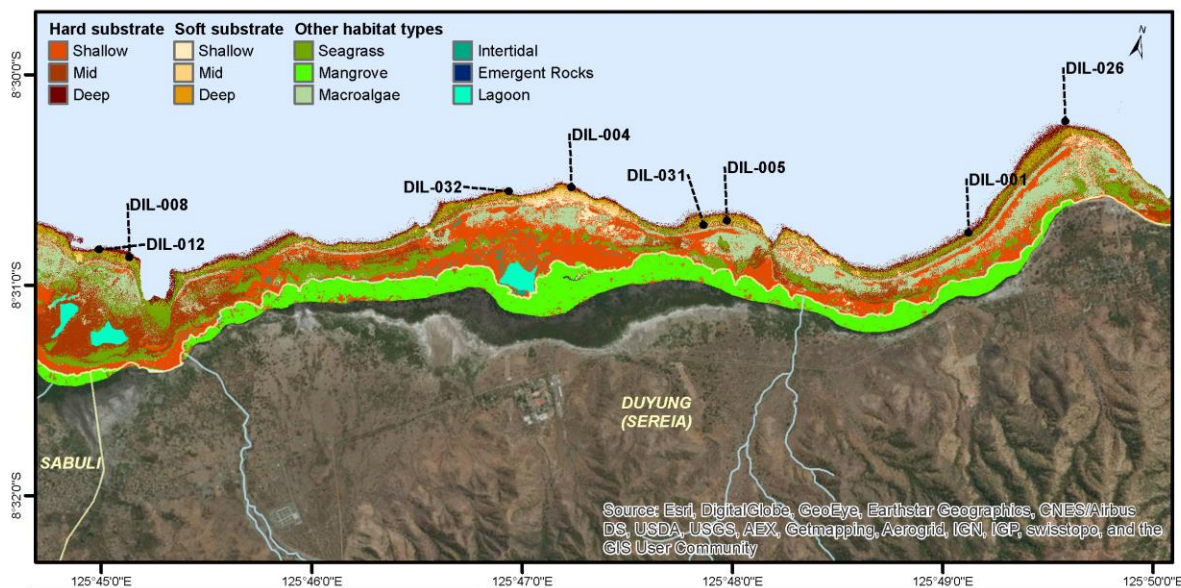




## Bathymetry



## Benthic Habitat



### Survey Sites

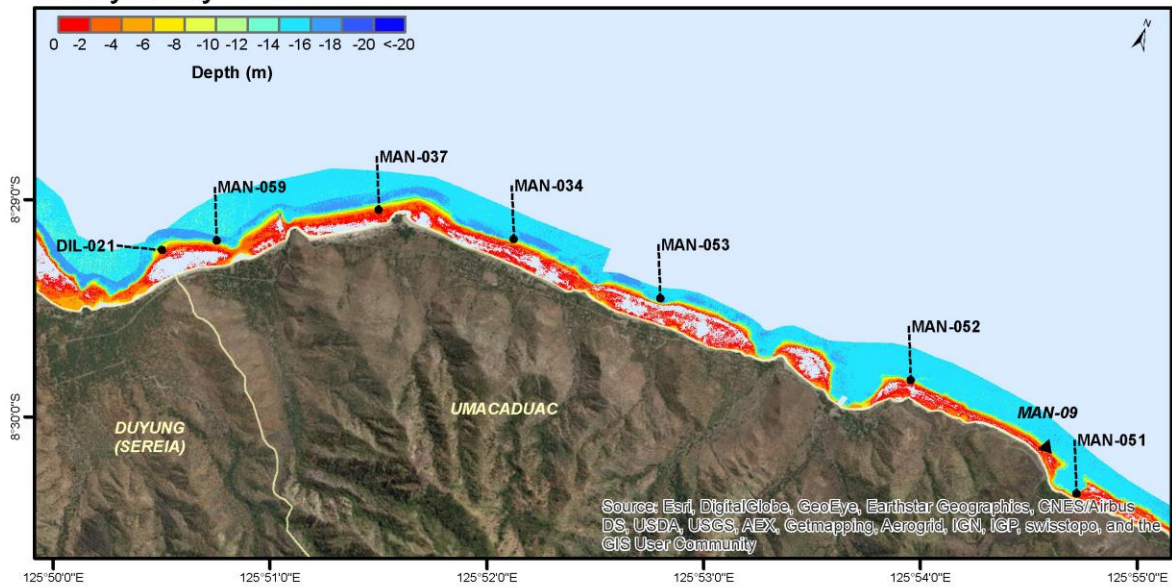
- Coral Reef Ecosystem Assessments

0 0.5 1 2 km

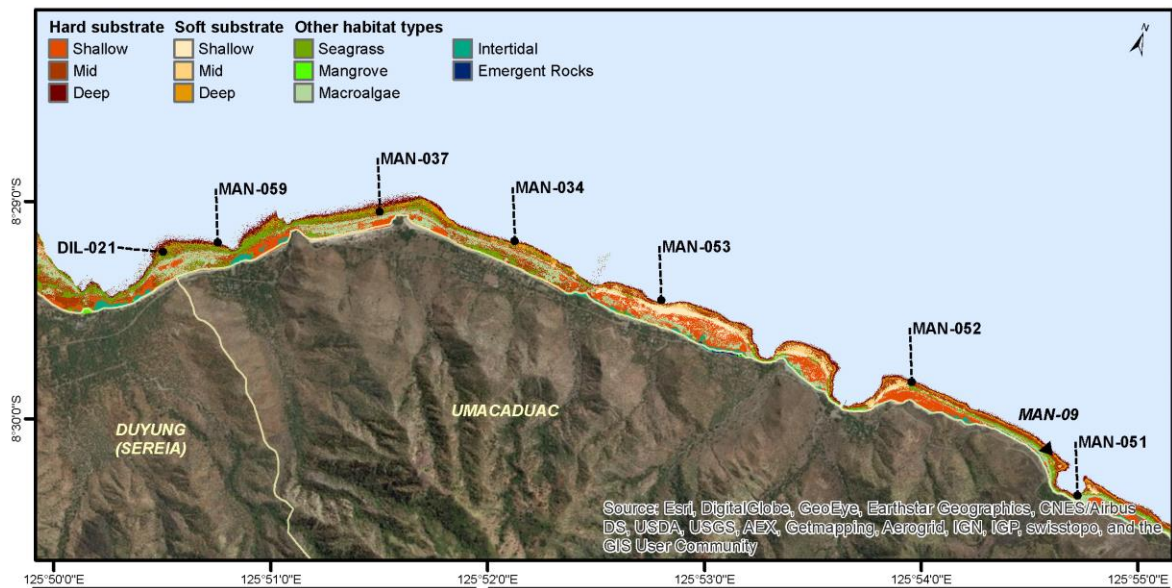
VILLAGES (SUCOS)



## Bathymetry



## Benthic Habitat



### Survey Sites

- Coral Reef Ecosystem Assessments
- ▲ Climate Monitoring

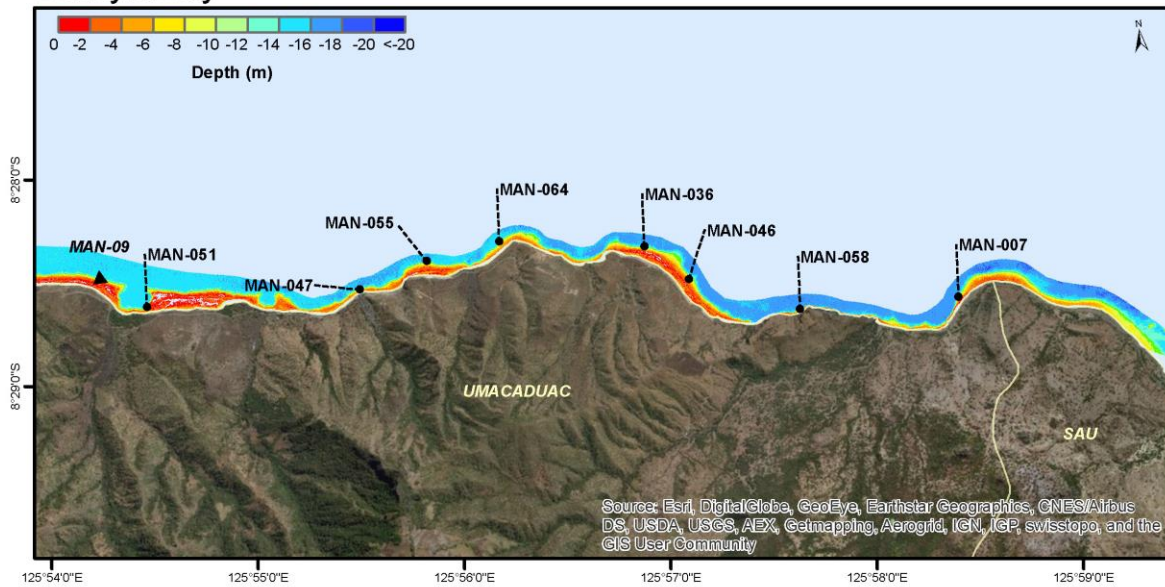
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VILLAGES (SUCOS)

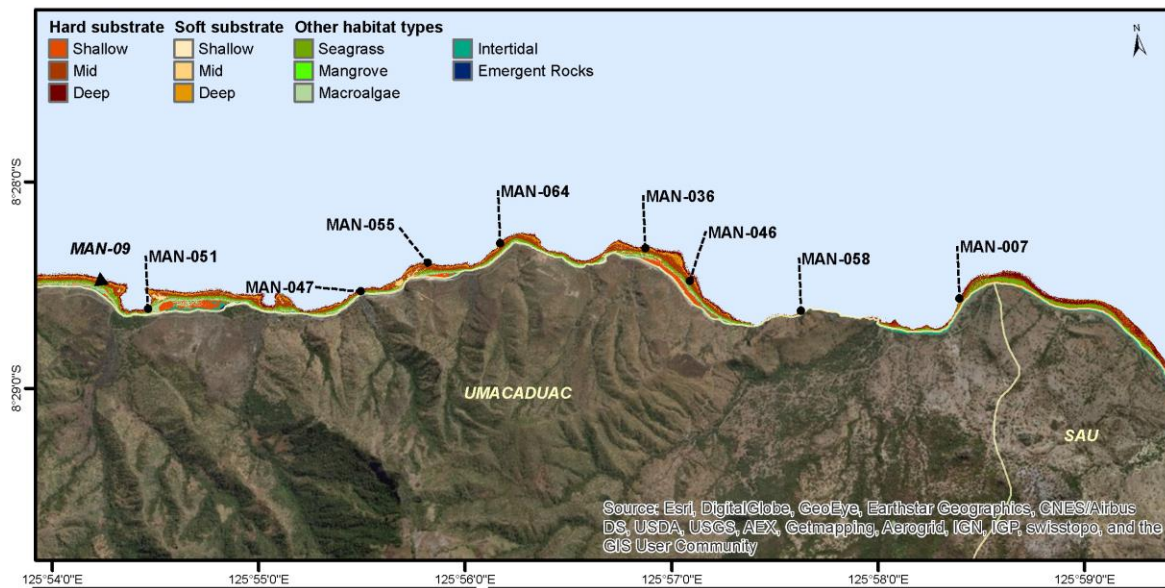




## Bathymetry



## Benthic Habitat



### Survey Sites

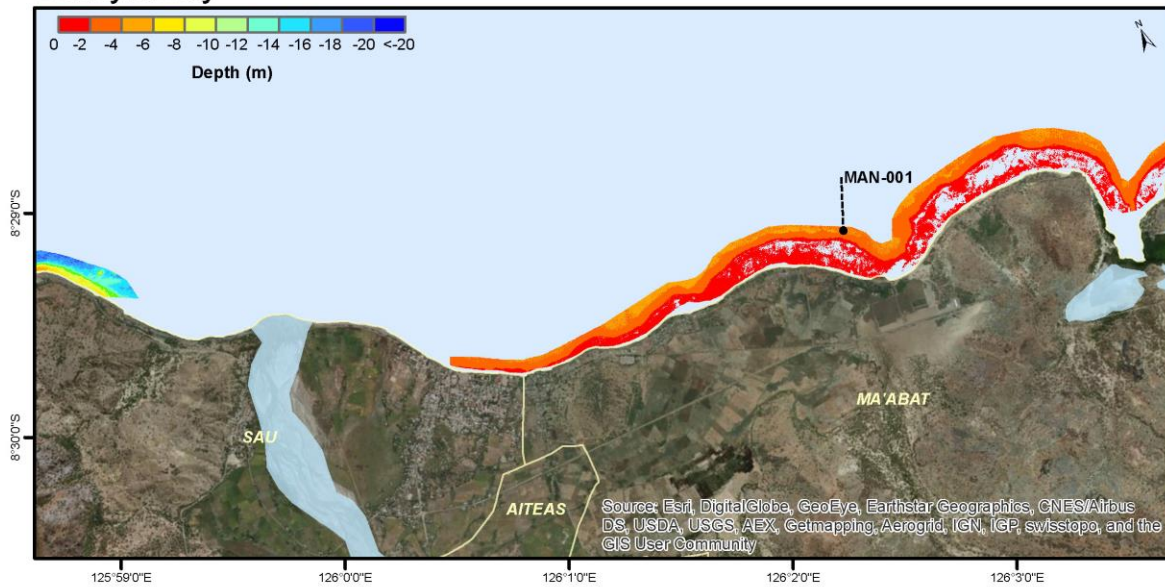
- Coral Reef Ecosystem Assessments
- ▲ Climate Monitoring

0 0.5 1 2 km

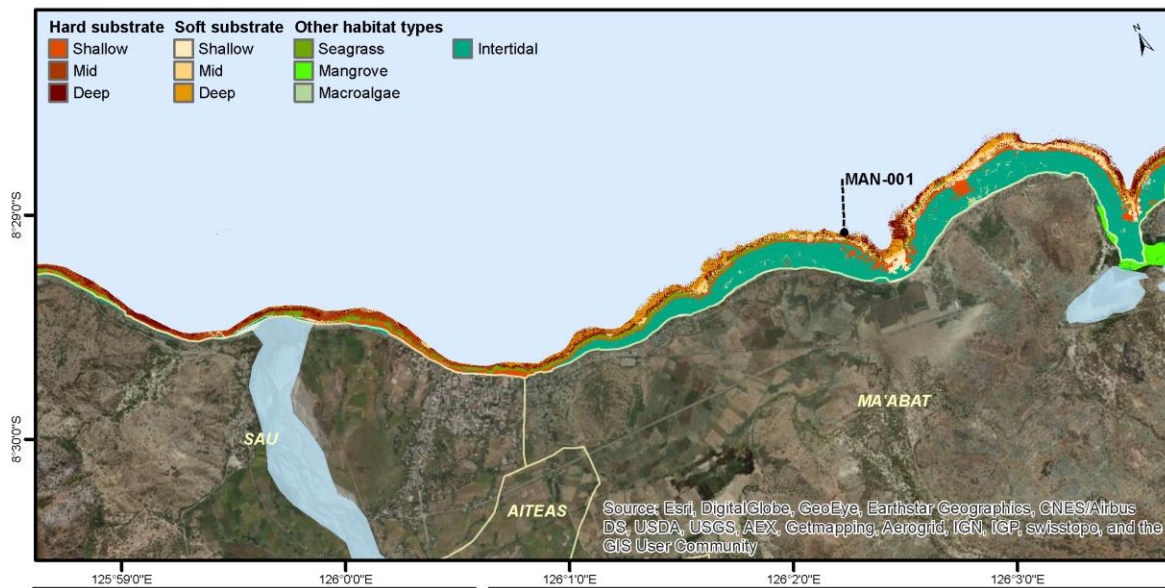
VILLAGES (SUCOS)



## Bathymetry



## Benthic Habitat



## Survey Sites

- Coral Reef Ecosystem Assessments

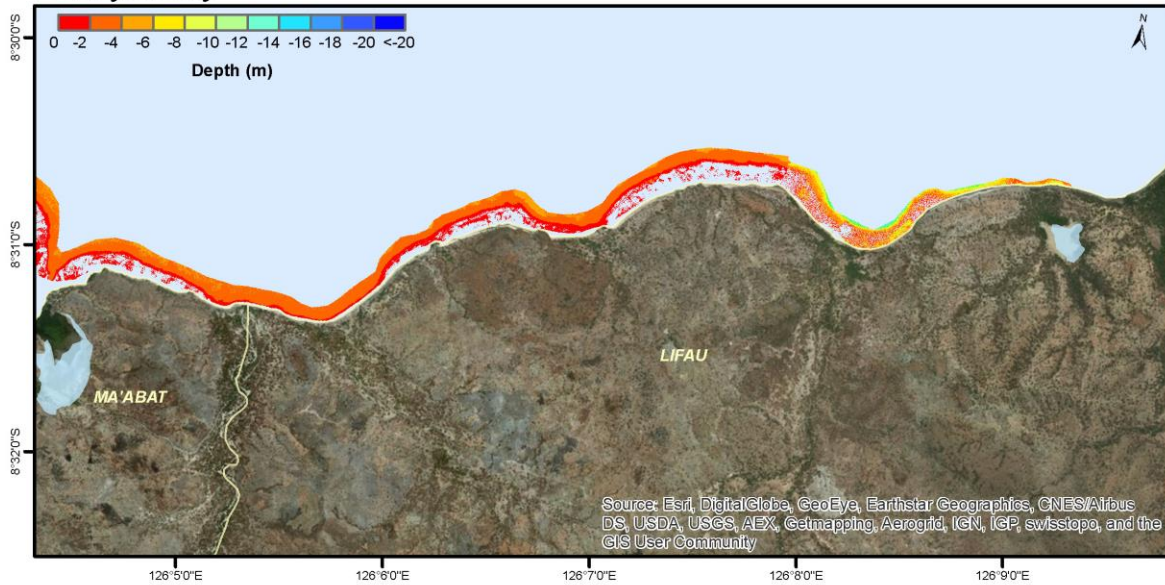
0 0.5 1 2 km

VILLAGES (SUCOS)

