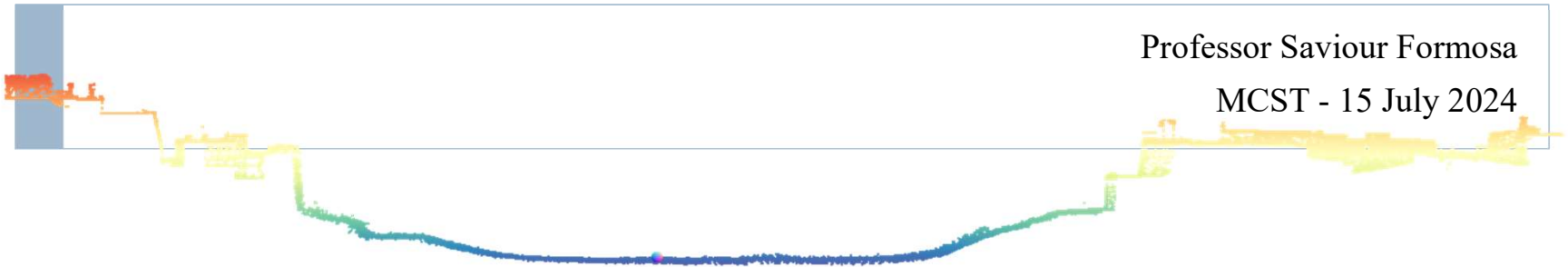


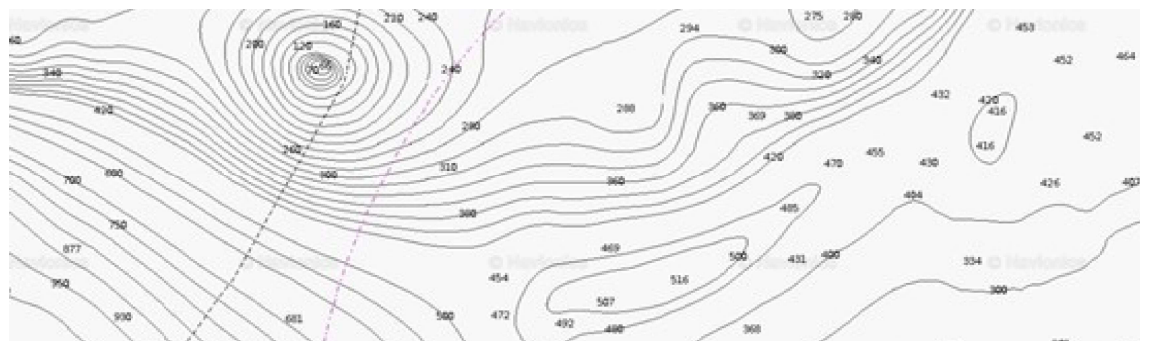
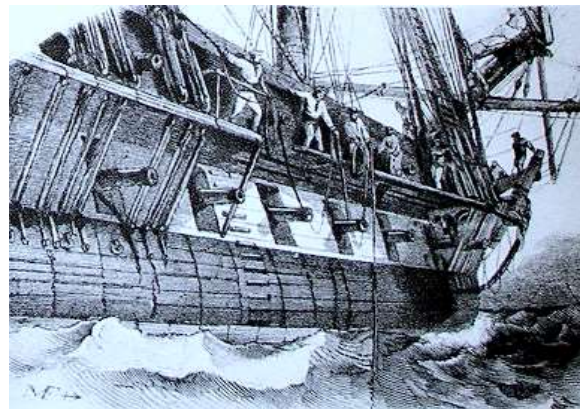
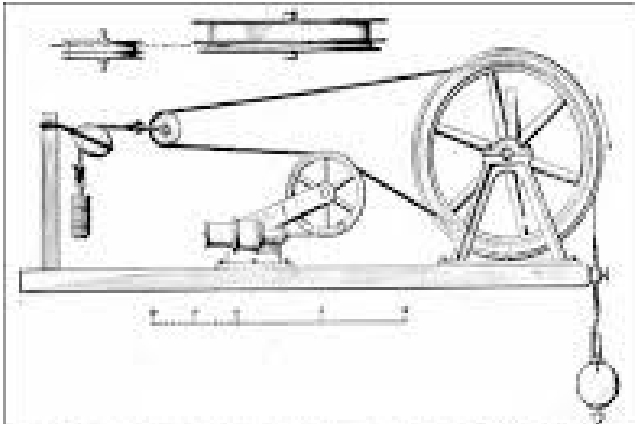
Developing a Spatial LiDAR Bathymetric Dataset for Marine Research (DaSLiM)

