

**DEM produced by SHOM  
&  
High Seas data made available**

**Thierry Schmitt**

# Production line of Bathymetric DEM

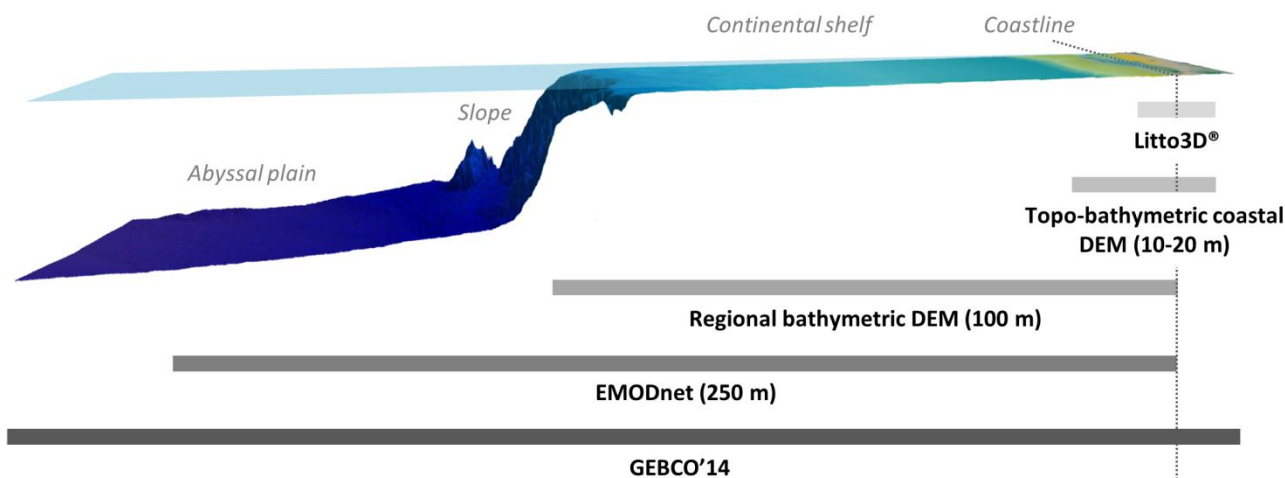
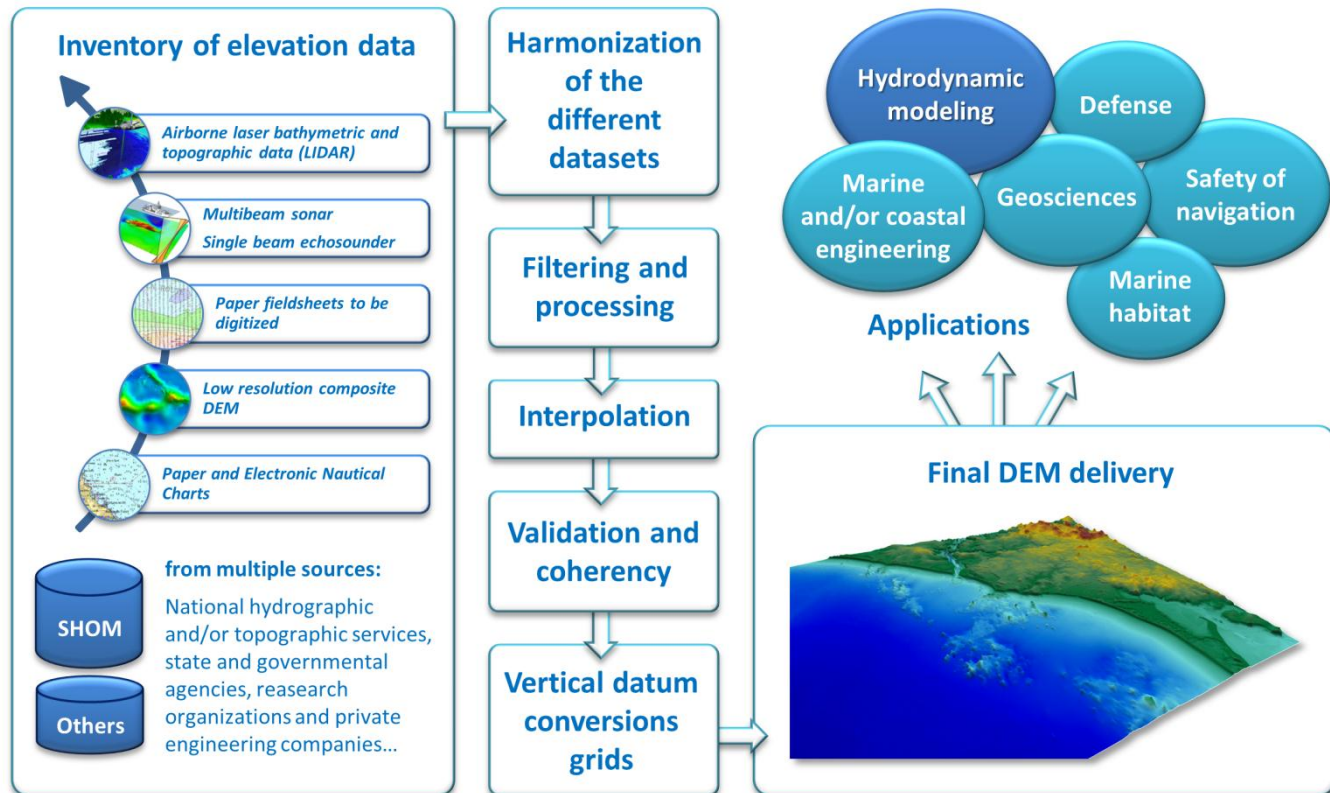