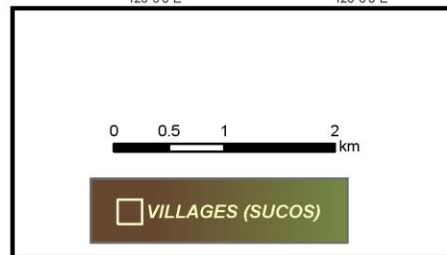
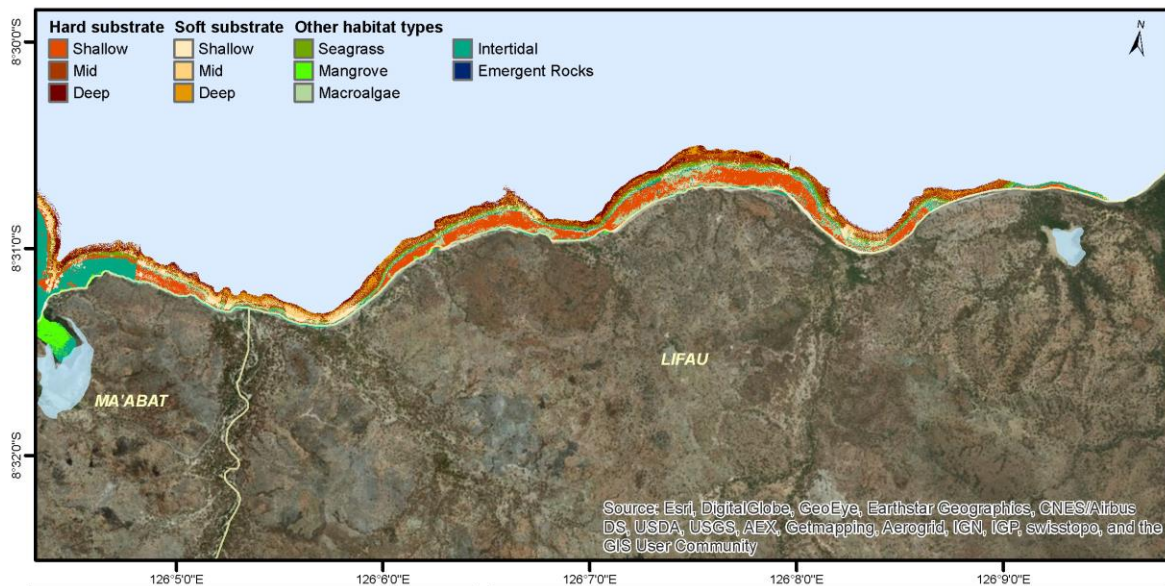


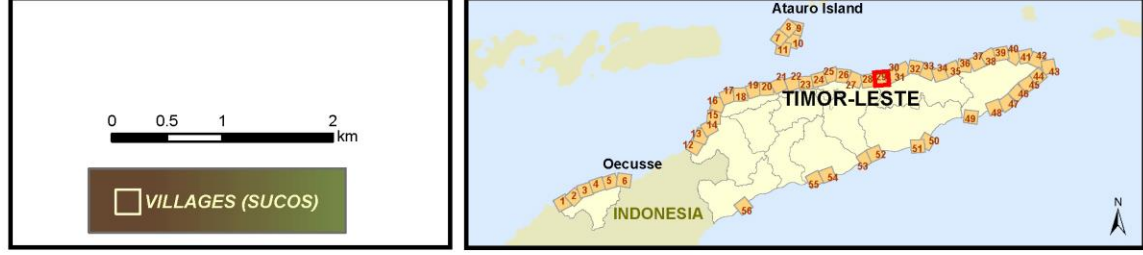
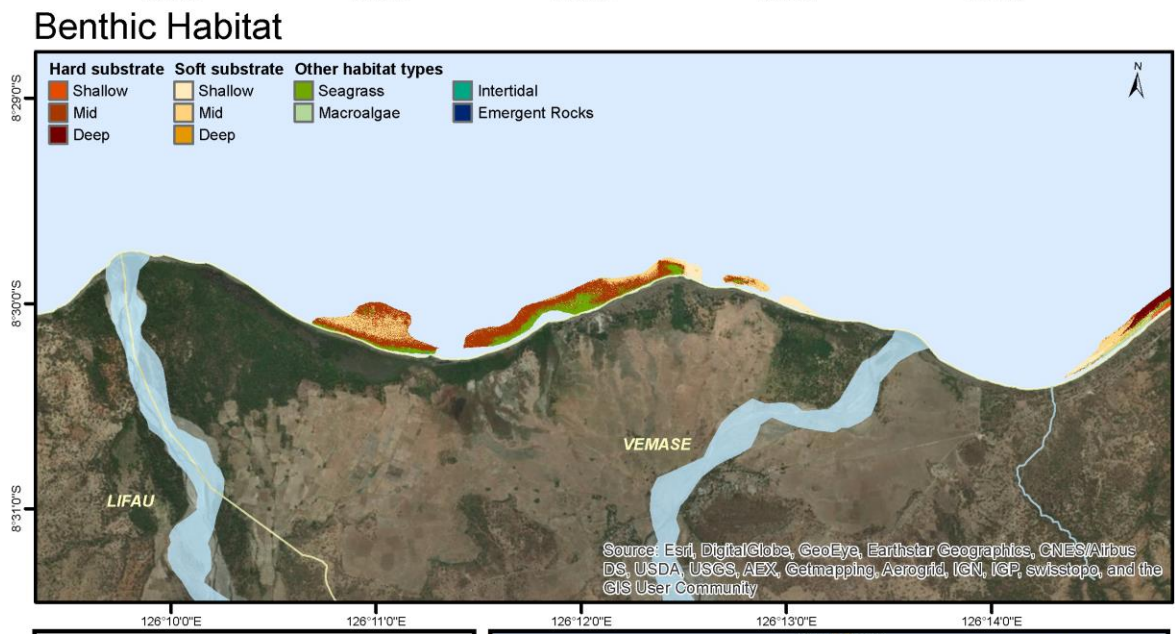
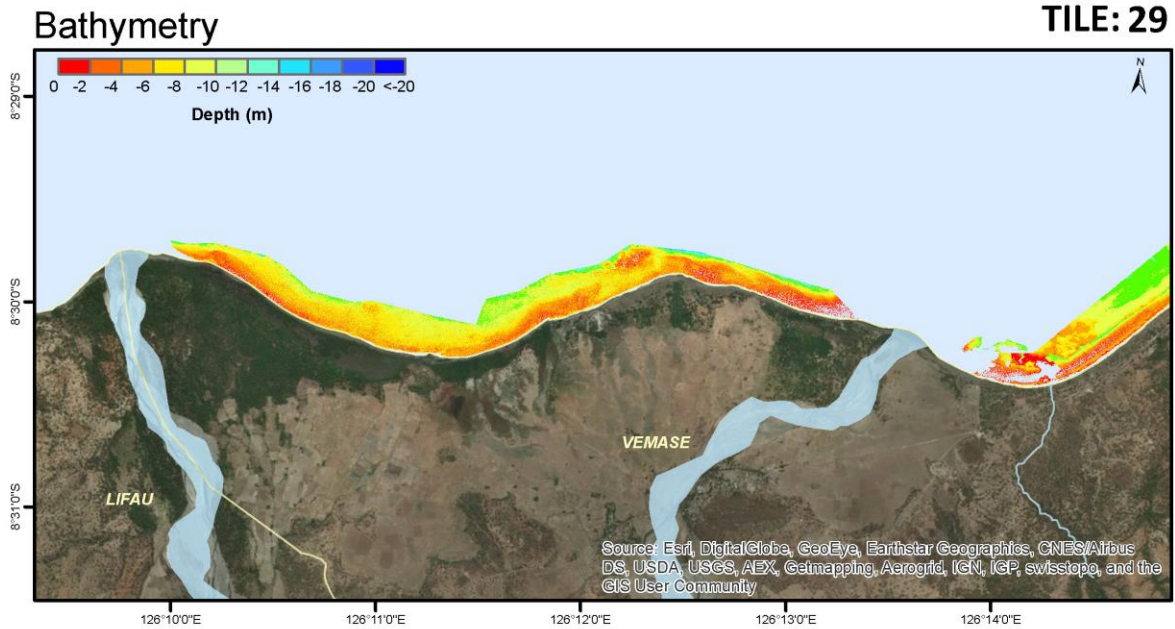


## Bathymetry



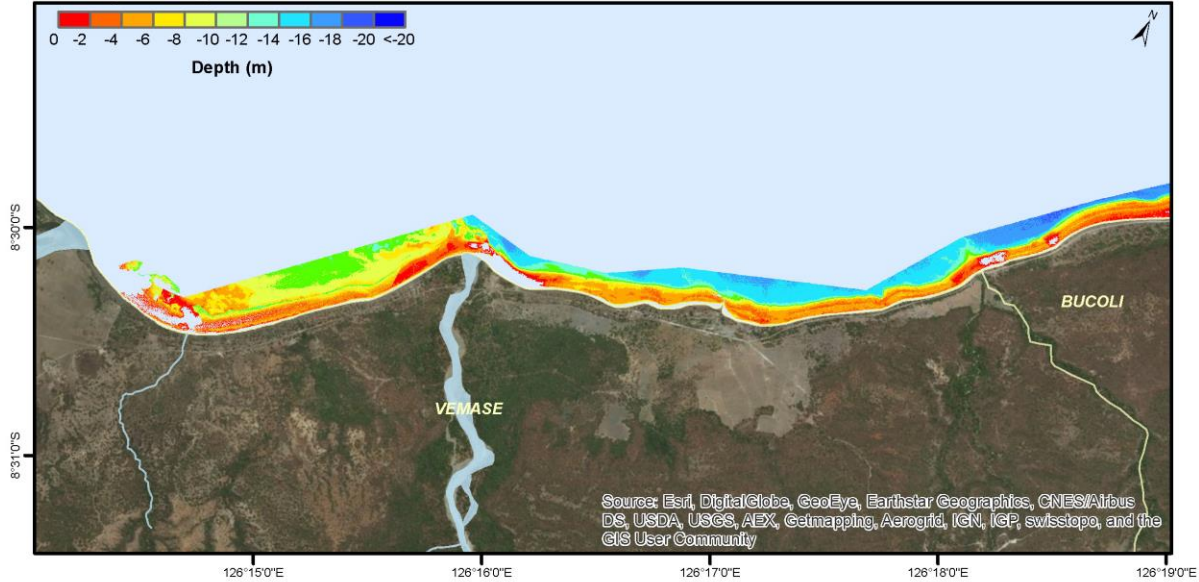
## Benthic Habitat



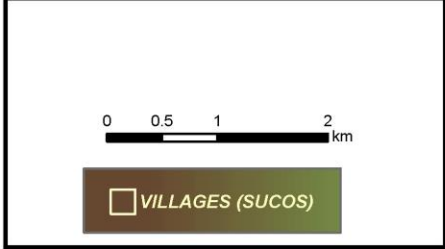
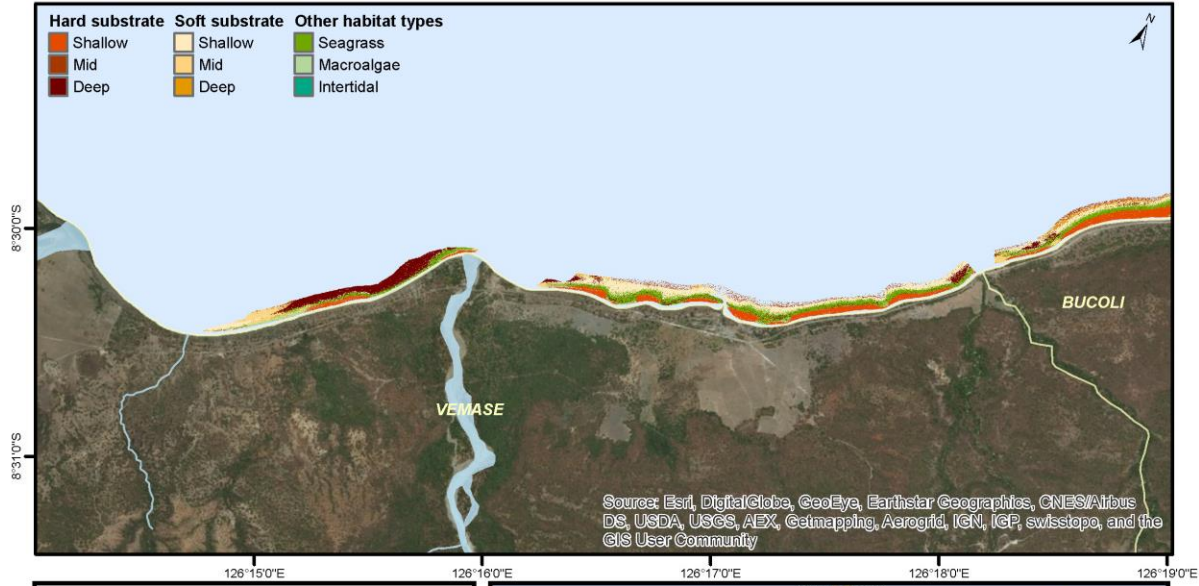


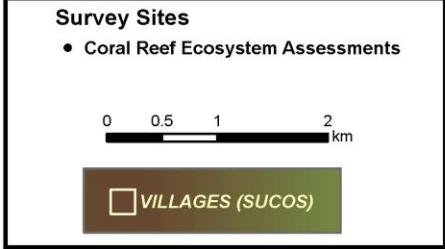
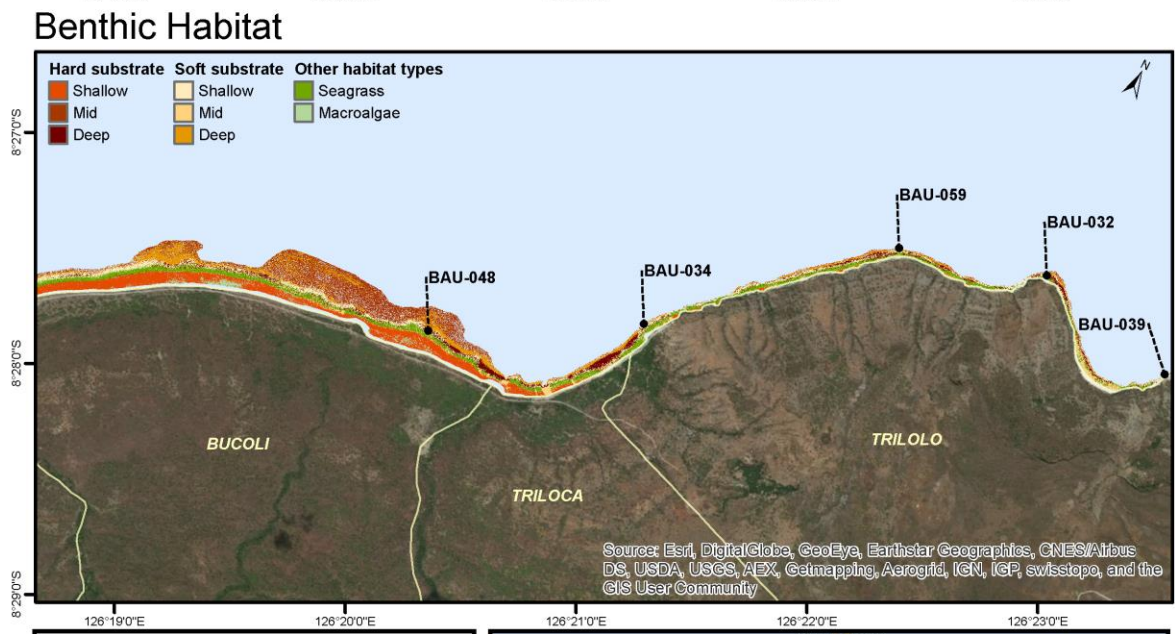
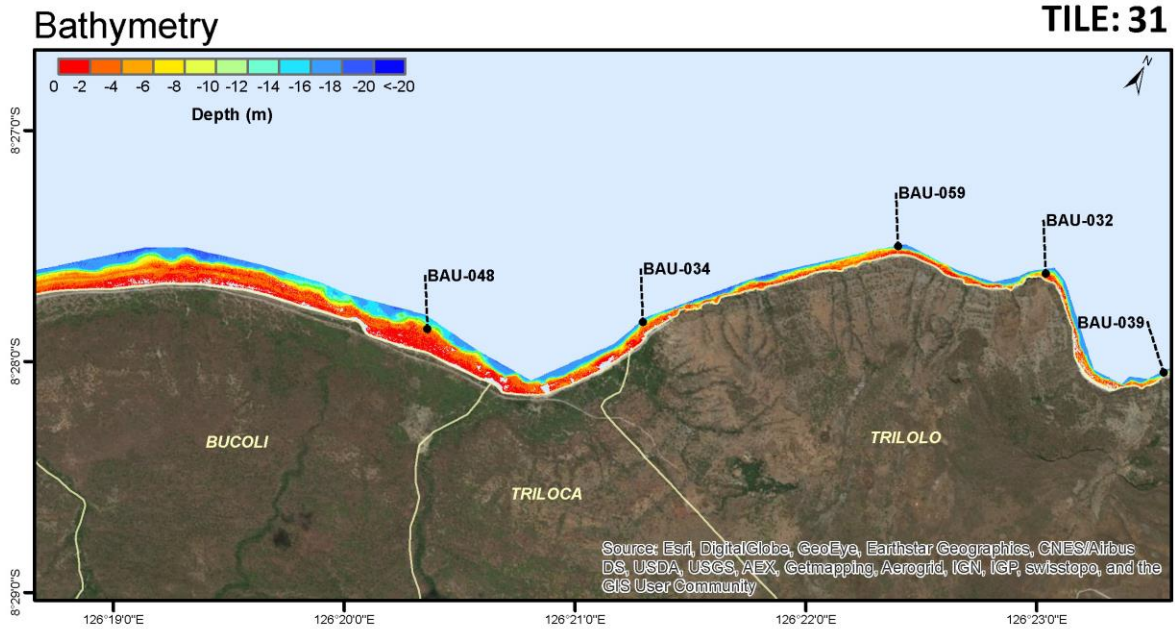


