Risk awareness (scientific)
Hazard and vulnerability assessment

- Hazards
  - *Seismic (Sources, Historical records)*
  - *SLR (Tsunamis, Surges, SLR)*
  - *Meteorological data*
  - *Coastal Topography/Bathymetry (DEMs)*
  - *Coastal Morphology/Typology (Monitoring Coastal Change)*
  - Existing Defences

Vulnerability
Social/Economic/Environmental/Institutional

- Social
  - Population distribution (LULC, nightlights, CIESIN GPW)
- Economic
  - *LULC and LUCC (Accuracy, Validation)*
- Environmental
  - *Habitats, pollution, Sensitive areas /ecosystems (improve monitoring & temporal resolution)*
- Institutional

- Feedbacks (positive/negative)
- Scenarios (derived from hazard & vulnerability data)
- Tools (e.g. DIVA) towards increased risk awareness