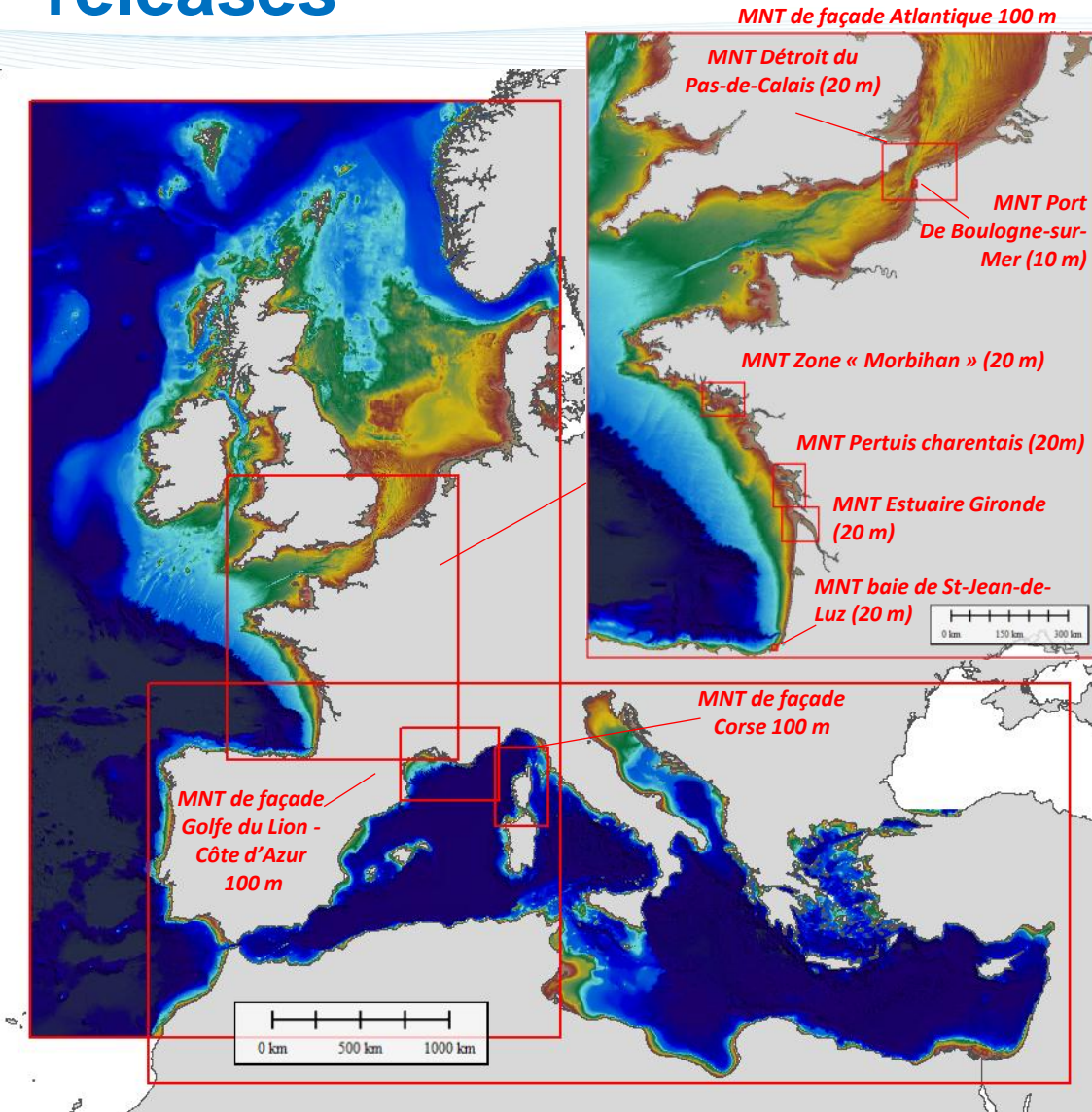
FIGURE 1. LARGE REGIONAL BATHYMETRIC DEMS FOR COASTAL RISK ASSESSMENT

Generation of Bathymetric Digital Elevation Models Along French Coasts

Coastal Risk Assessment

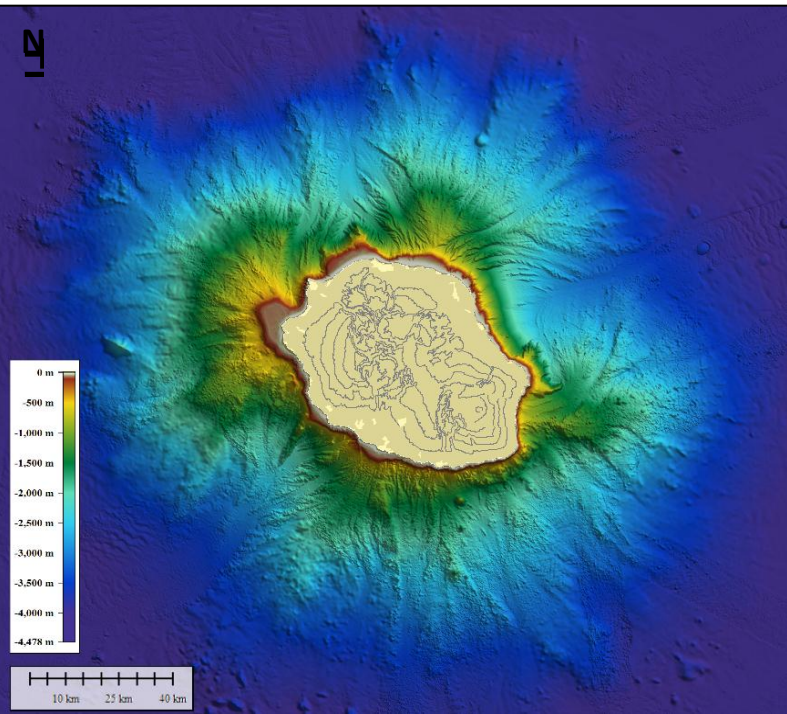
SHOM contributes routinely to the preparedness against coastal risks along French coastlines. For this purpose, regional bathymetric digital elevation models are built for implementation in forecast systems against rapid flooding. By integrating users' needs and its expertise relative to bathymetric data, SHOM offers new products for purpose products along the French coasts.