Professor Saviour Formosa

MCST - 15 July 2024



Bygone Times



The Situation: 2012

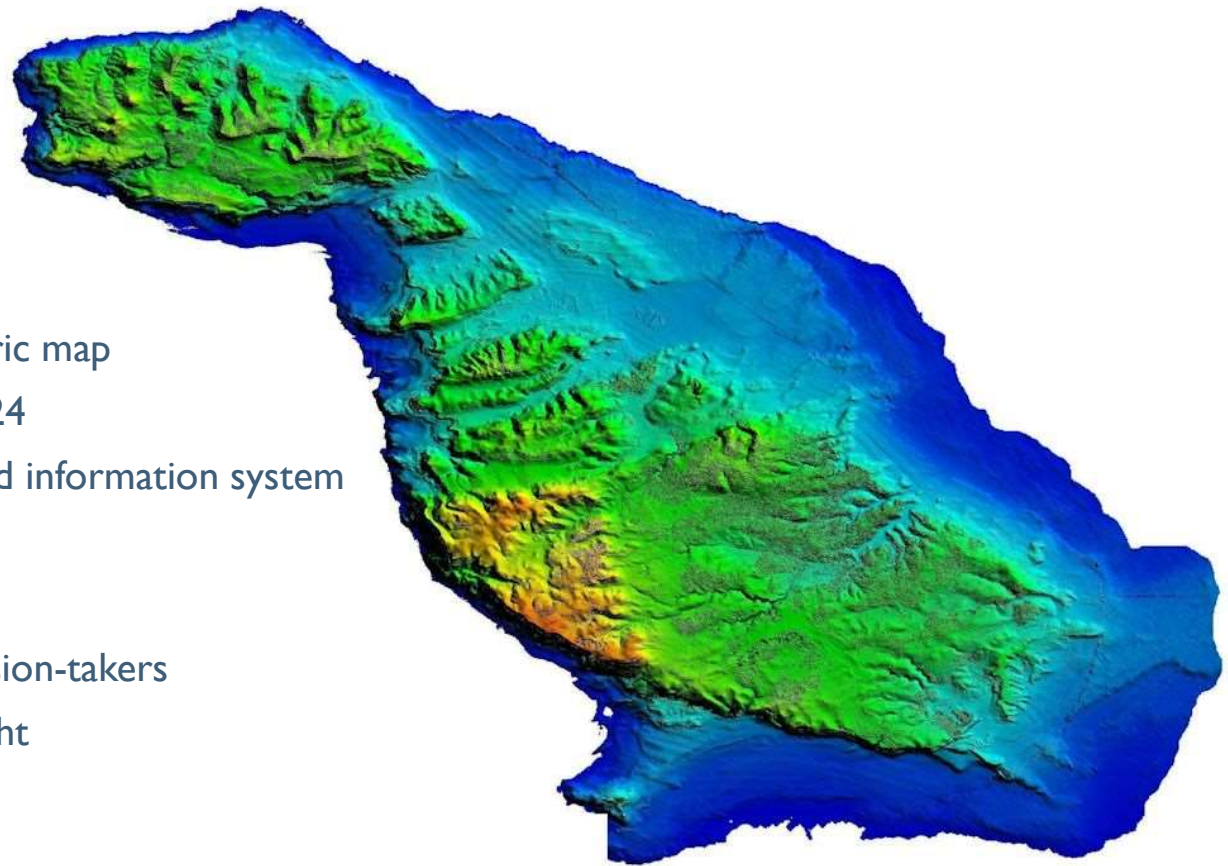


The Situation: 2024

- ▶ Second Survey to be carried through MEYR funding
 - ▶ Bathymetric scan through an aerial capture (plane based)

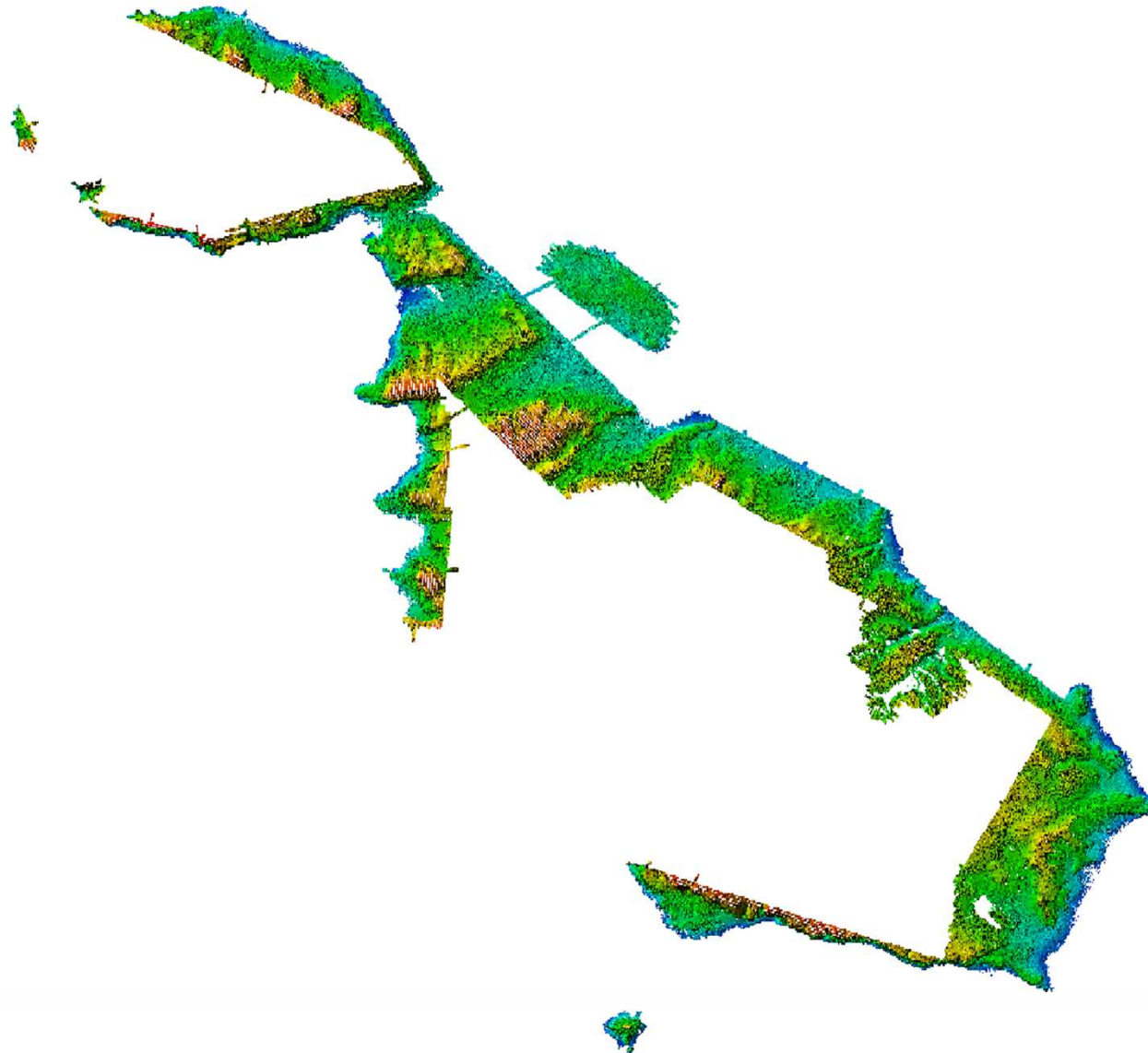
- ▶ Targets

- ▶ To update the 2012 dataset
- ▶ Create 2024 coastal bathymetric map
- ▶ Create a change map 2012-2024
- ▶ Create a new LiDAR integrated information system
- ▶ Update www.cloudisle.org
- ▶ Disseminate to spatial entities
- ▶ Enable policy-makers and decision-takers
- ▶ Moving from Insight to Foresight