Bathymetry



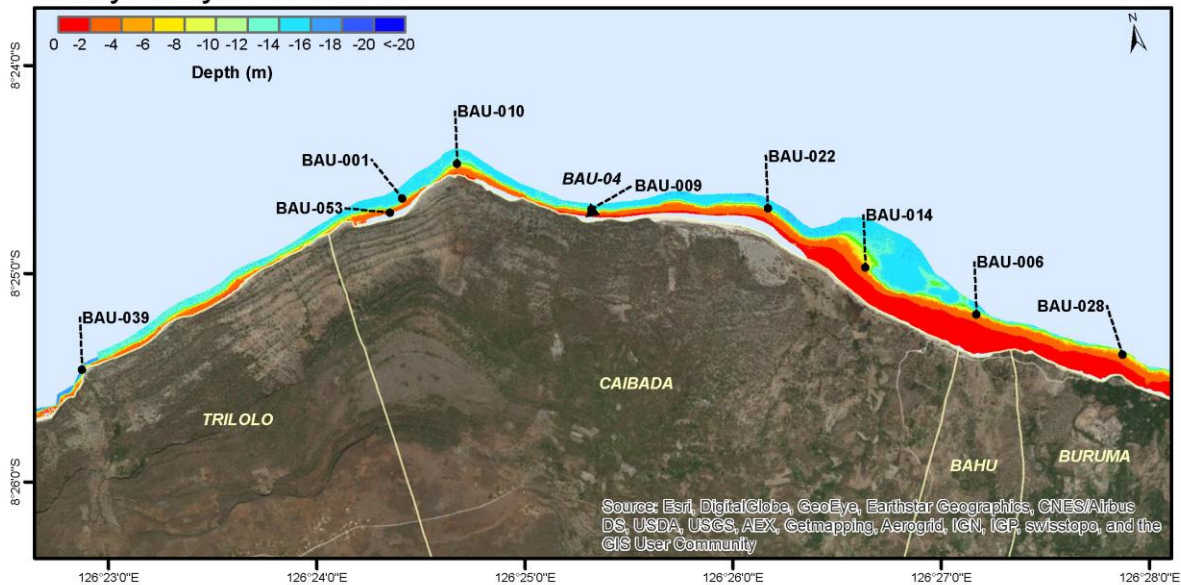
Benthic Habitat



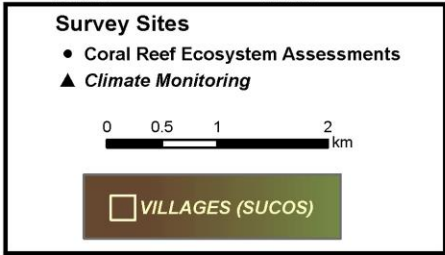
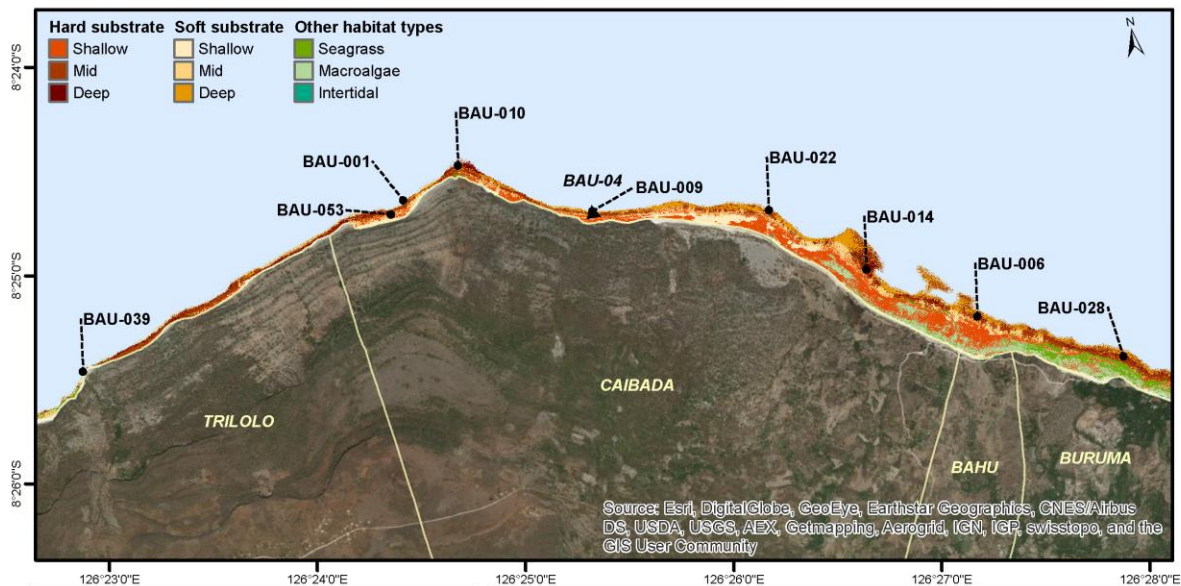




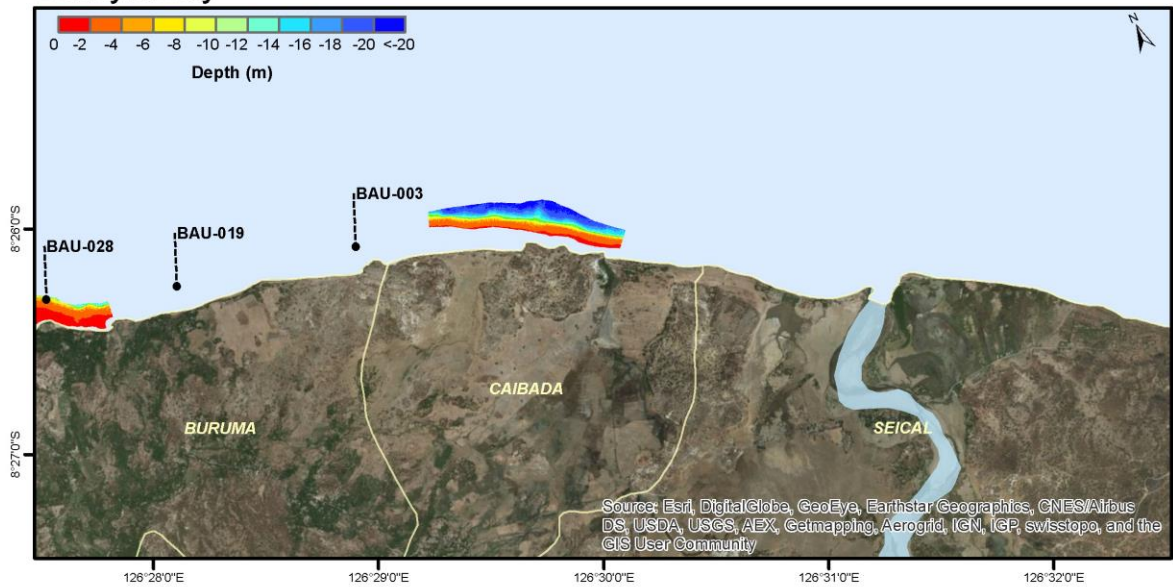
Bathymetry



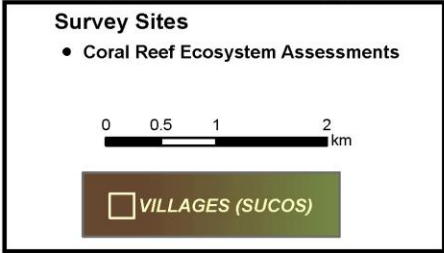
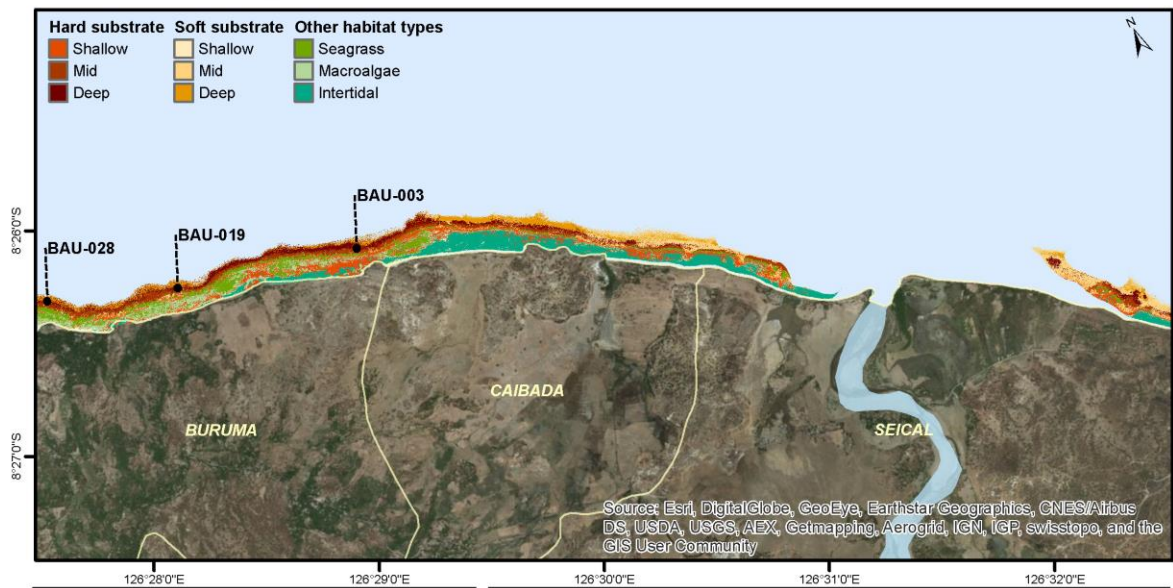
Benthic Habitat



Bathymetry

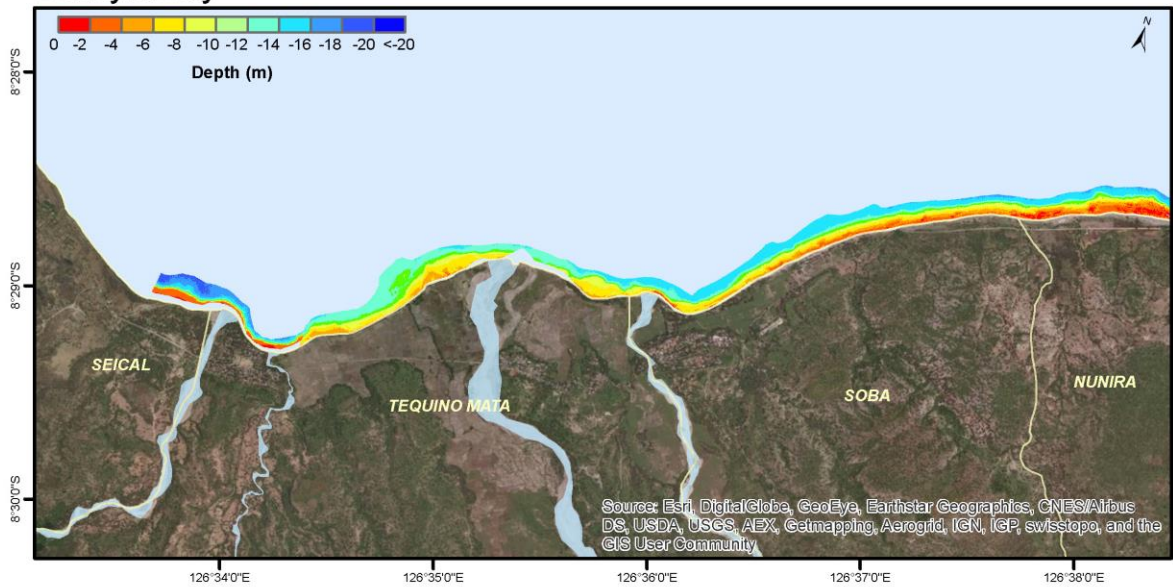


Benthic Habitat

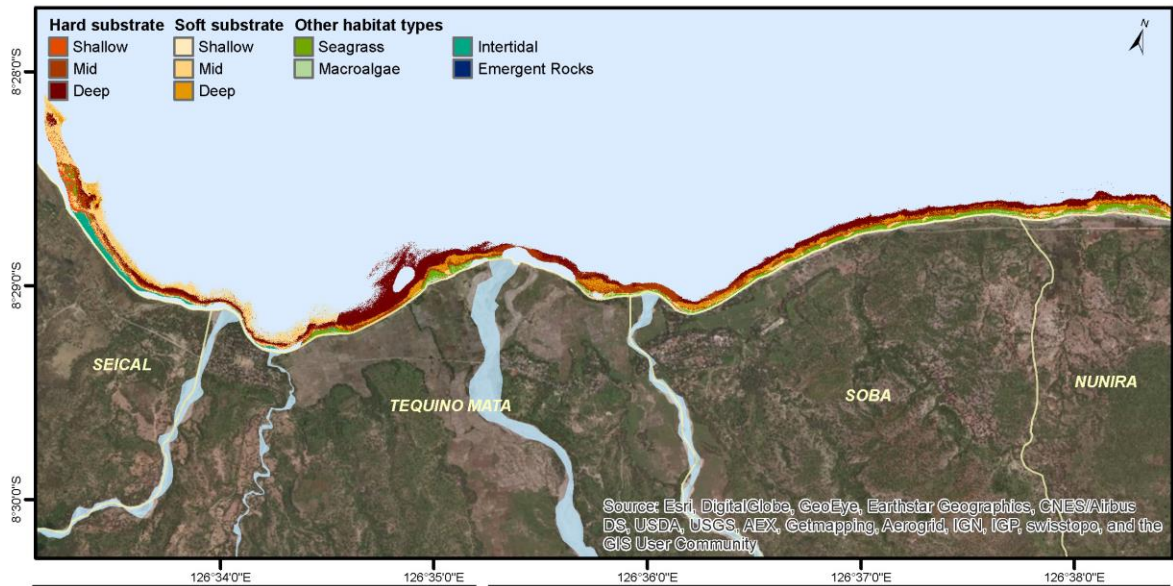


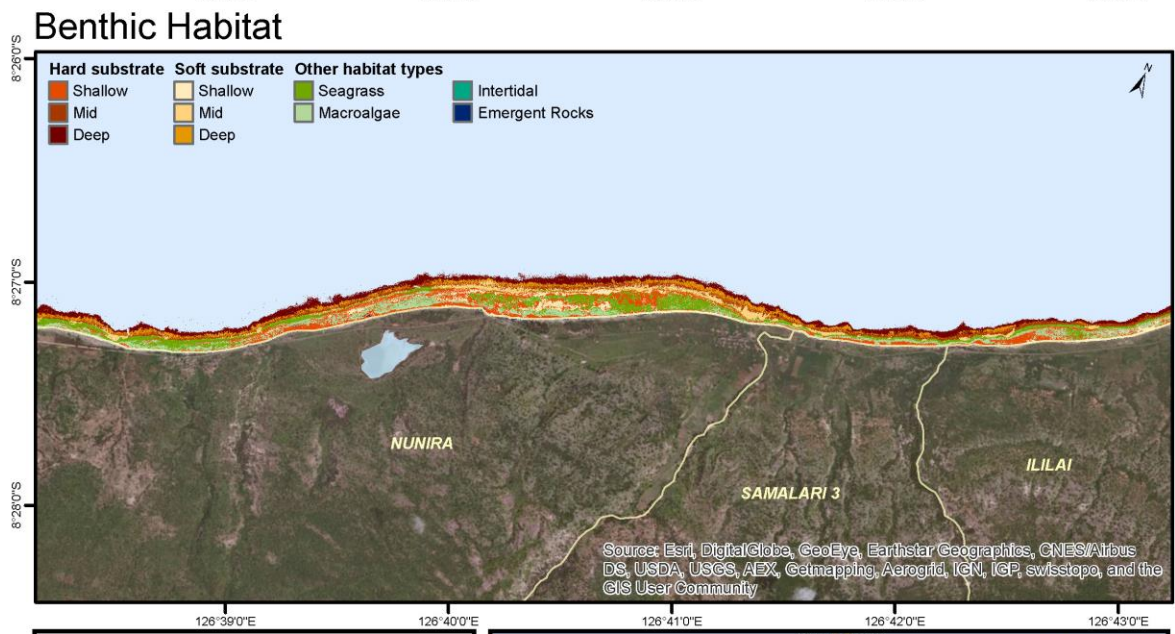
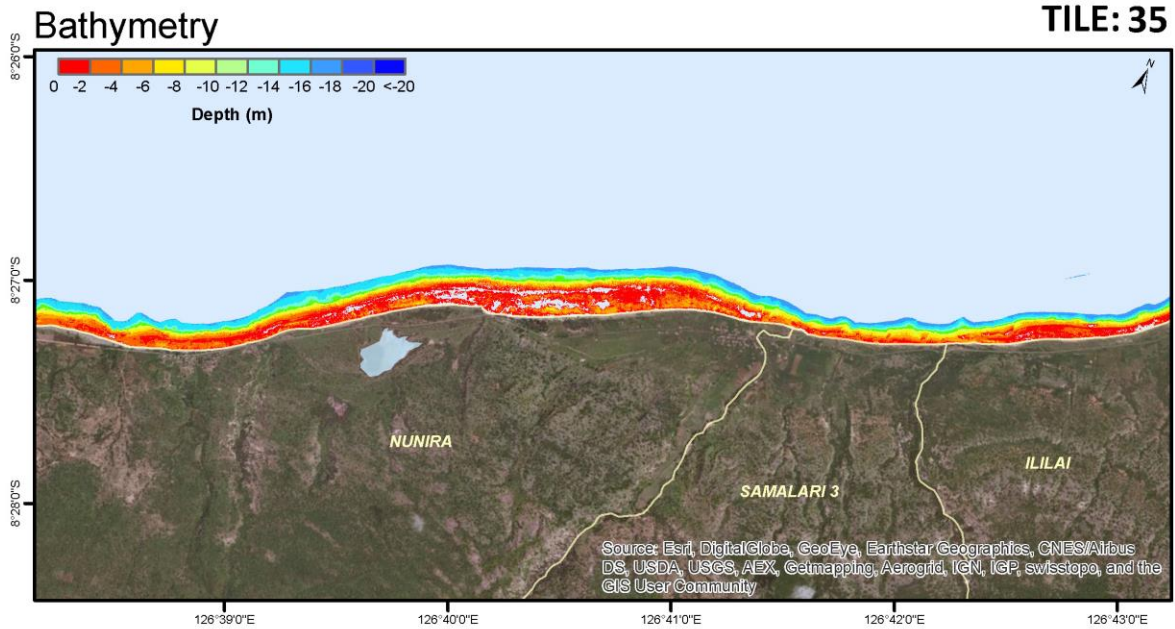