# Recent releases

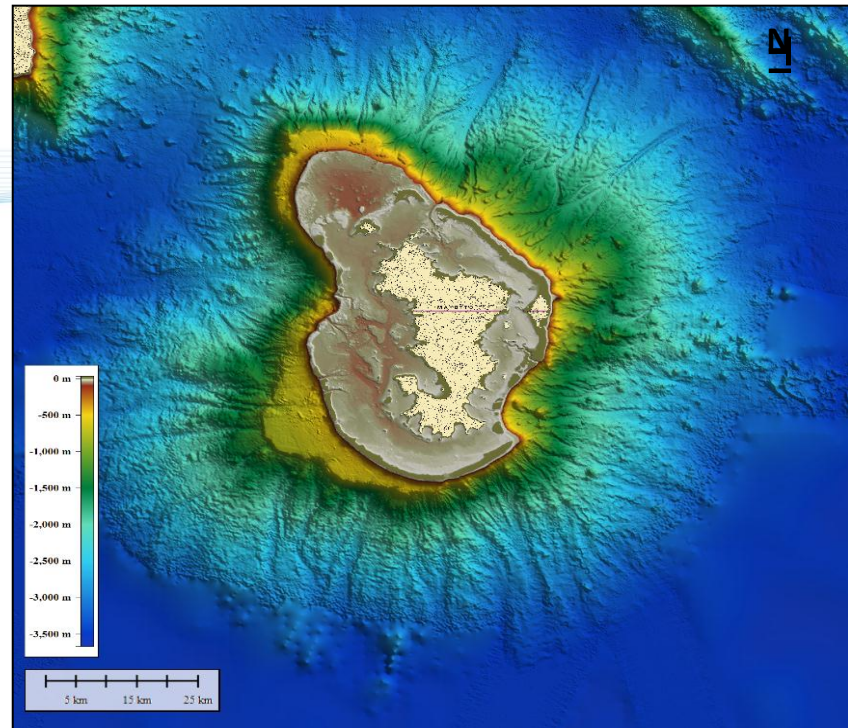


- ✓ 3 Regional DEM @ ~100 m
- ✓ 5 Coastal DEM @ ~ 20 m
- ✓ 1 MNT topo-bathymetric coastal DEM (harbour) @ 10 m