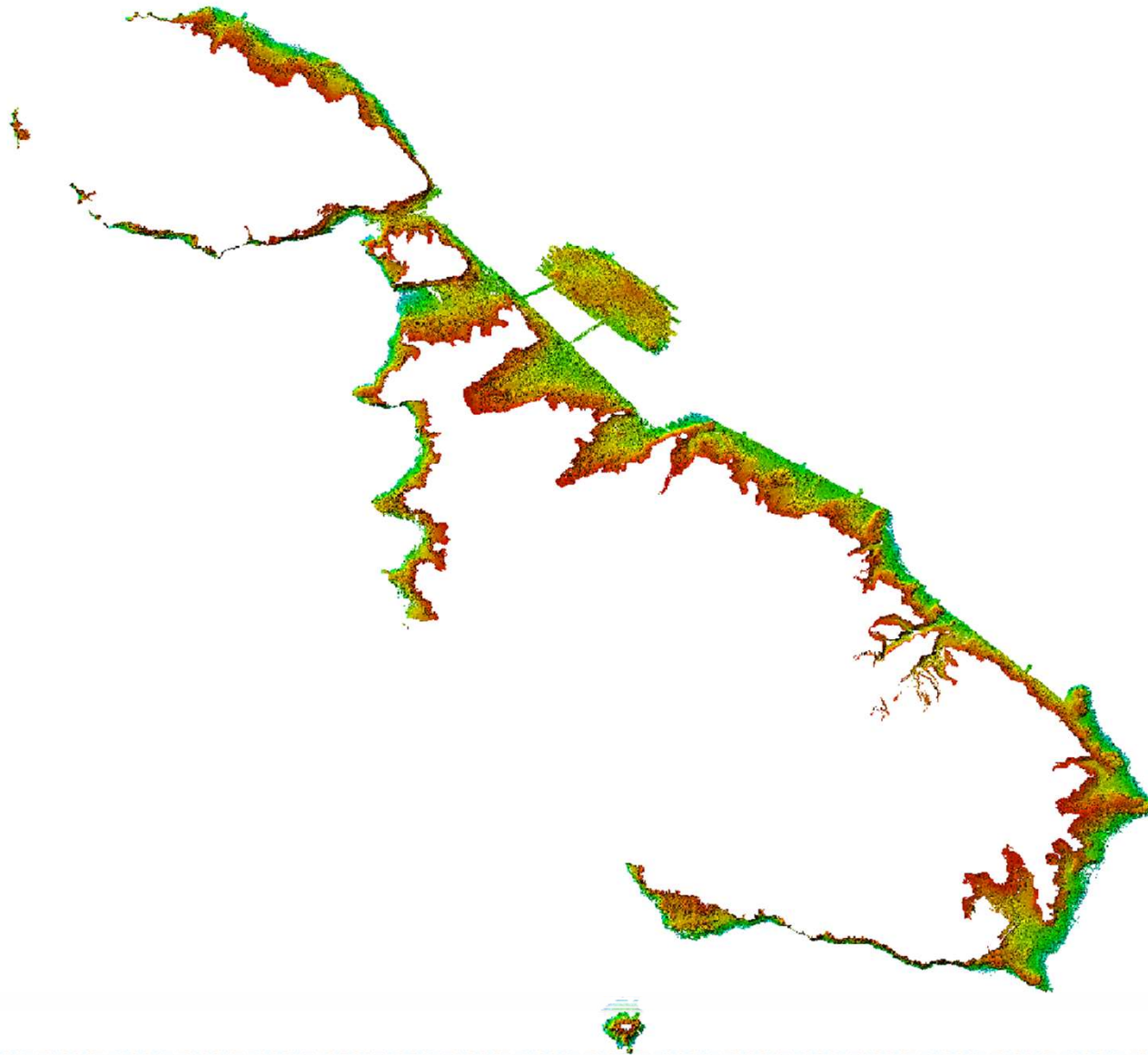




The Area

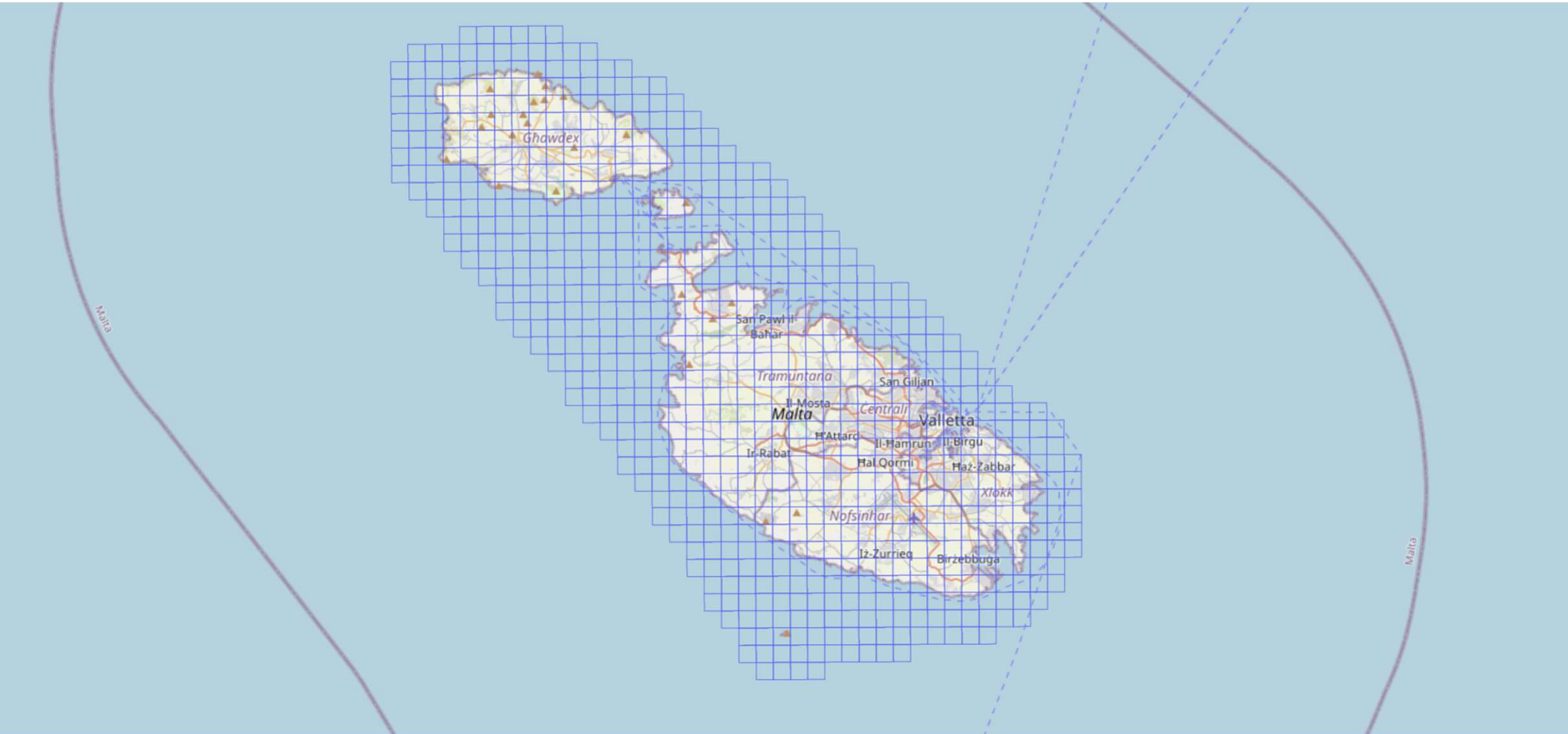