Bathymetry



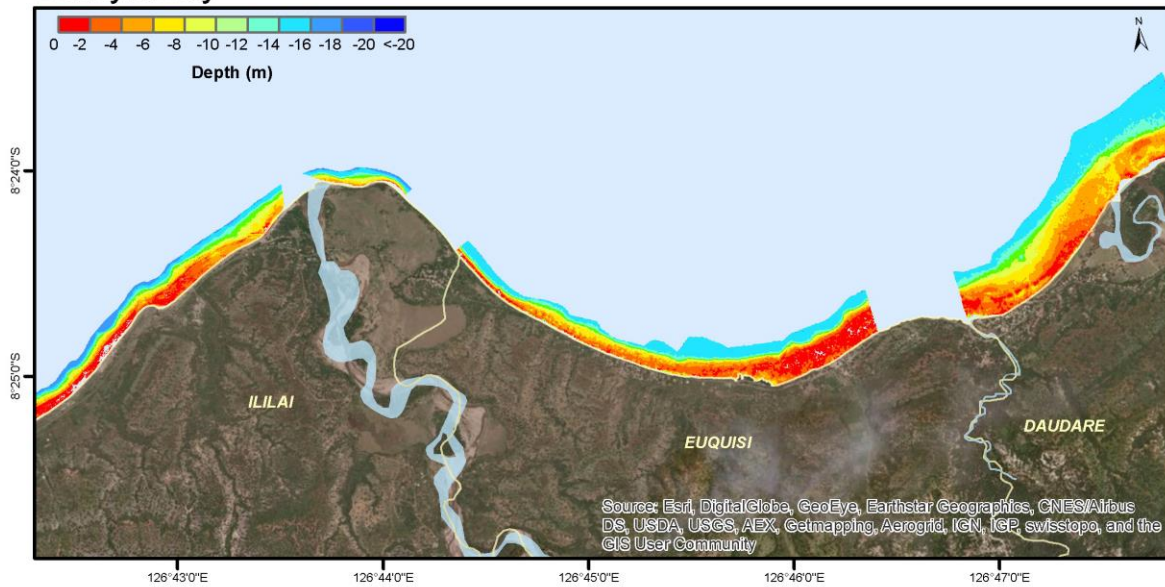
Benthic Habitat



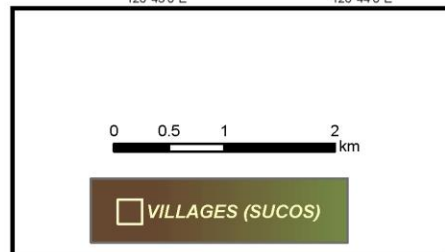
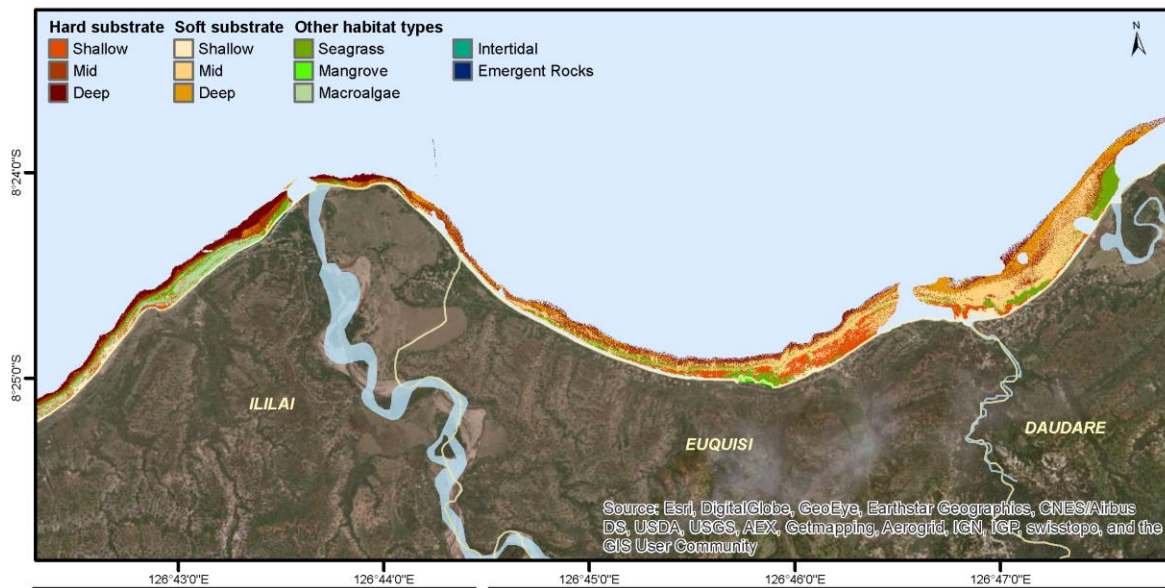




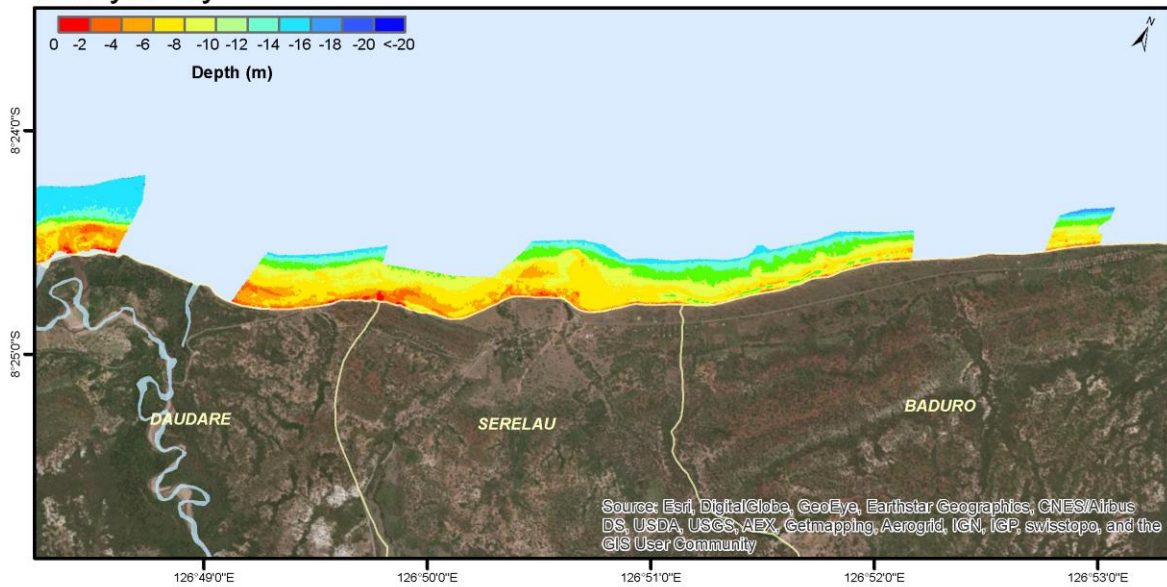
## Bathymetry



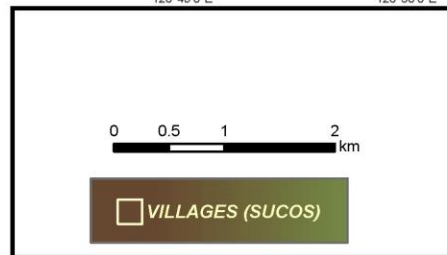
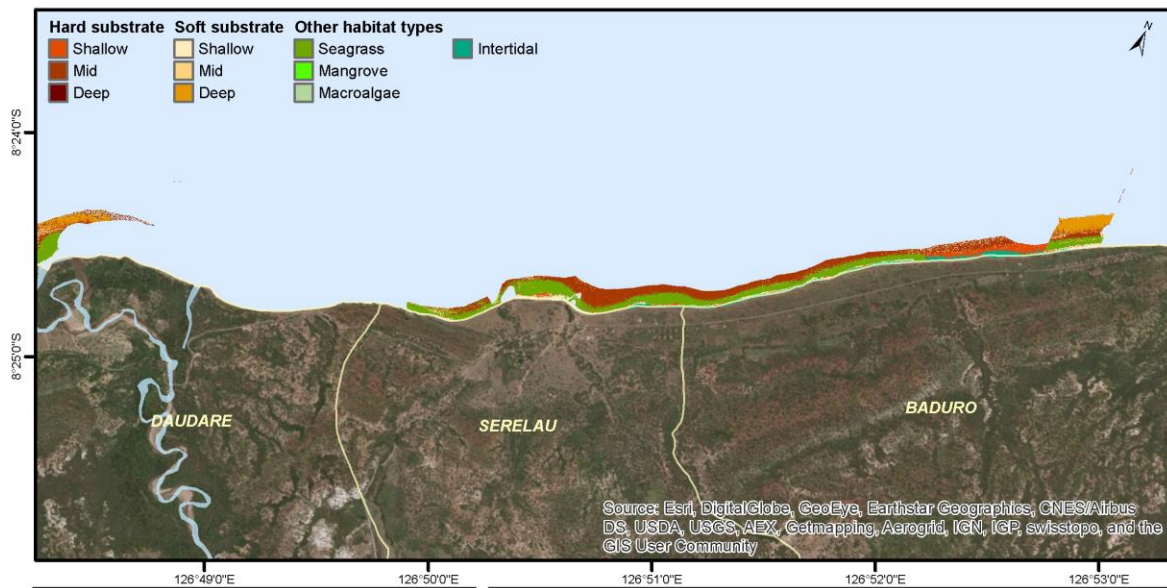
## Benthic Habitat



## Bathymetry

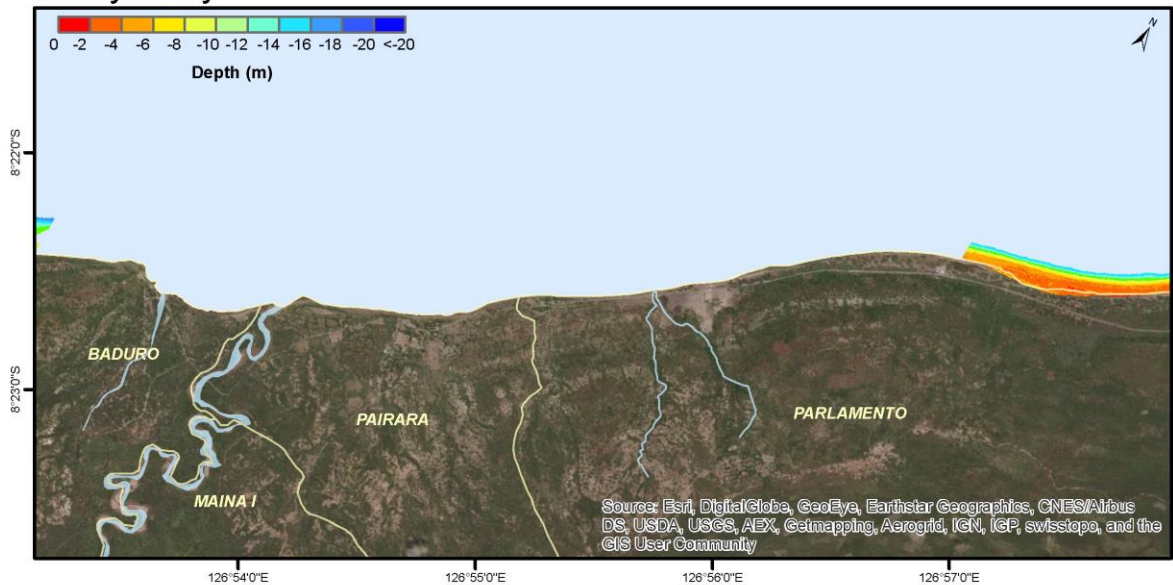


## Benthic Habitat

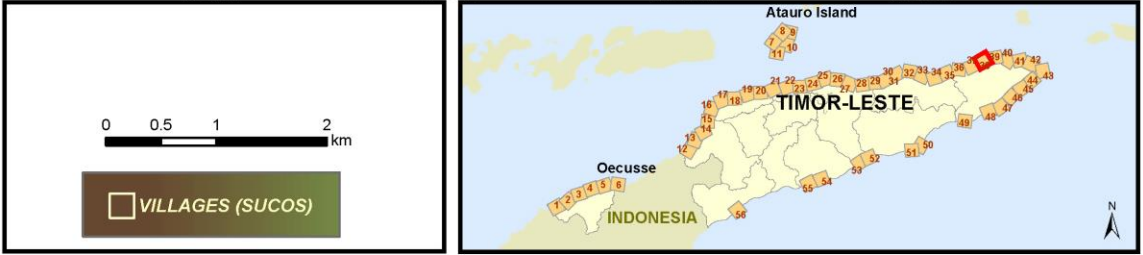
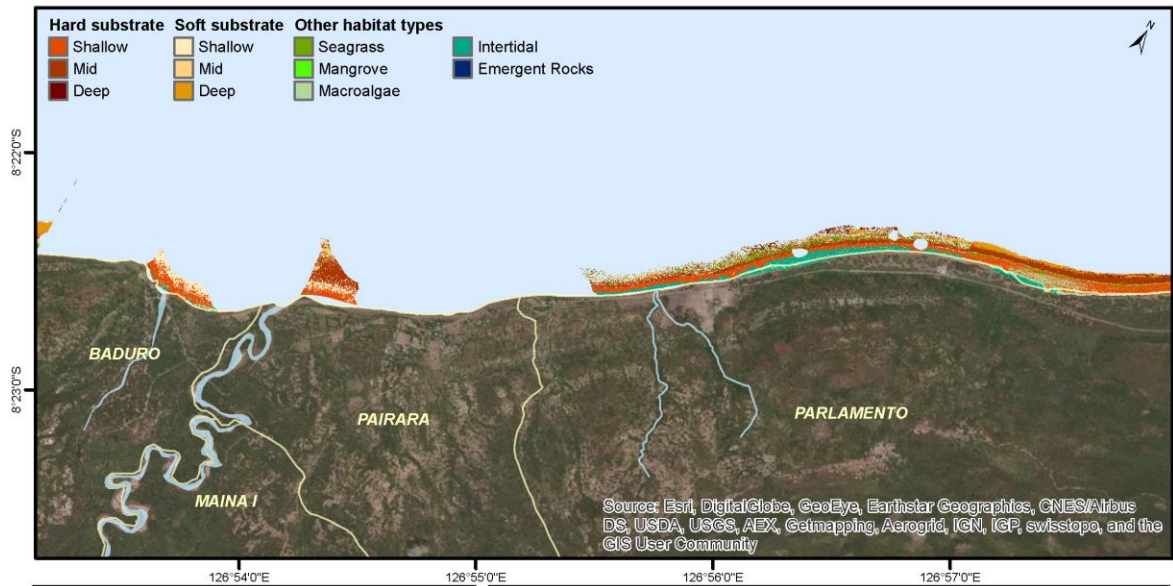




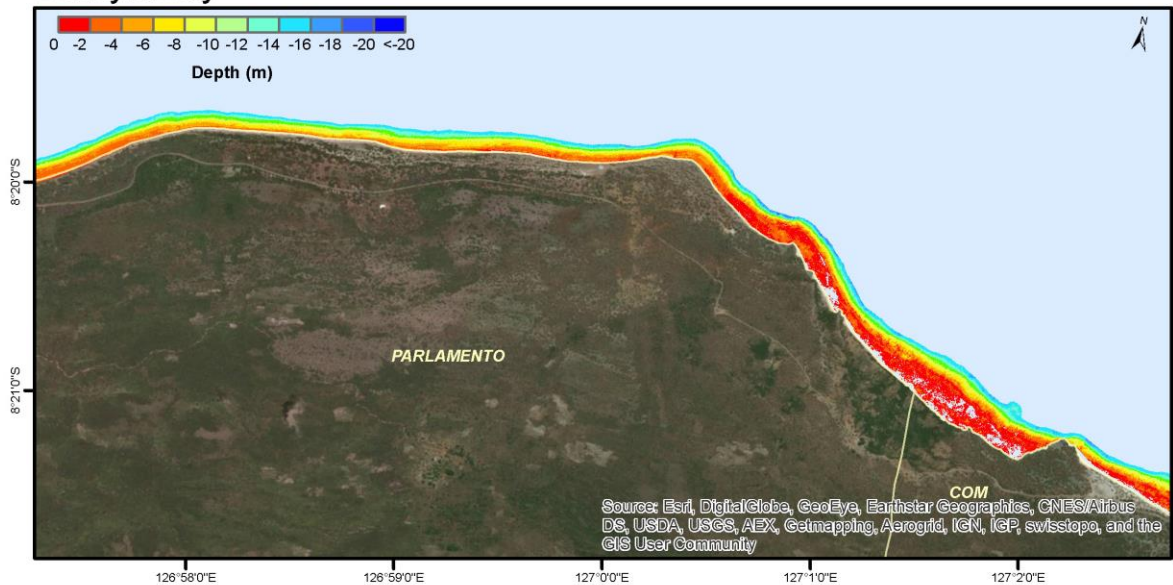
Bathymetry



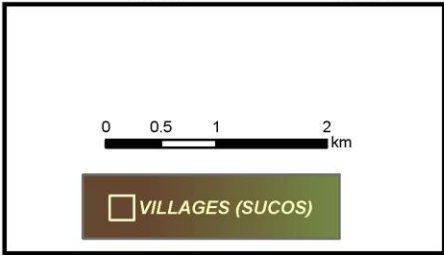
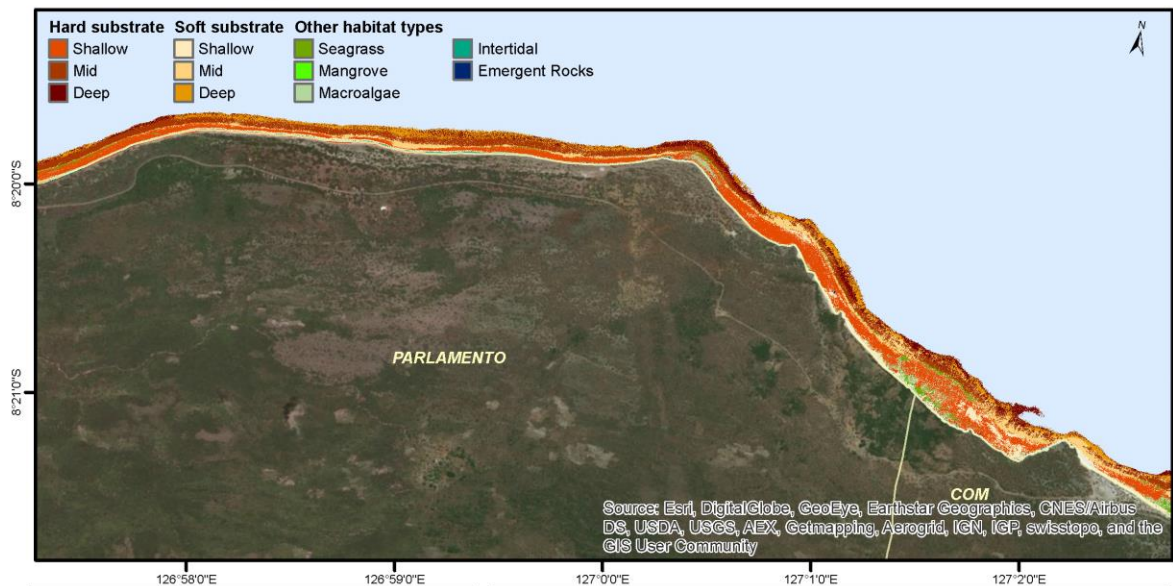
Benthic Habitat