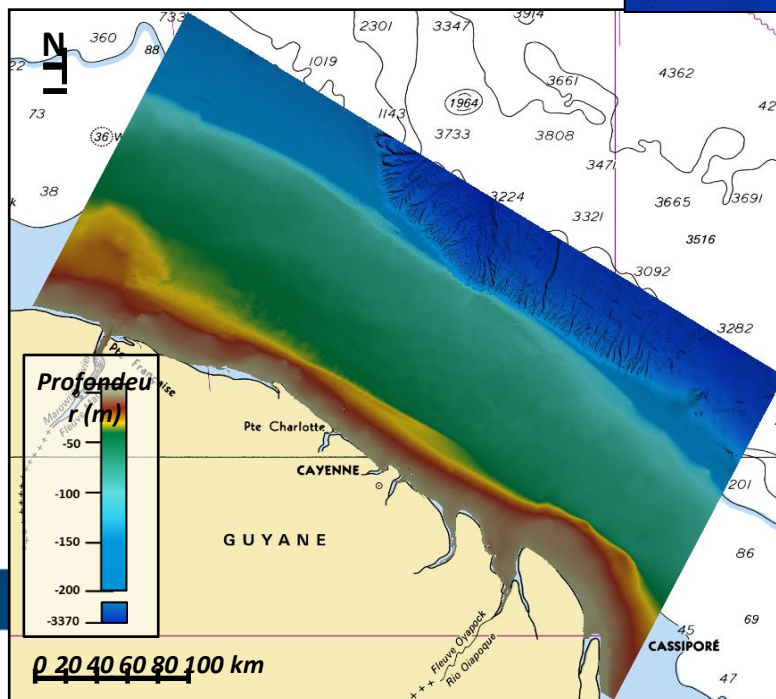




Mayotte Island



Réunion Island



French Guyana

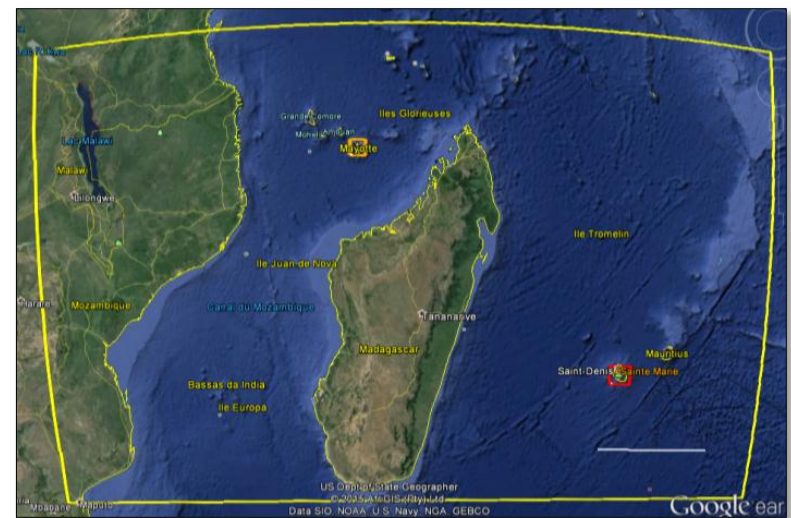
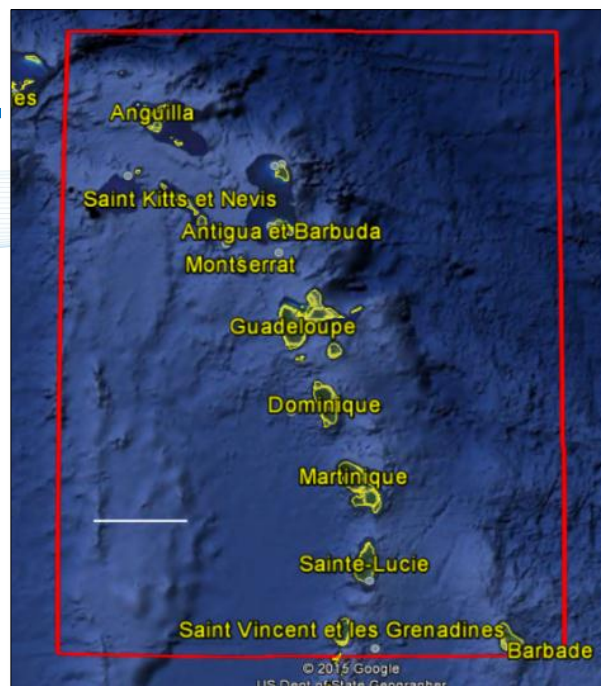
# Products to come ...