The Area



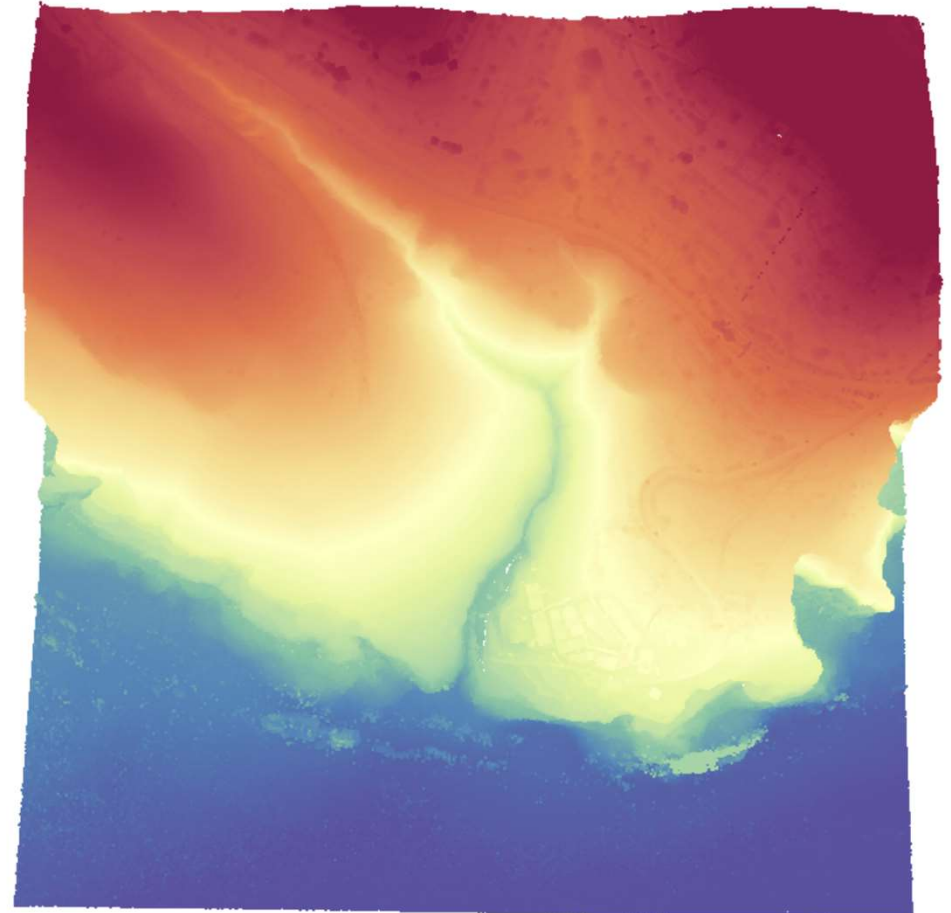
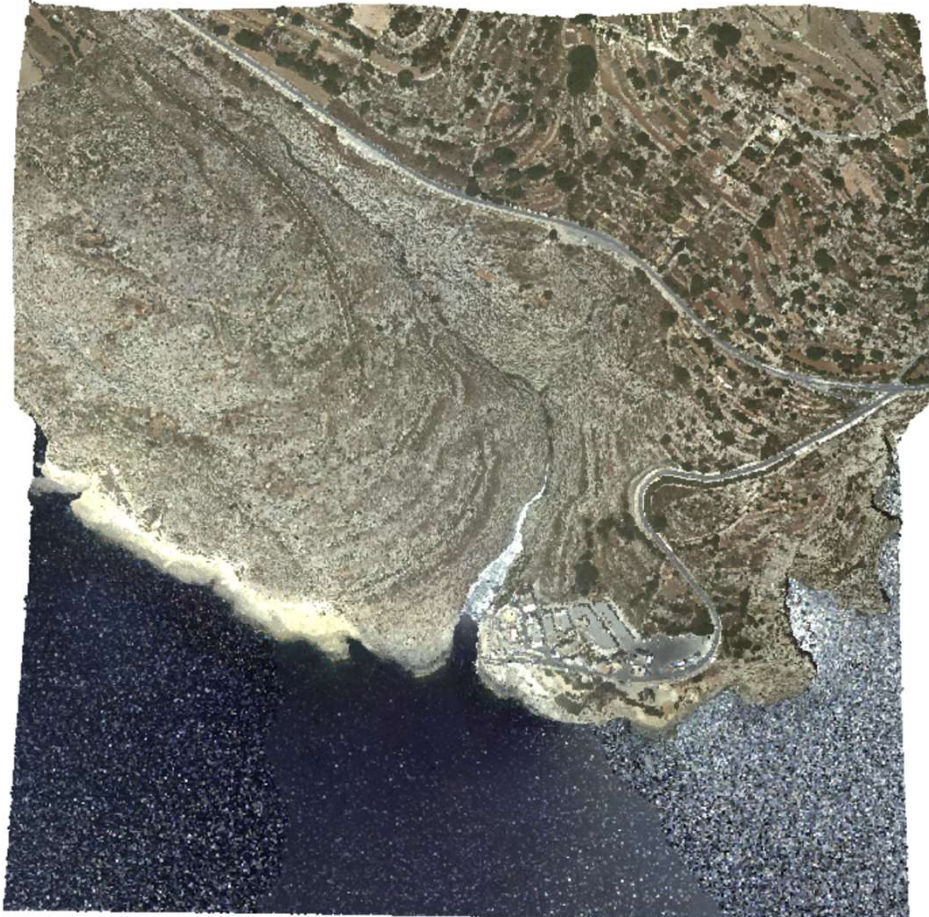