Bathymetry



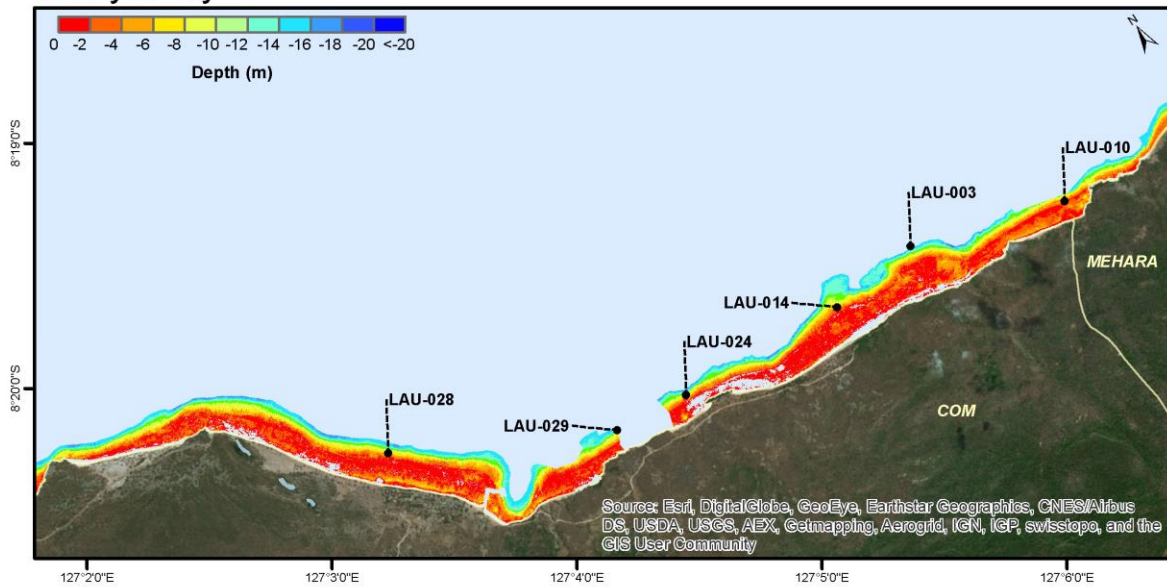
Benthic Habitat



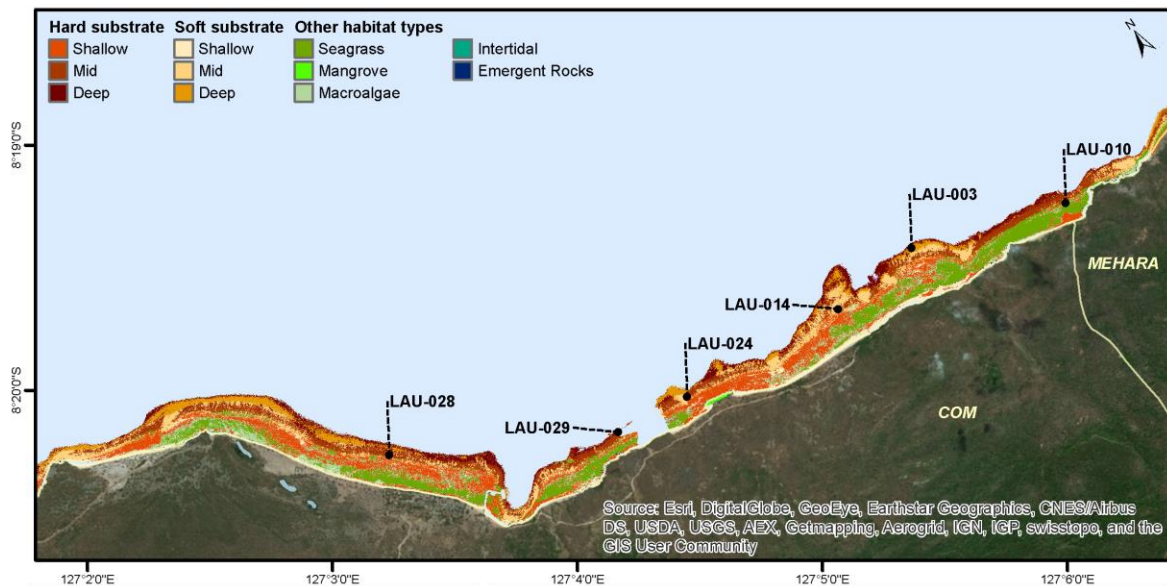


**DISTRICT: Lautem**  
**TILE: 40**

**Bathymetry**



**Benthic Habitat**



**Survey Sites**

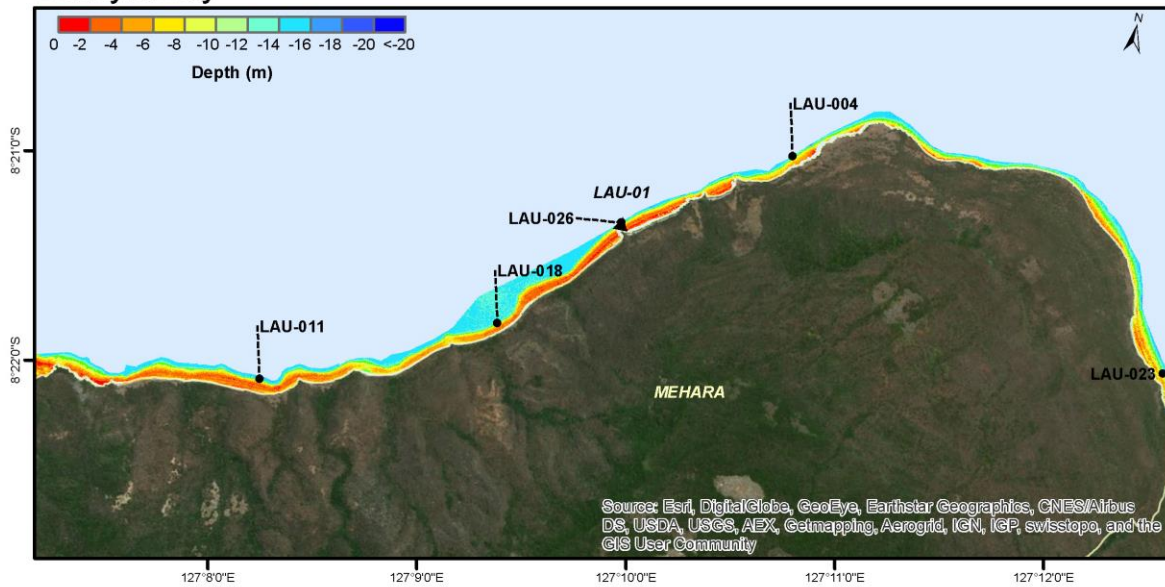
- Coral Reef Ecosystem Assessments

0 0.5 1 2 km

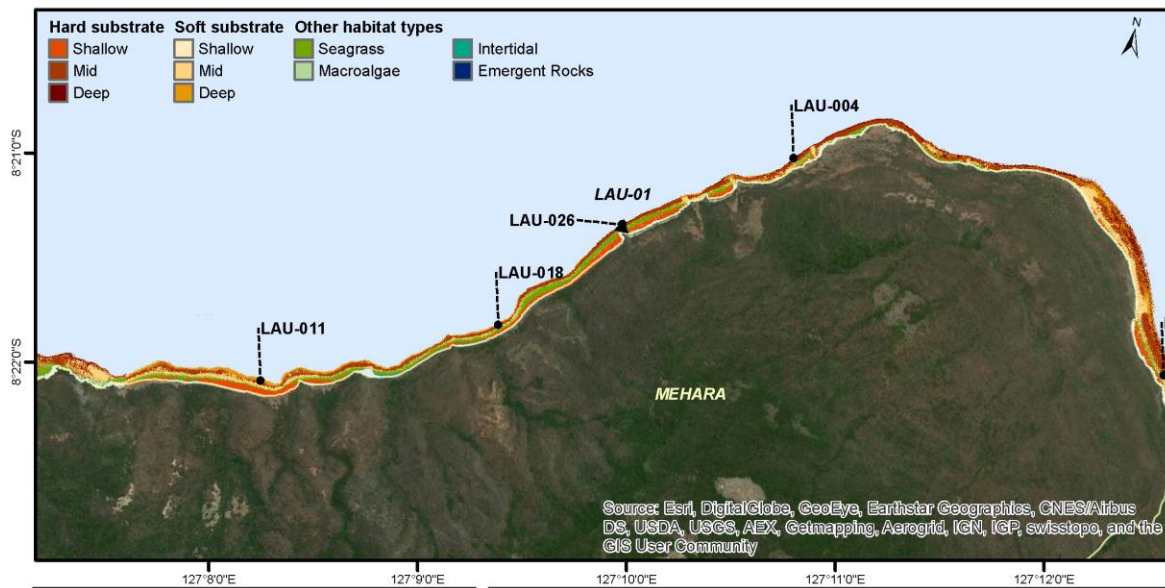
VILLAGES (SUCOS)



## Bathymetry

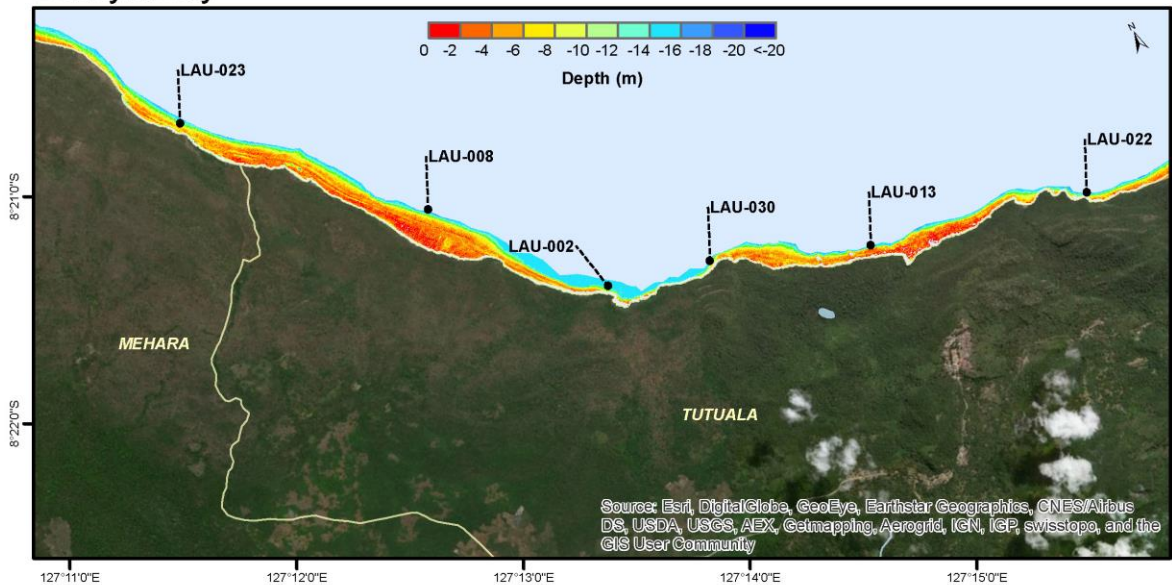


## Benthic Habitat

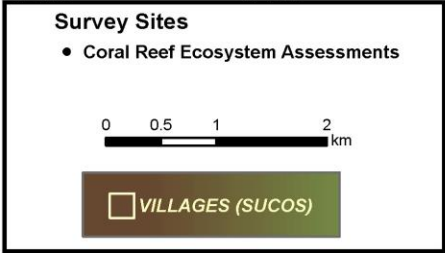
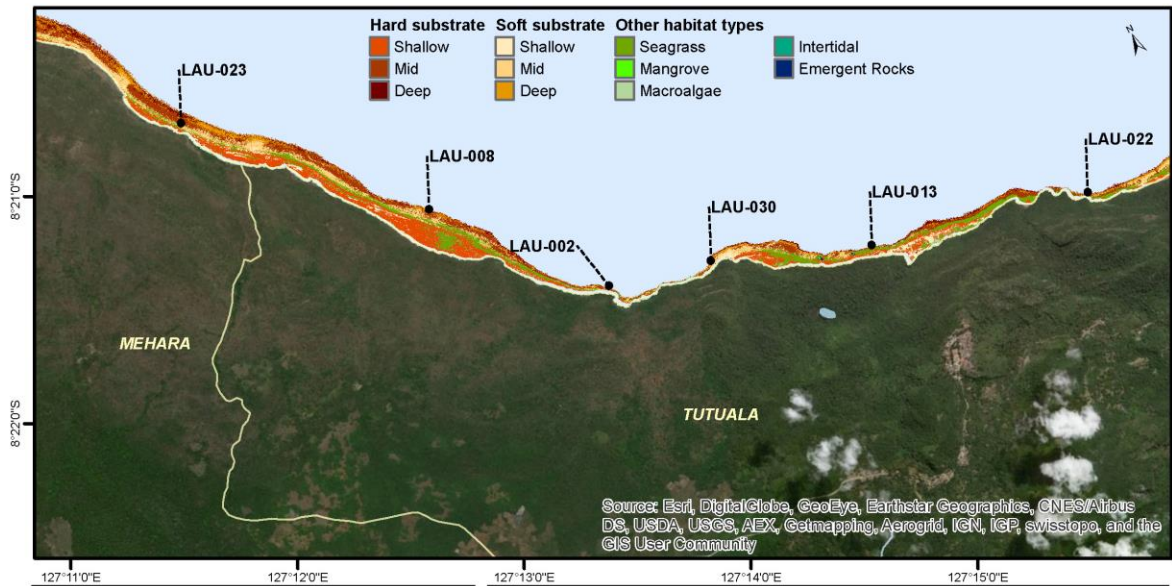




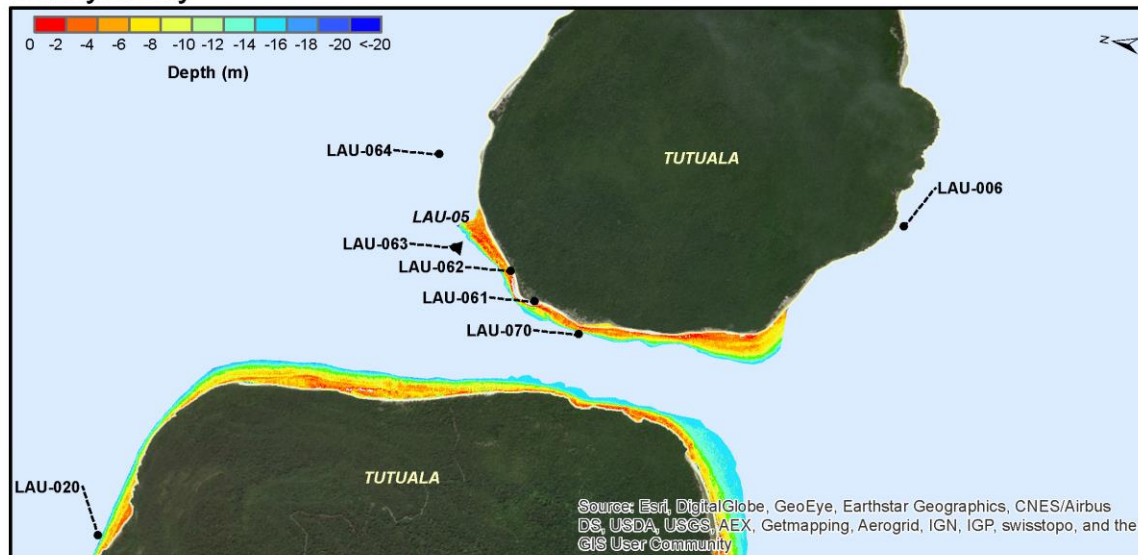
Bathymetry



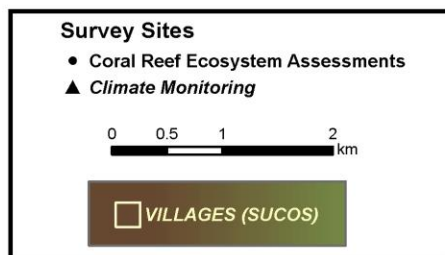
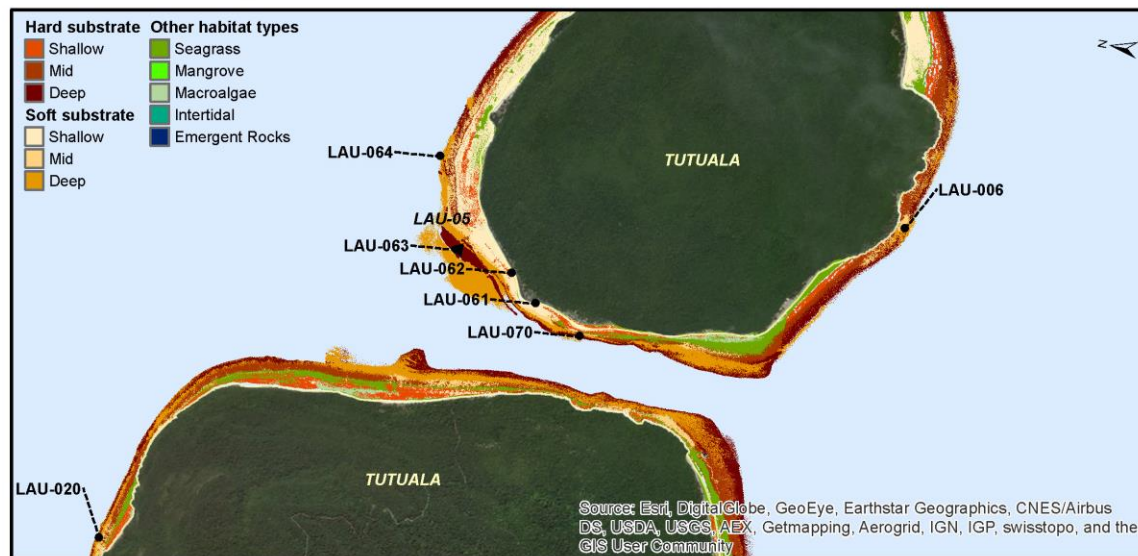
Benthic Habitat