## ✓ Regional seas (~ 500 m) :

- Antilles-Guyane
- South west Indian Ocean

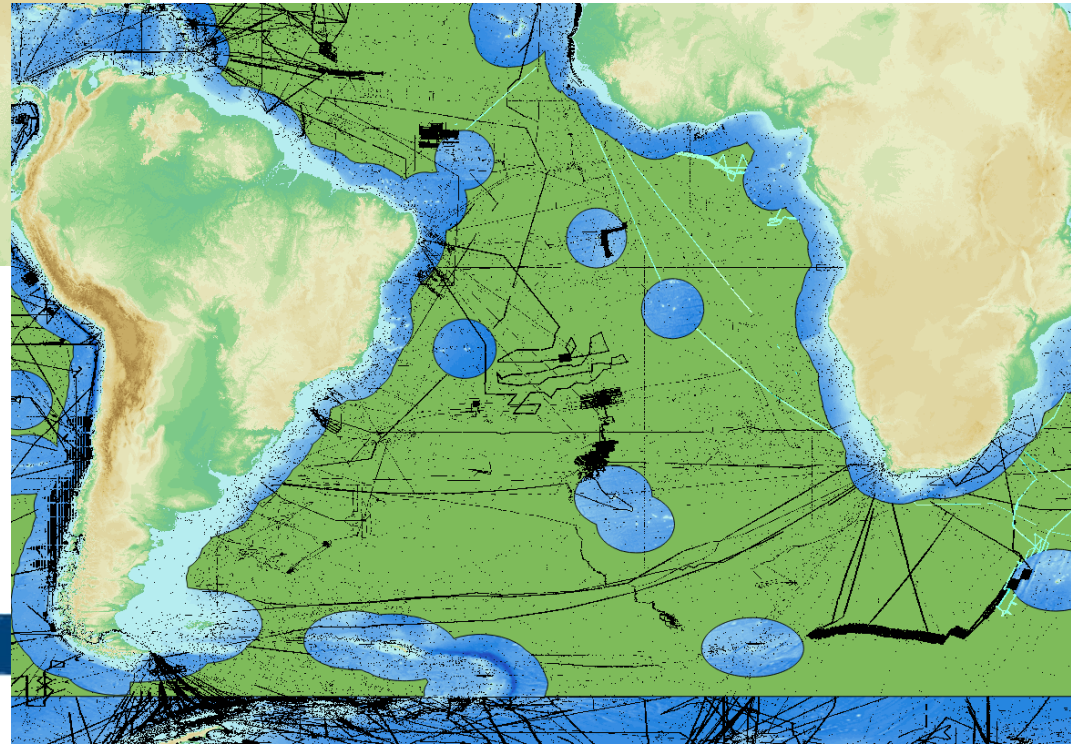
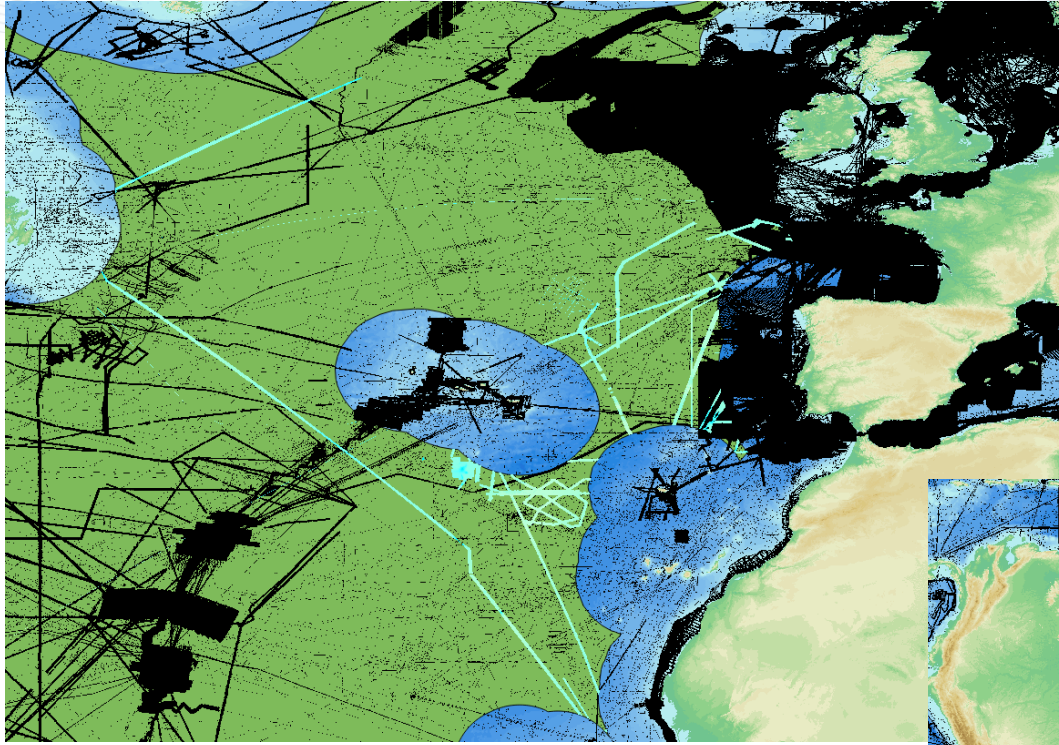
## ✓ Coastal seas (~ 100 m) :