The Outcomes: LiDAR



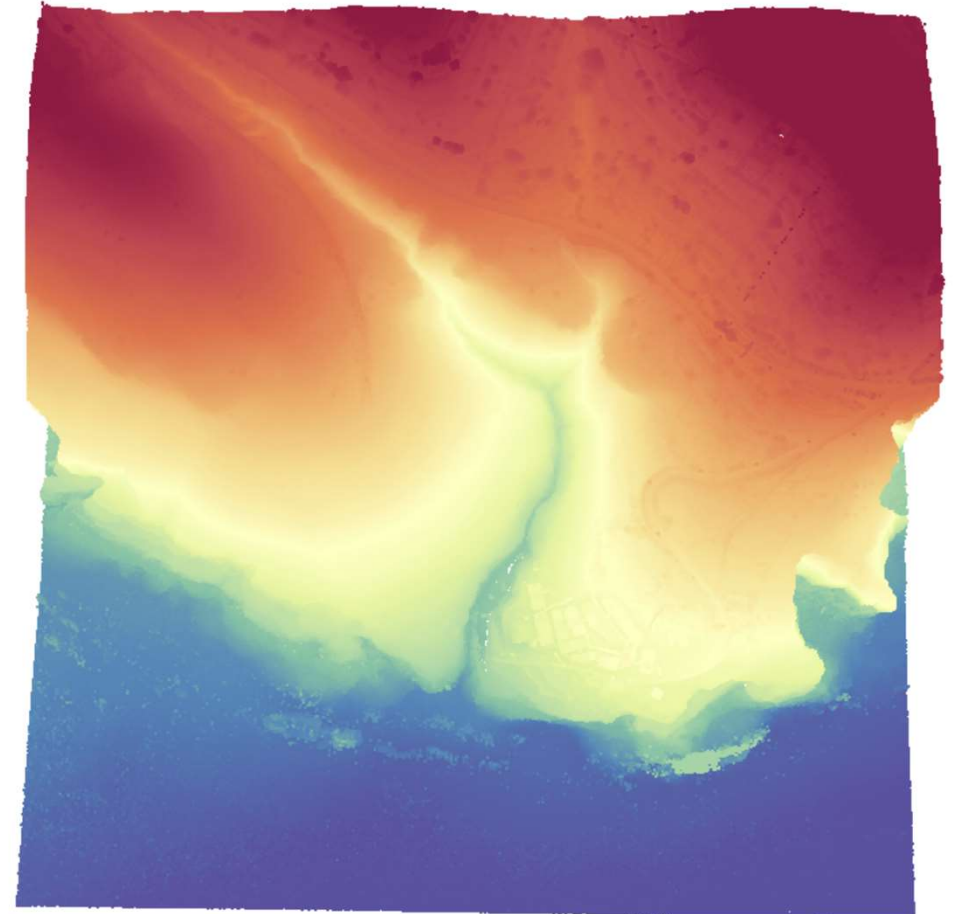
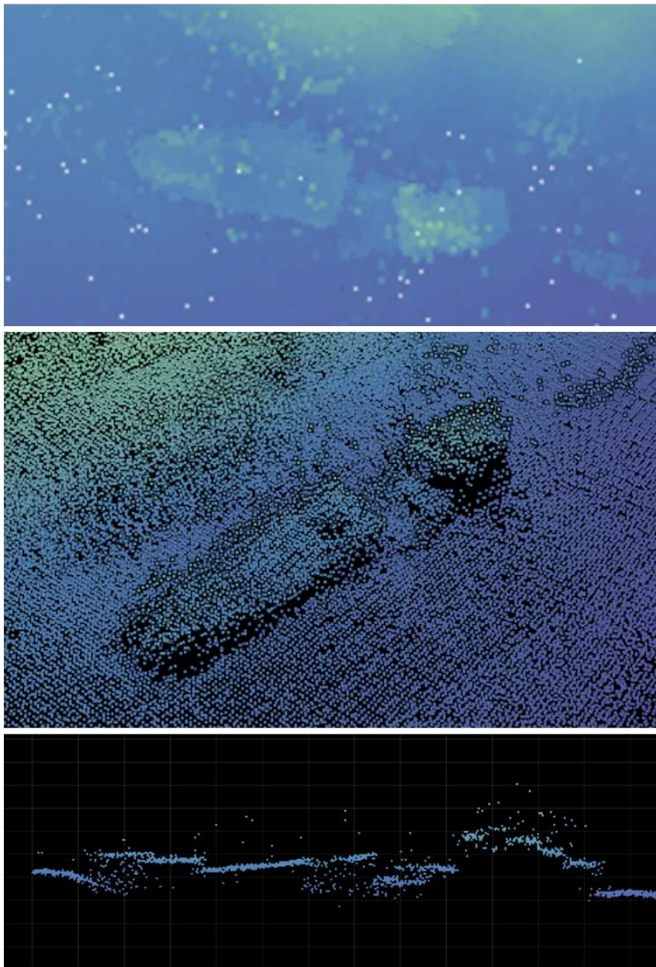