## Bathymetry

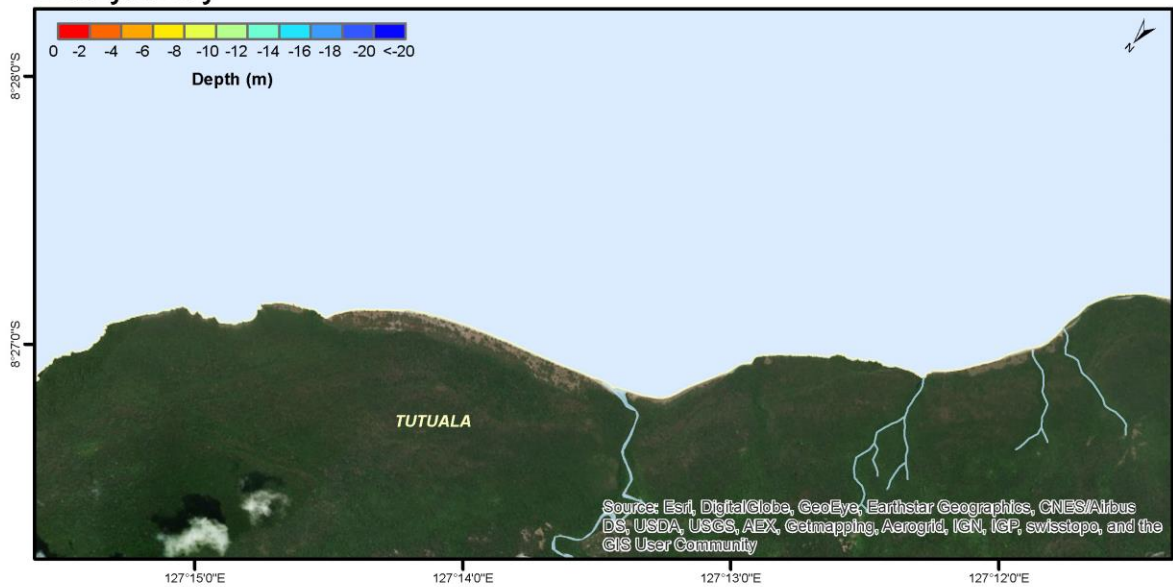


## Benthic Habitat

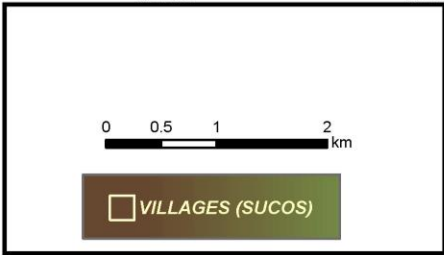
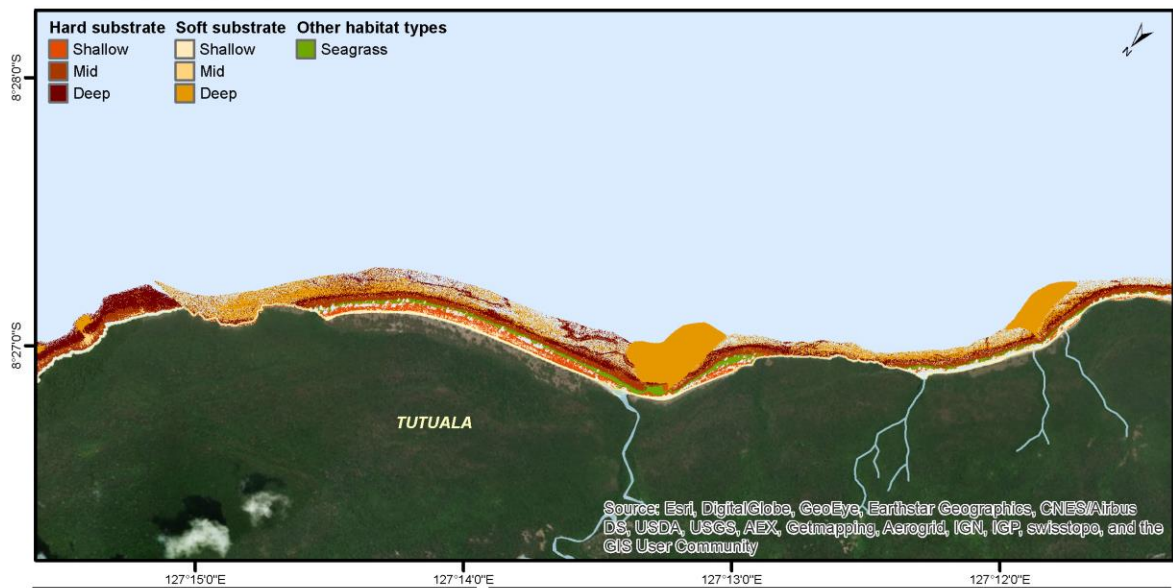


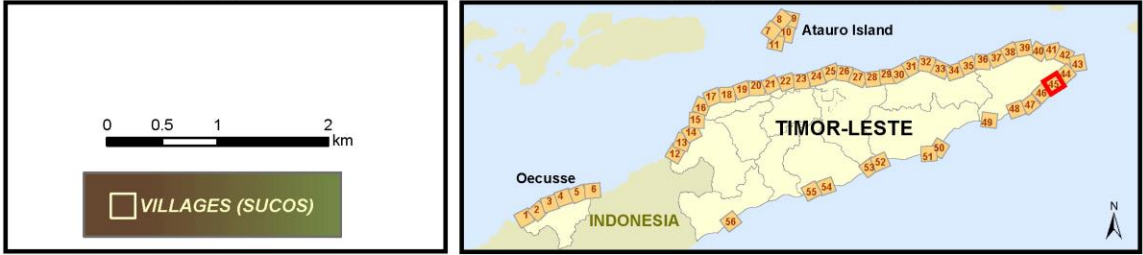
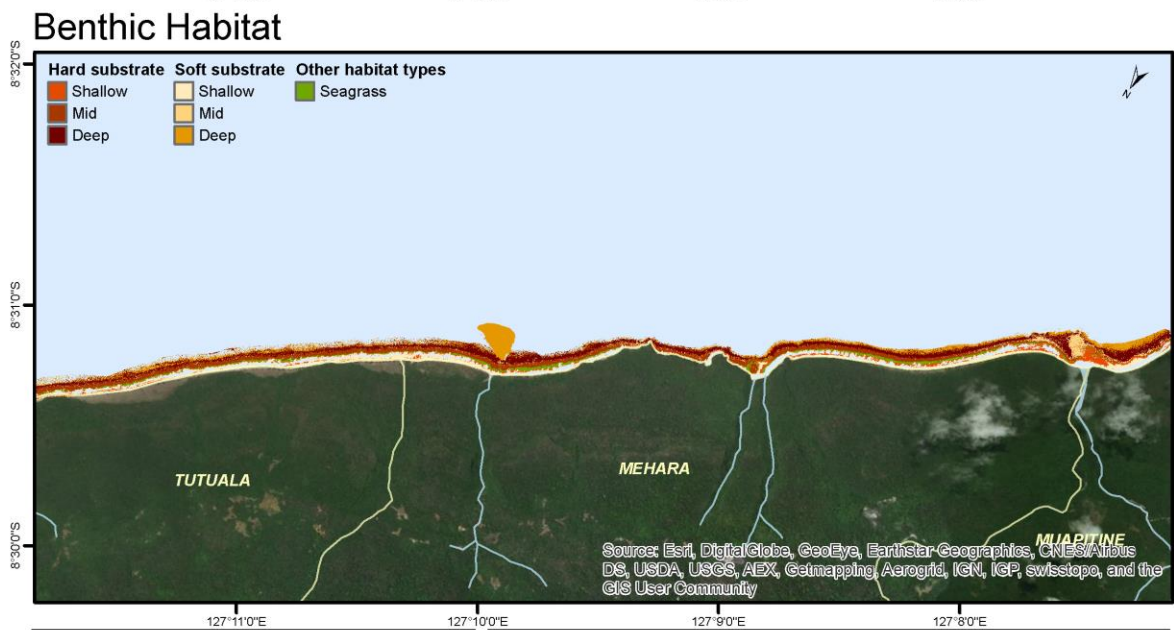
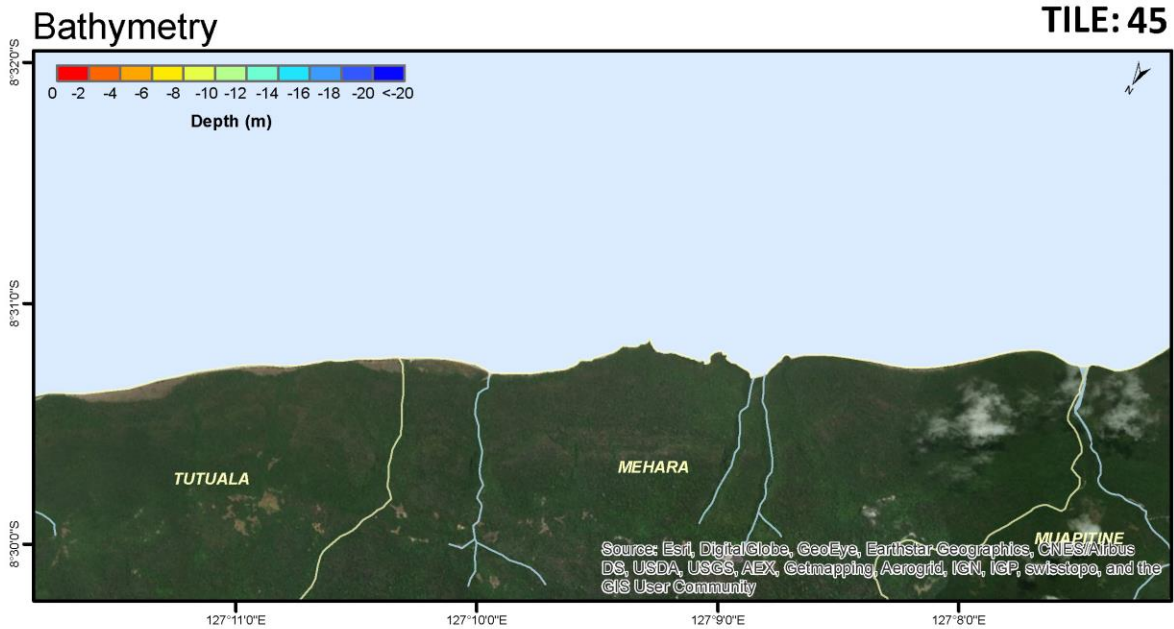