- Martinique
- Guadeloupe

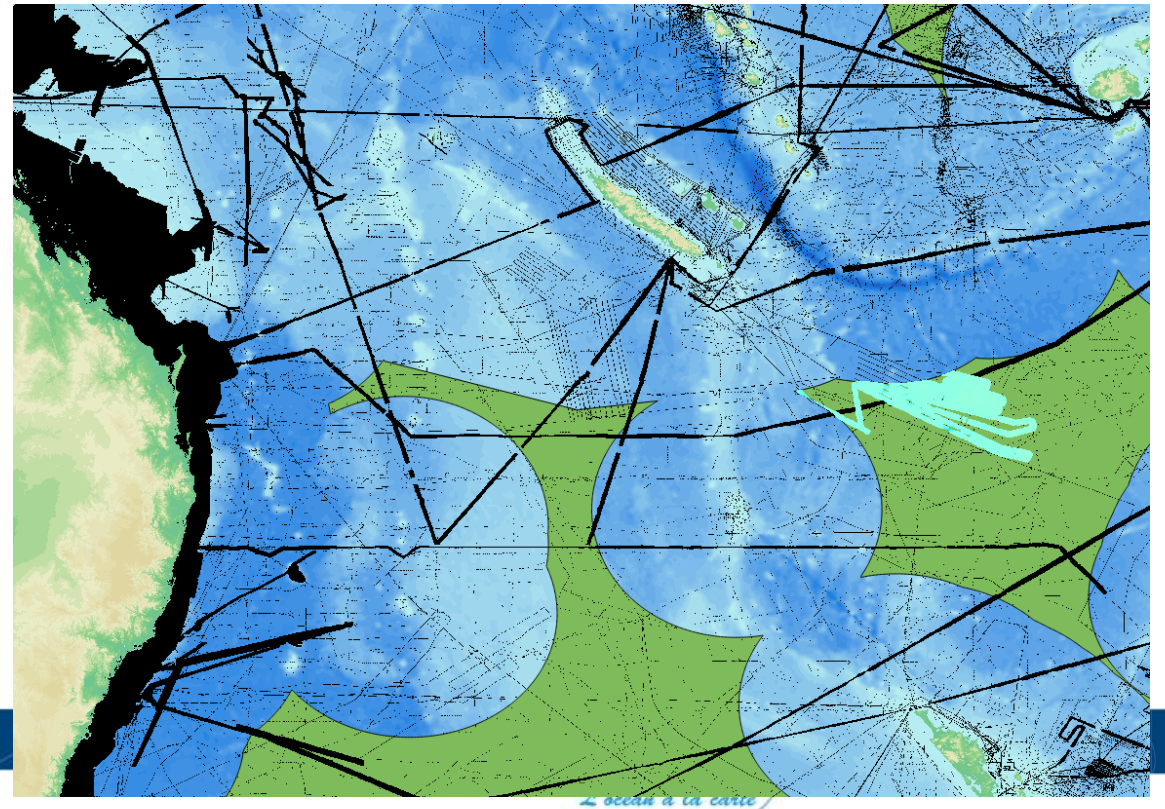
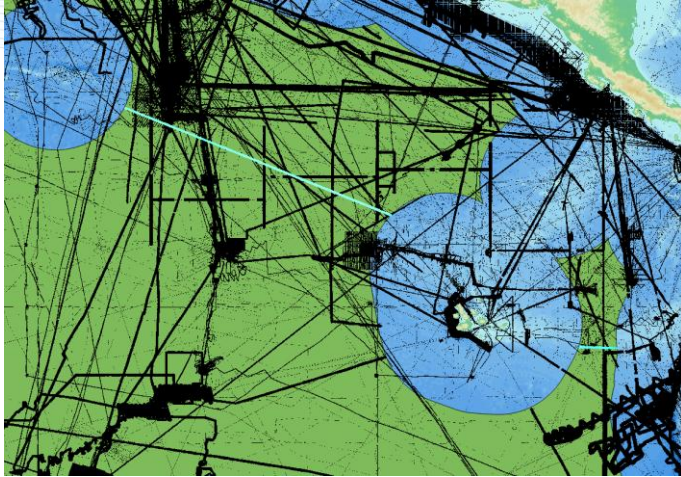




# High seas bathymetric data (Atlantic Ocean)



# High seas bathymetric data (Pacific Ocean)





# High seas bathymetric data (Indien Ocean)