The Outcomes: Wreck

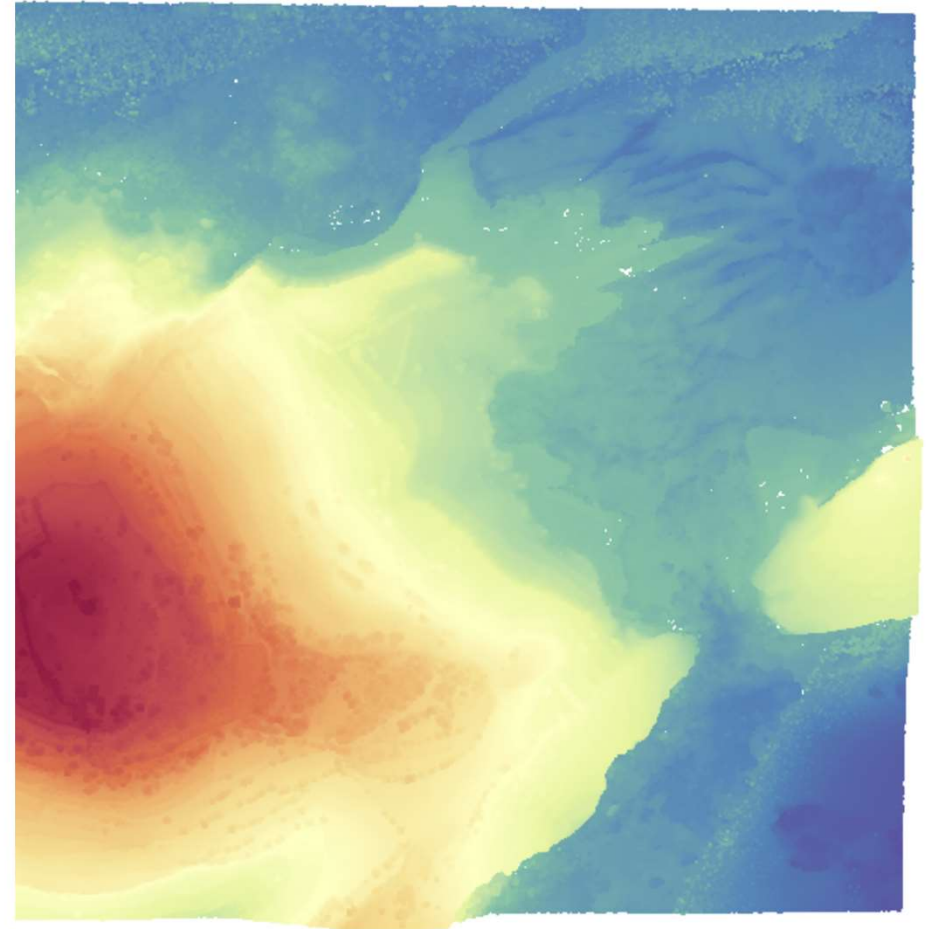




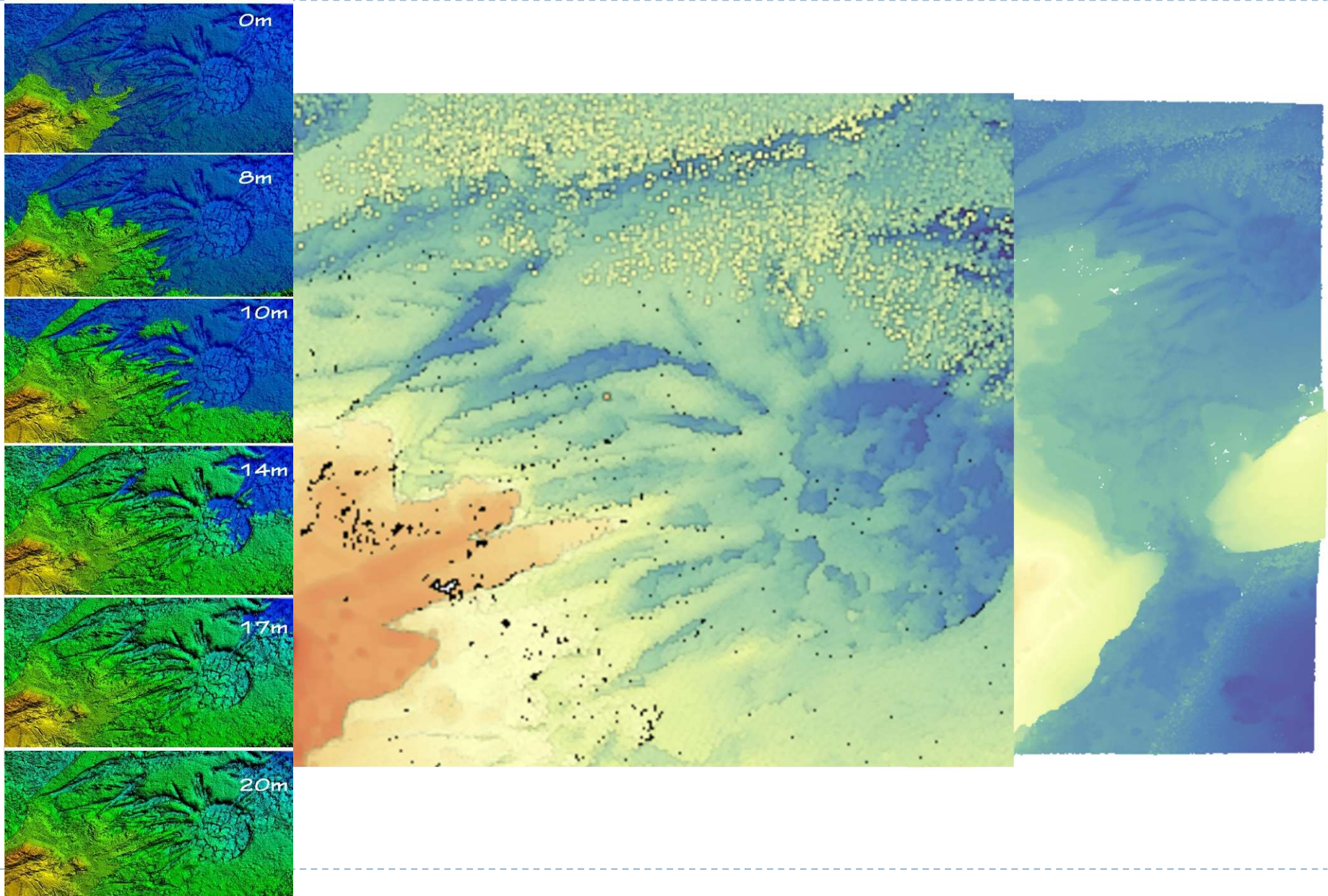
The Outcomes: Wreck



The Outcomes: L-Ghariebel

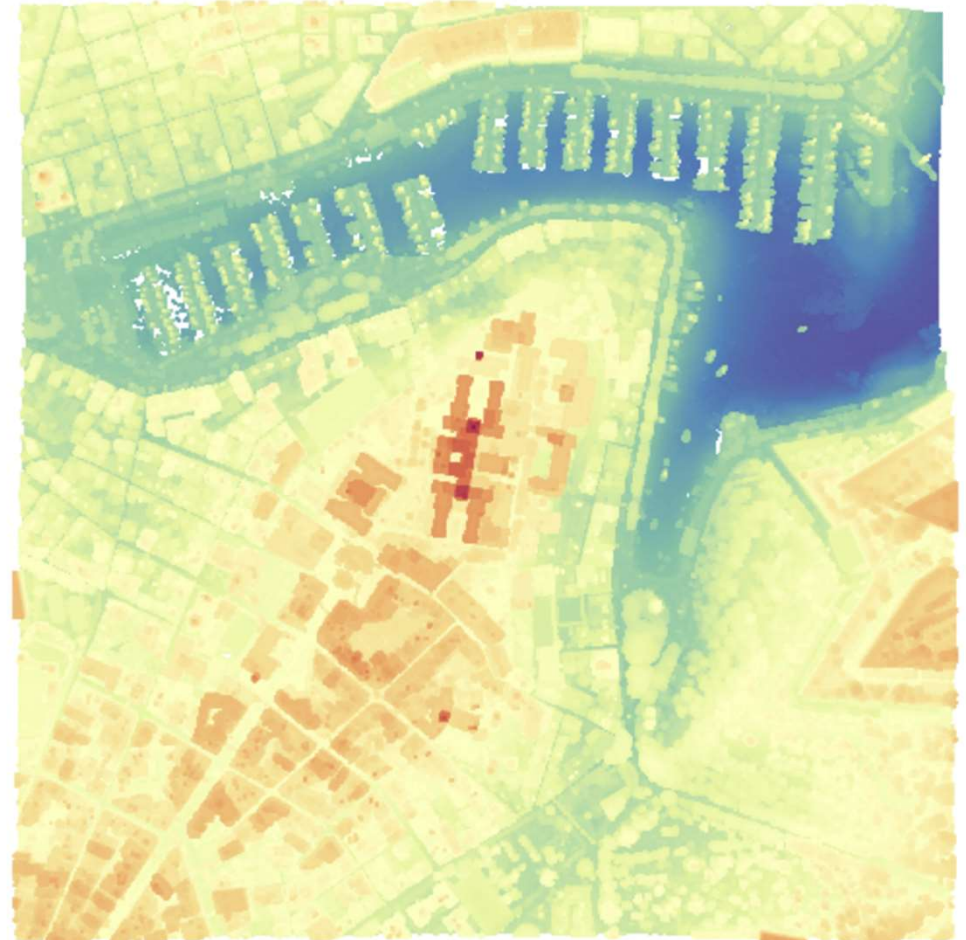