Bathymetry



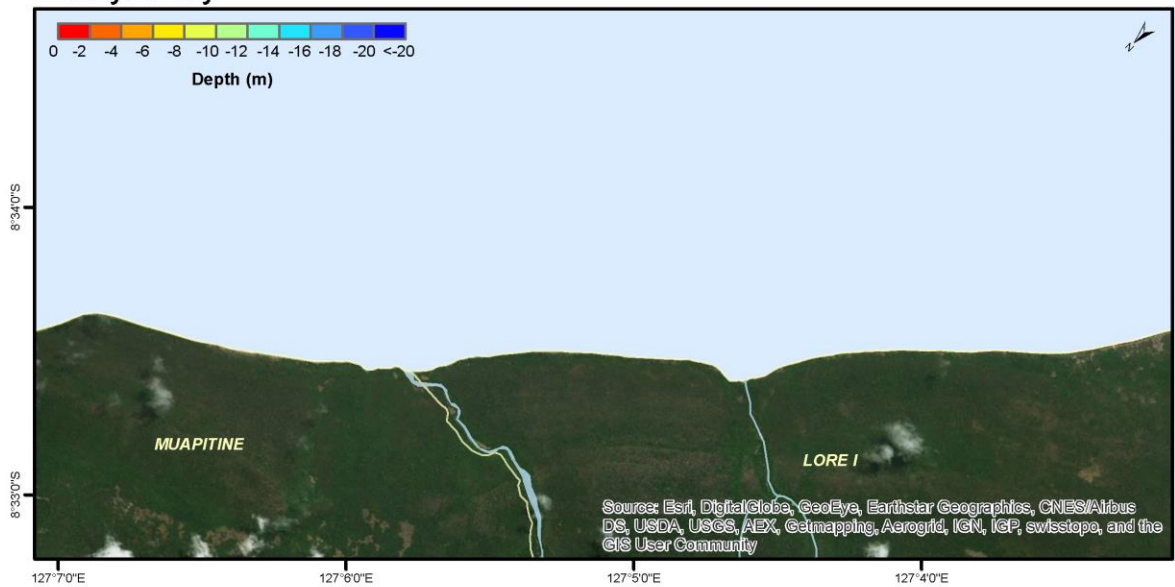
Benthic Habitat



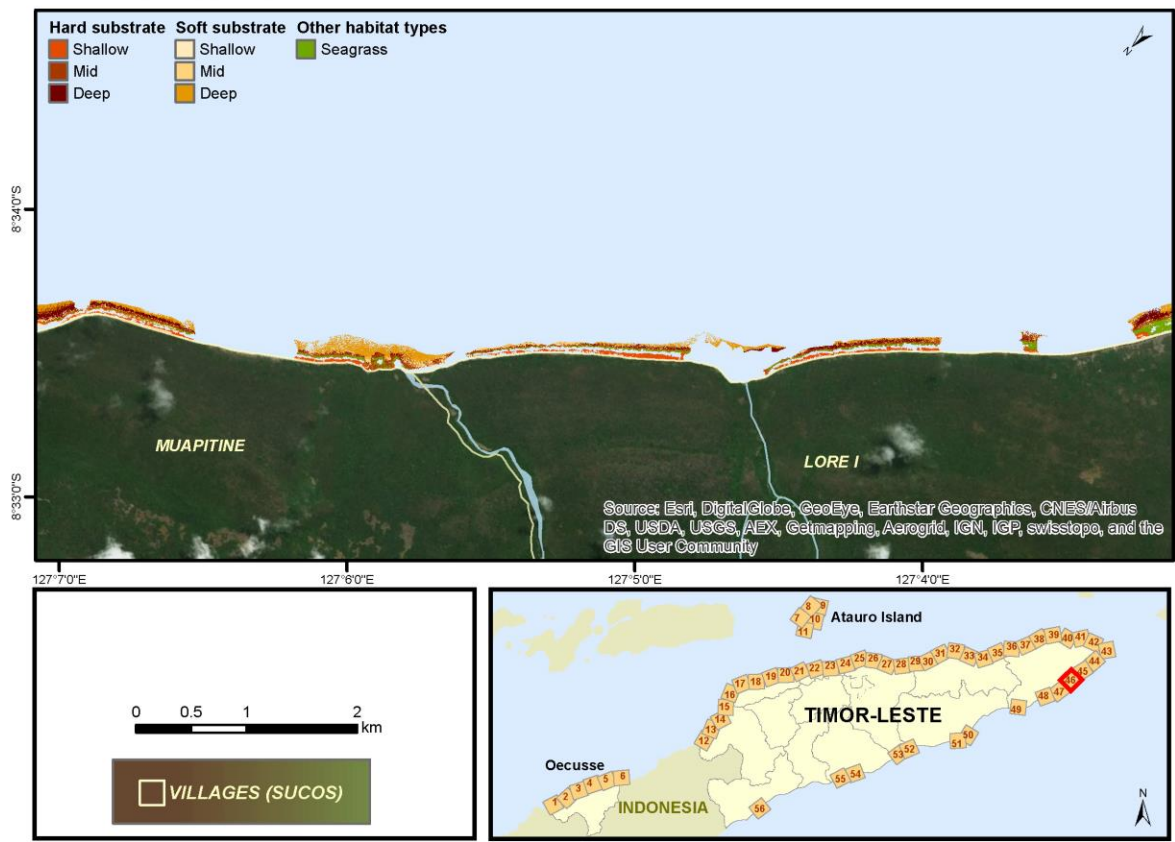


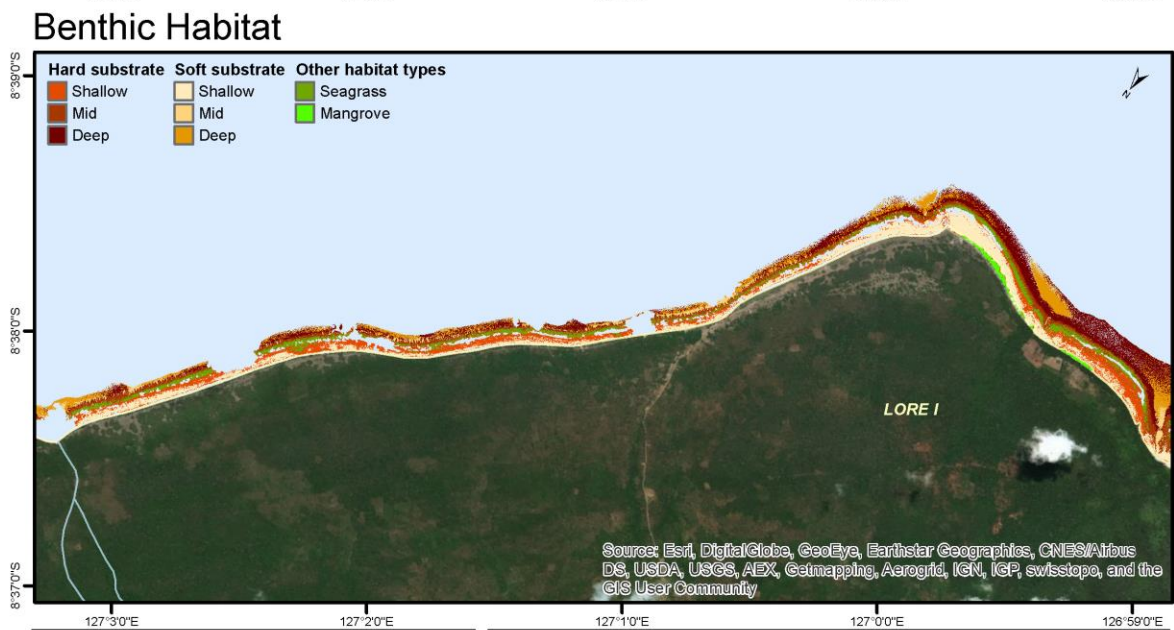
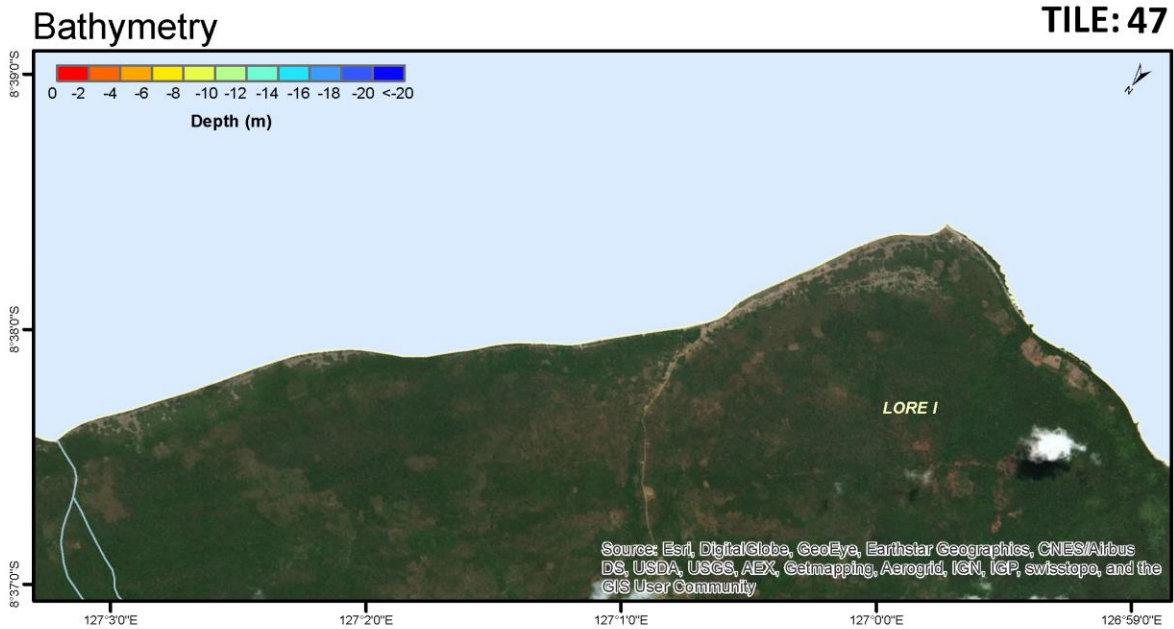


Bathymetry



Benthic Habitat



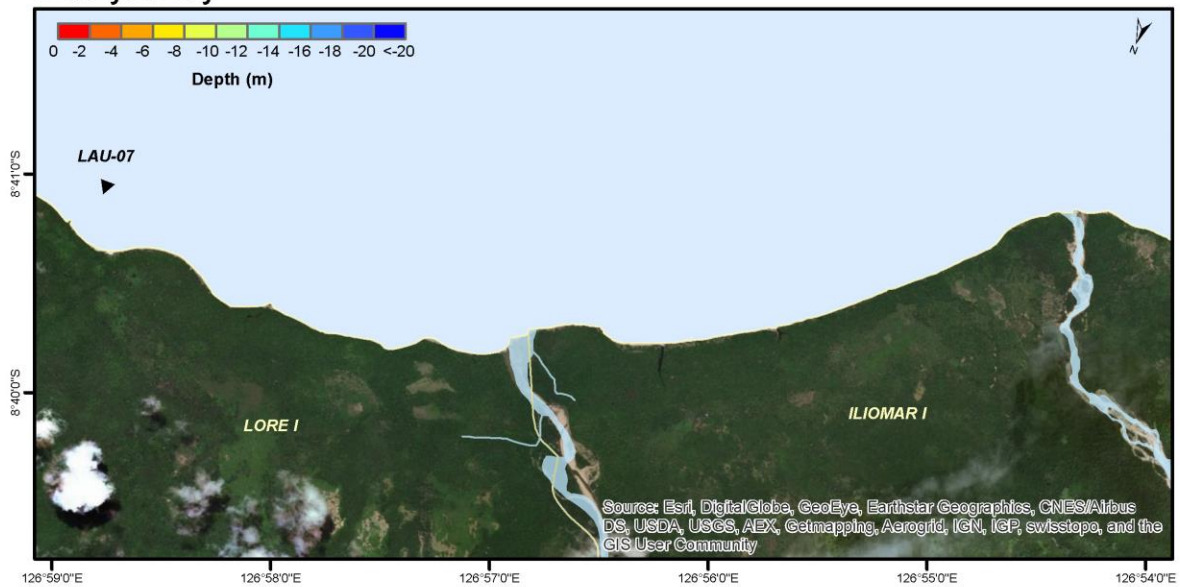




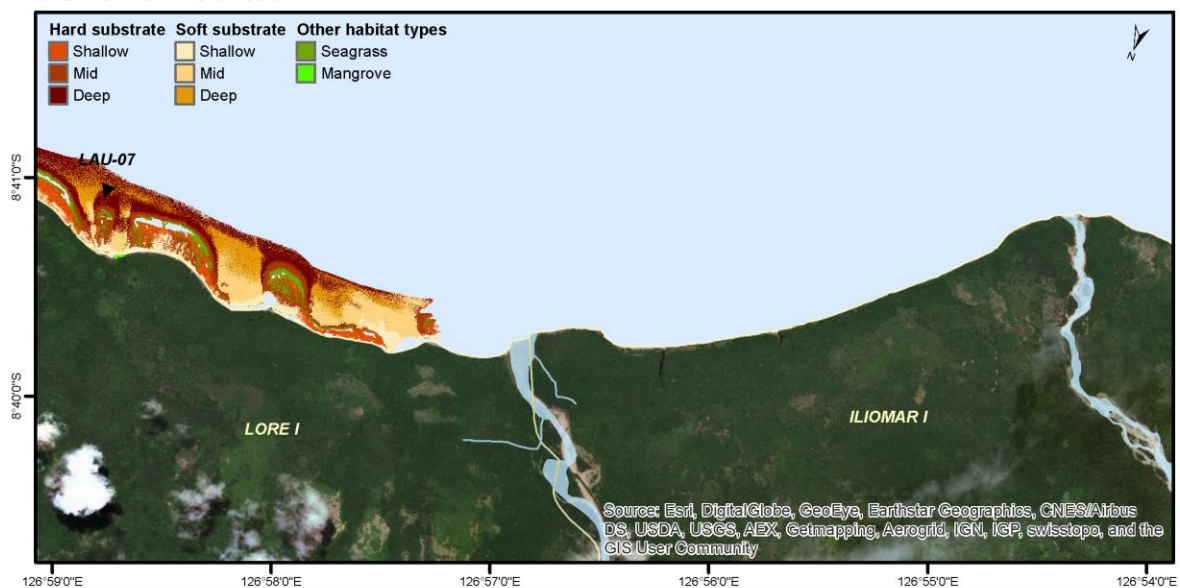
DISTRICT: Lautem

TILE: 48

## Bathymetry



## Benthic Habitat



## Survey Sites

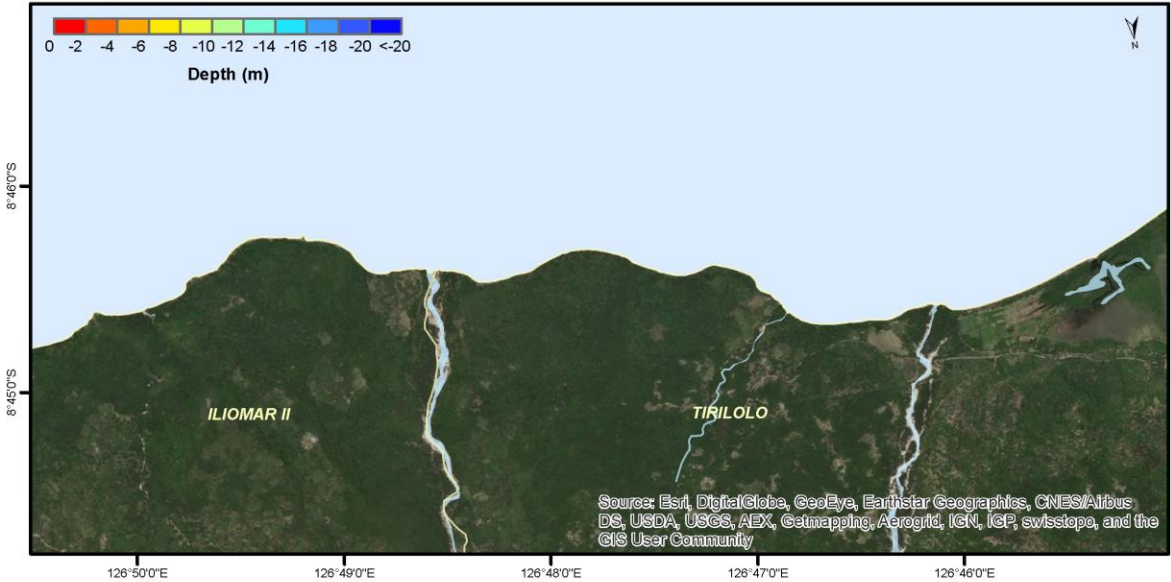
▲ Climate Monitoring

0 0.5 1 2 km

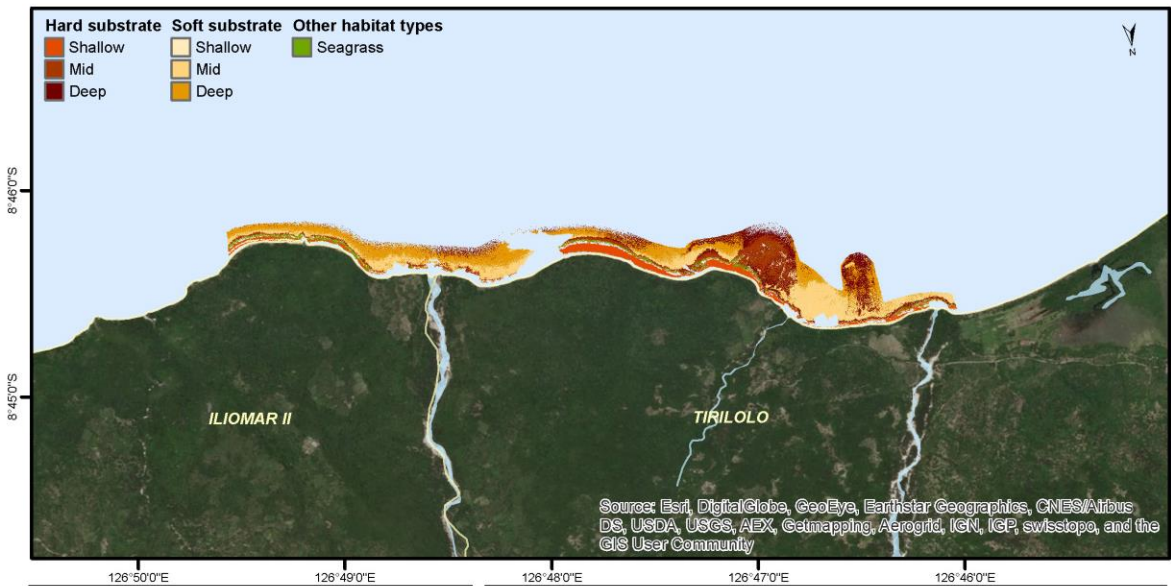
VILLAGES (SUCOS)