The Outcomes: L-Ghariebel



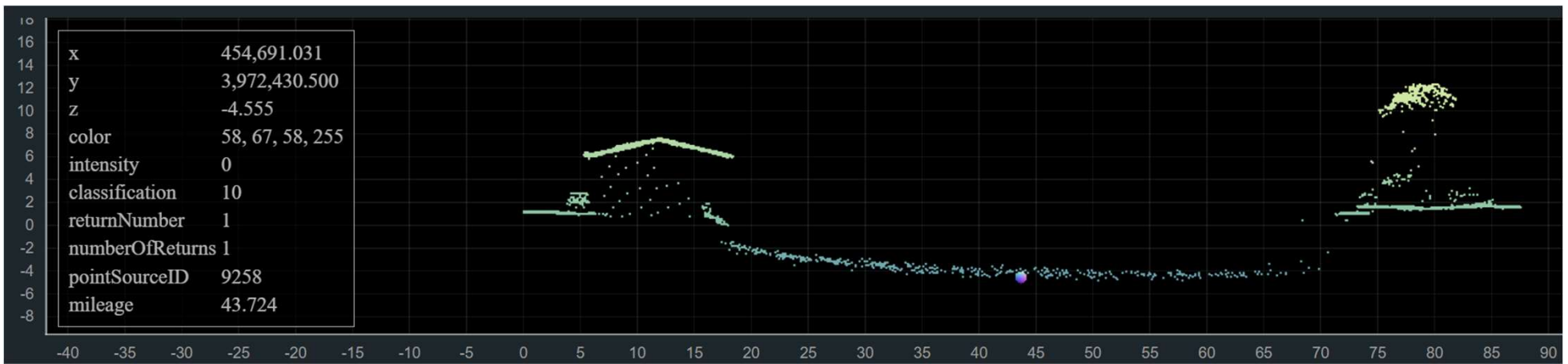
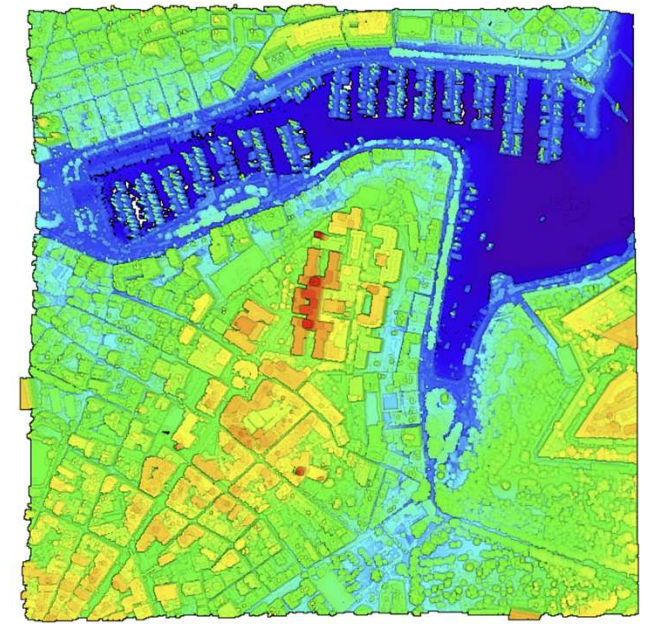
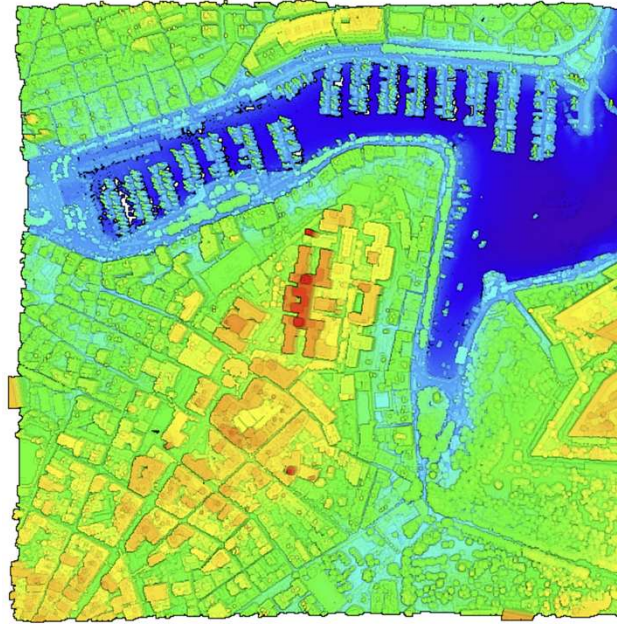
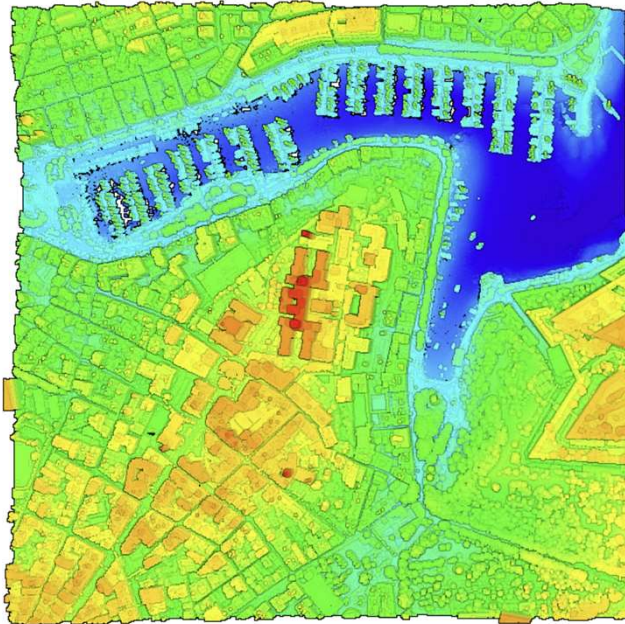


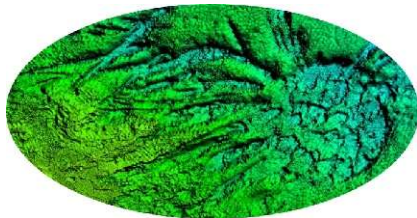
The Outcomes: Pieta Sea Level Rise





The Outcomes: Pieta SLR





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