Bathymetry

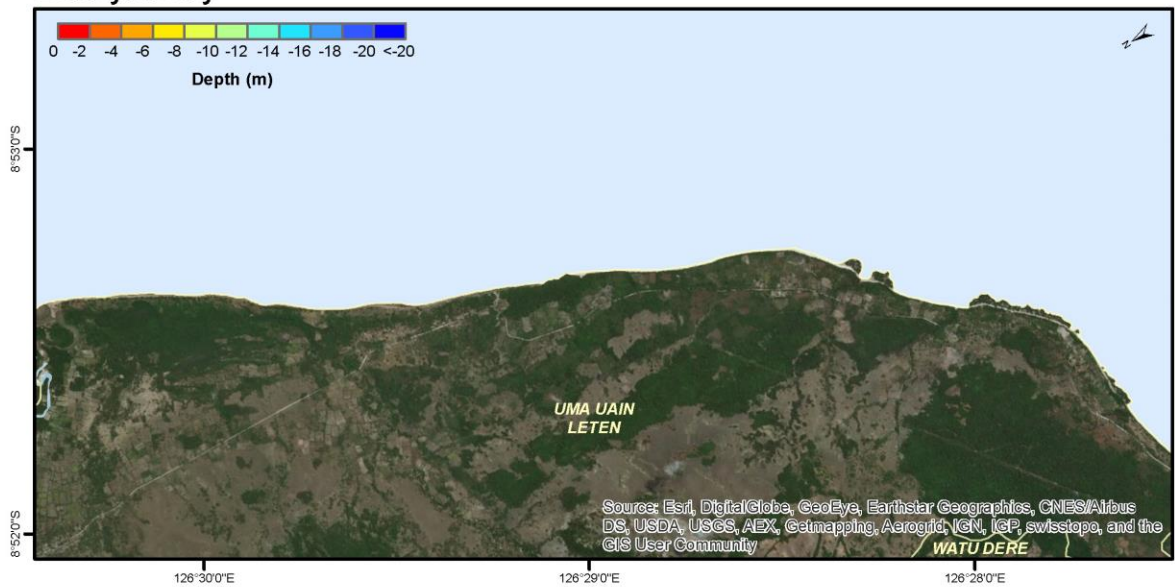


Benthic Habitat

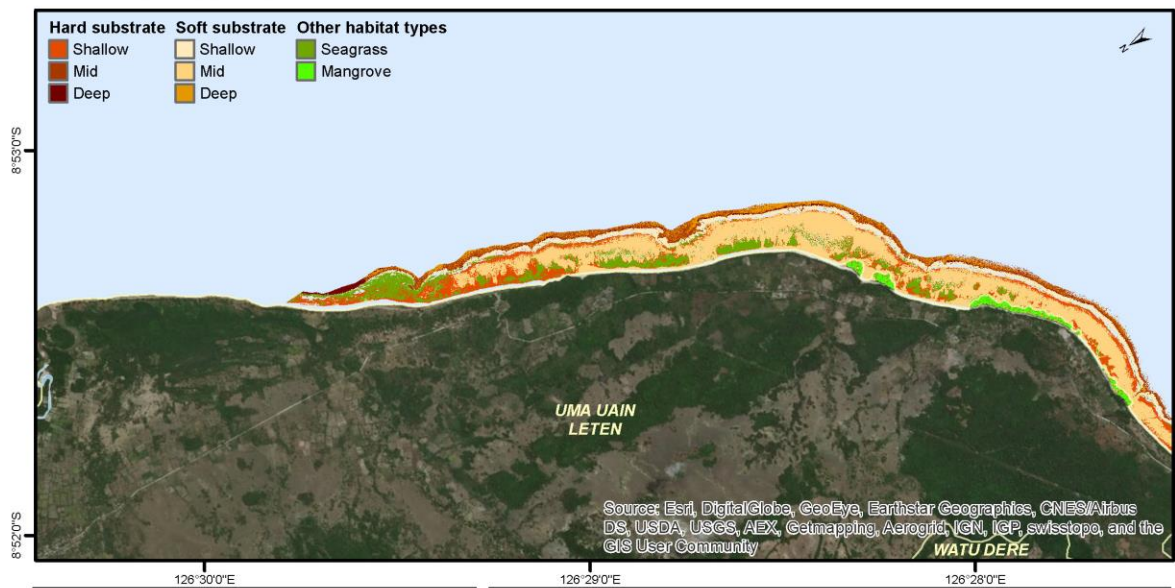


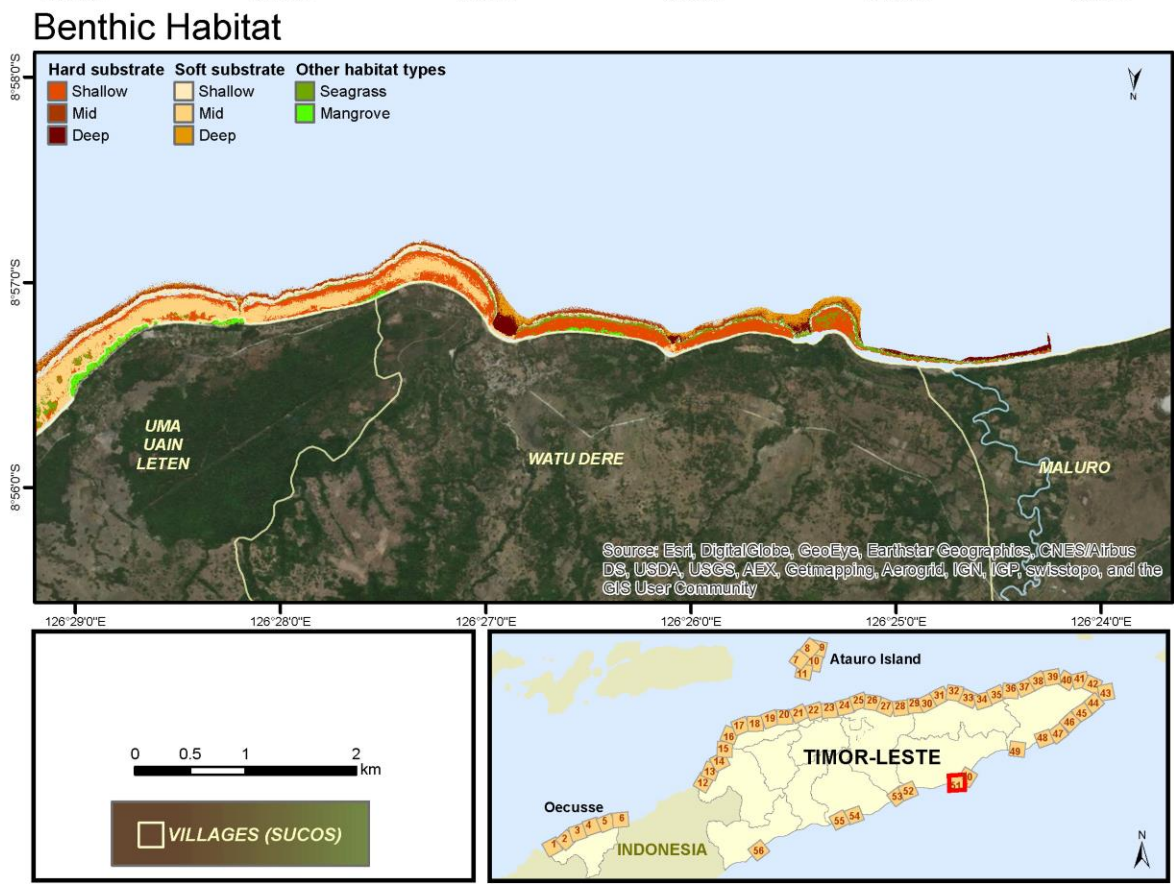
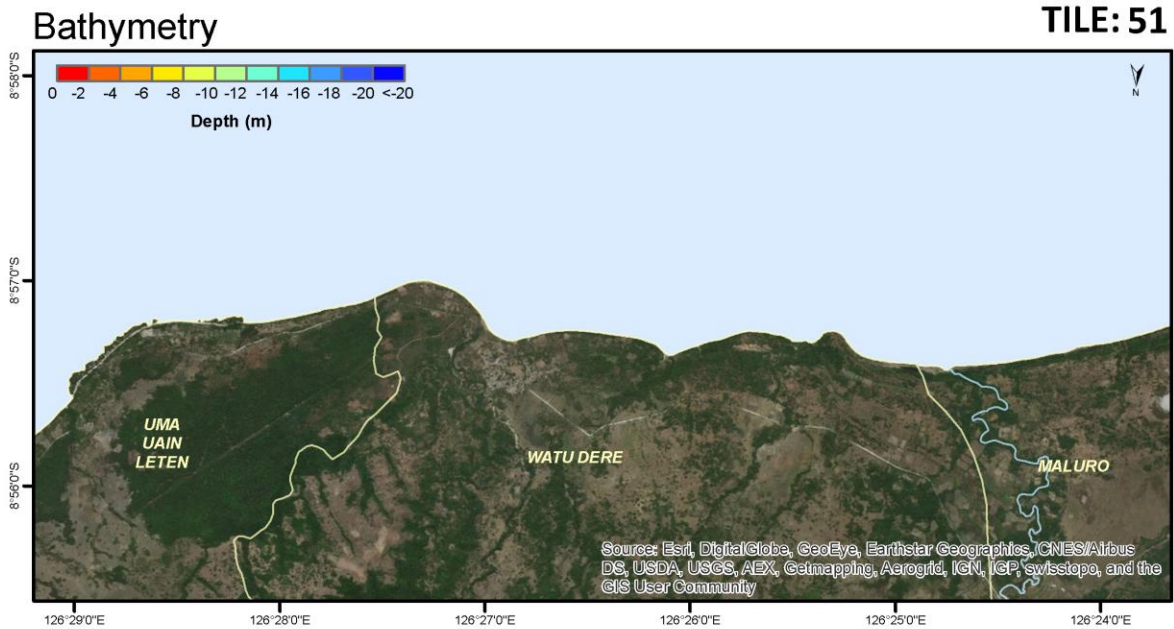


Bathymetry



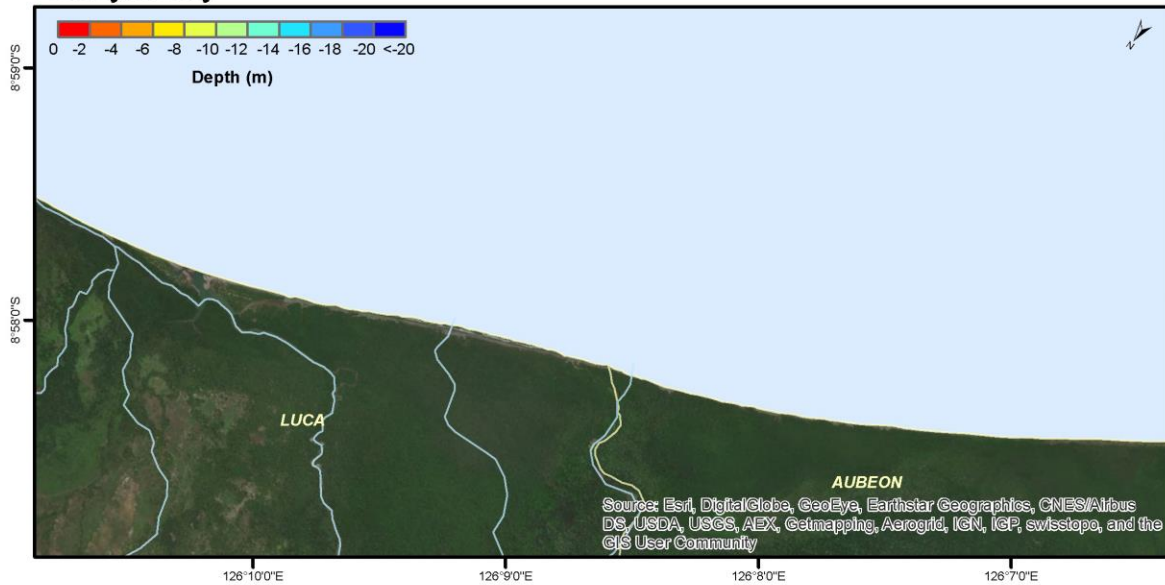
Benthic Habitat



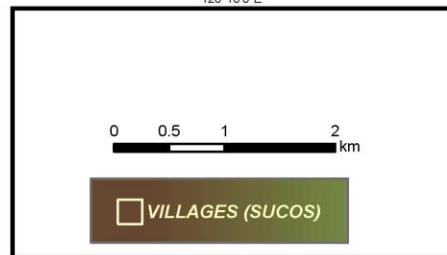
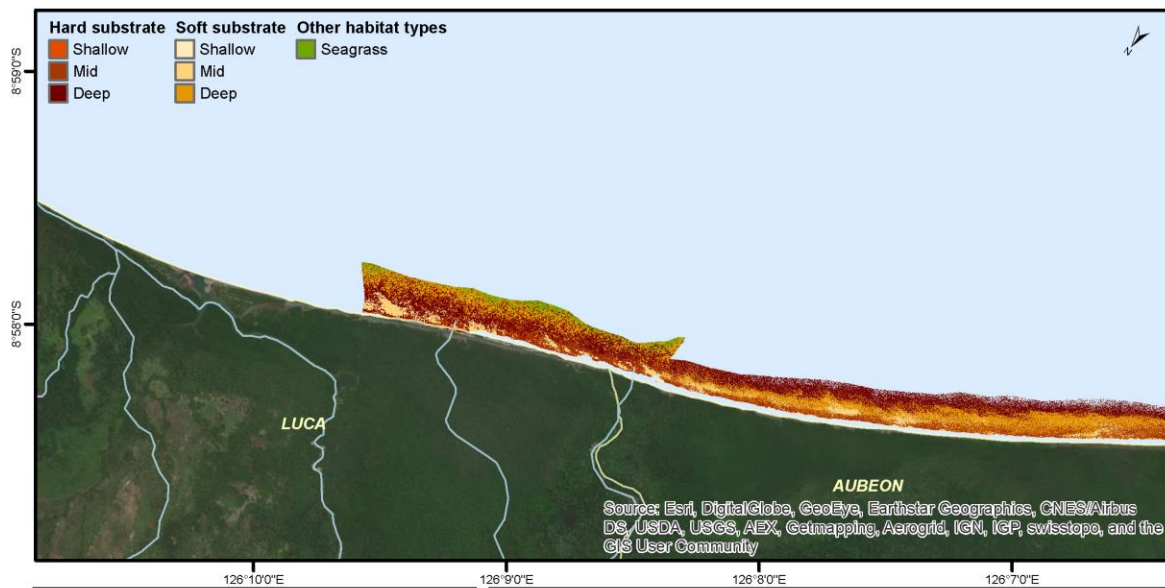




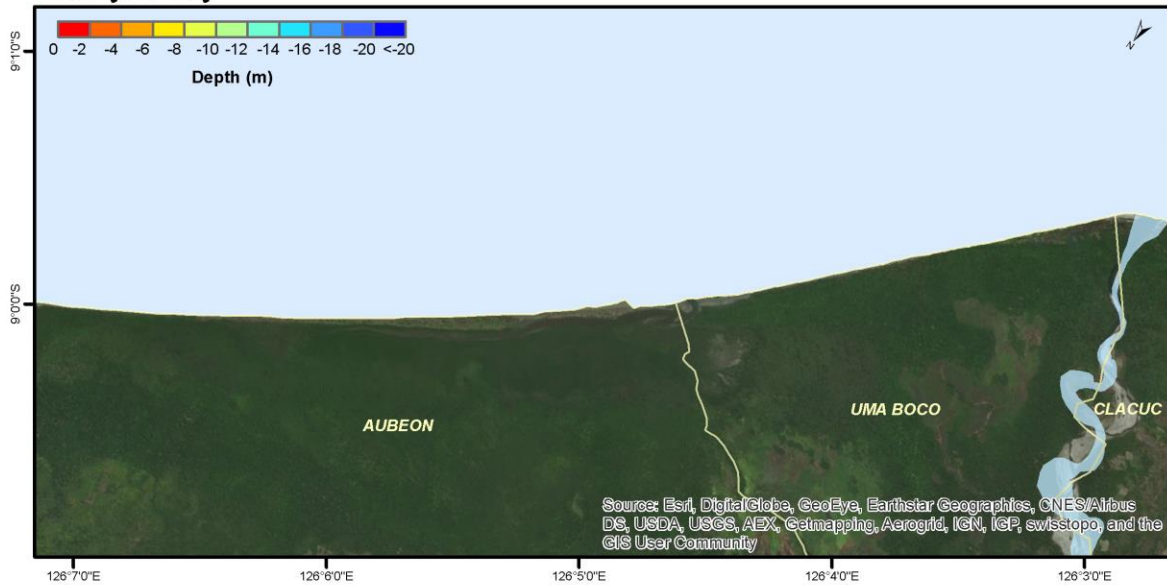
## Bathymetry



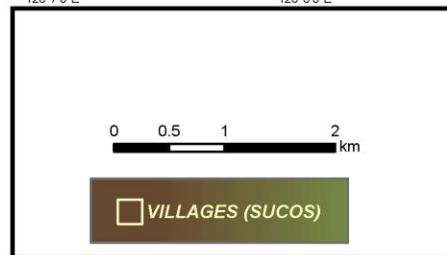
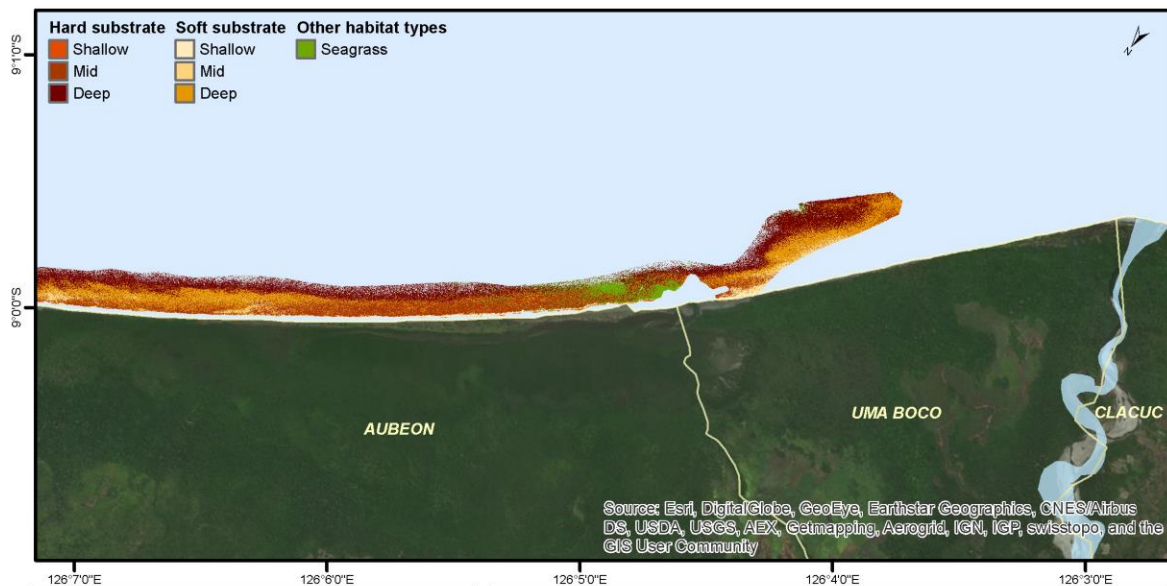
## Benthic Habitat



## Bathymetry



## Benthic Habitat



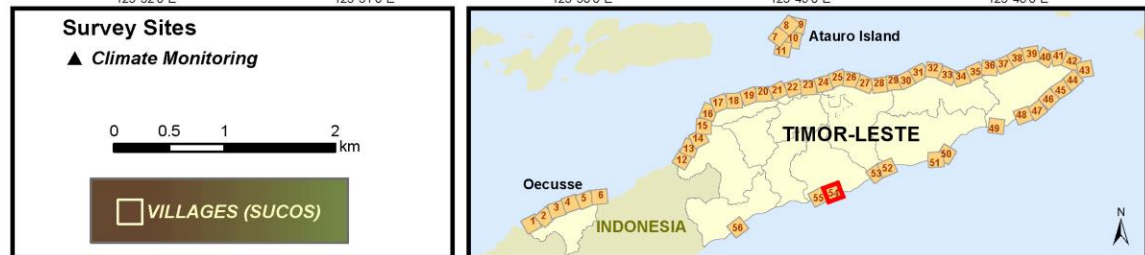
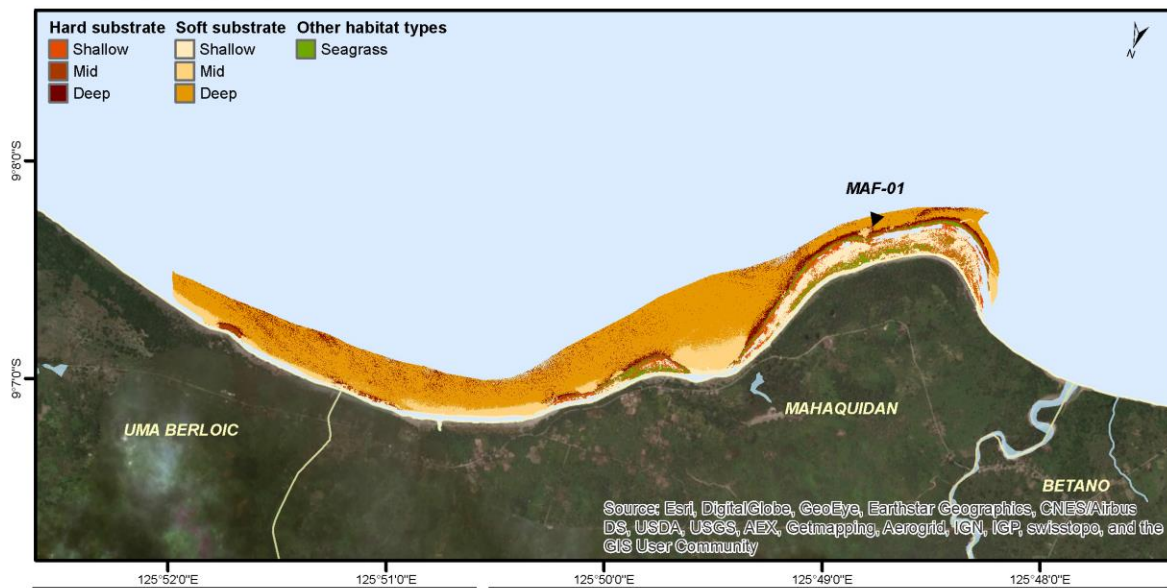


**DISTRICT: Manufahi**  
**TILE: 54**

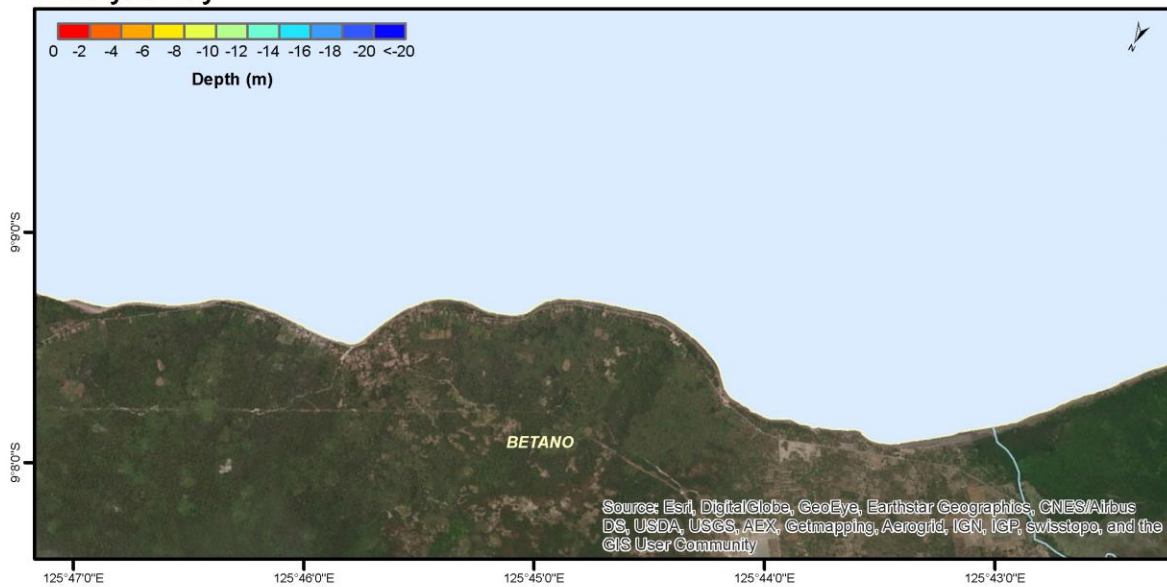
**Bathymetry**



**Benthic Habitat**



## Bathymetry



## Benthic Habitat

