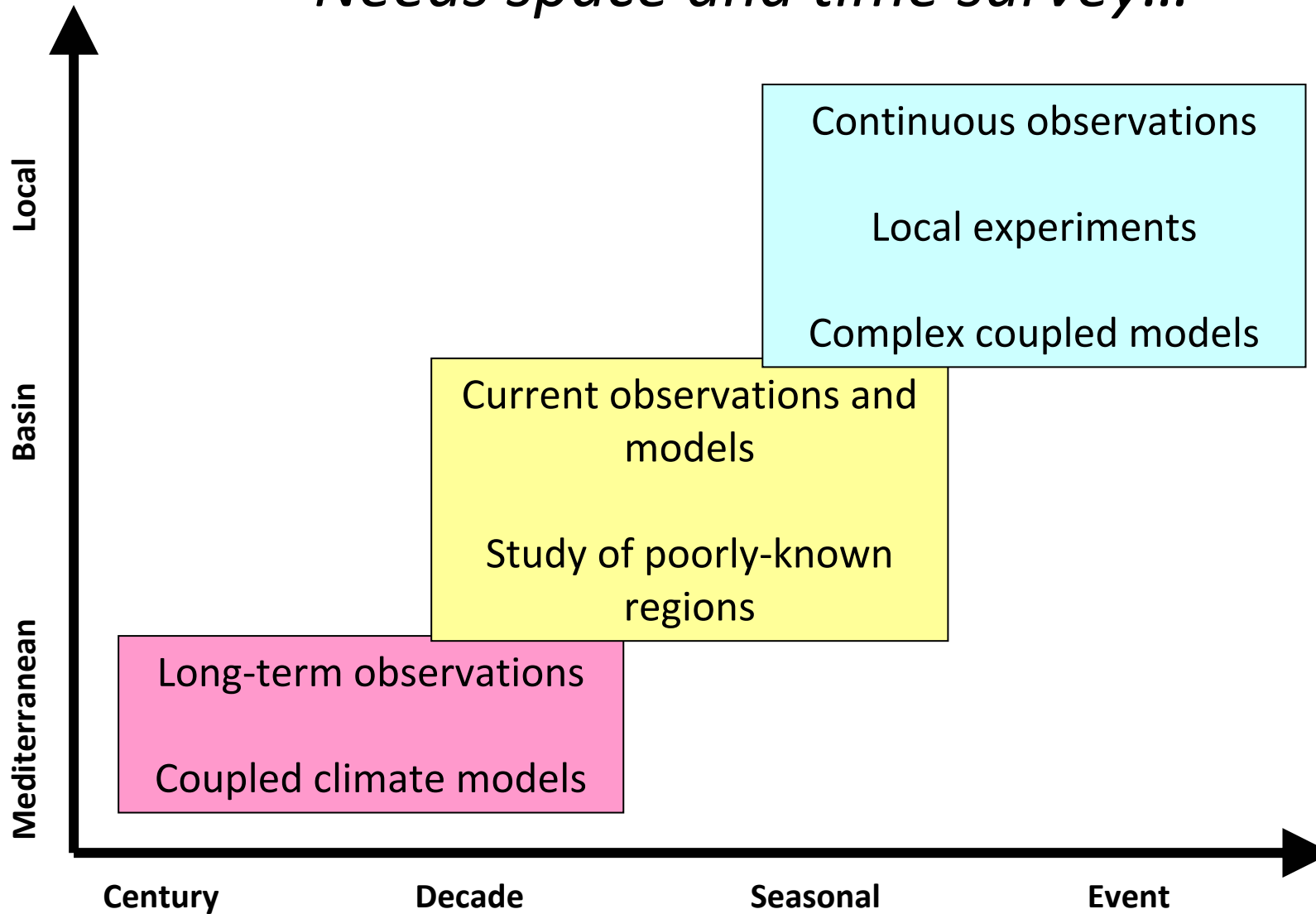


# MERMEX (Marine Ecosystems Response in the Mediterranean Experiment)

- **Main objective:**
  - Identify the impacts of climate warming and human activities on biogeochemical fluxes and marine ecosystems
- **Intricate changes :**
  - Climate warming: changes in thermohaline circulation, dense water formation and extreme events
  - Human activities: modifications of biogeochemical cycles (nutrients, organic matter, contaminants), acidification, structure of ecosystems (biodiversity, eutrophication, HAB,...) and their vulnerability
- **Potential consequences:**
  - Fisheries
  - Water quality
  - Tourism
  - CO<sub>2</sub> sequestration

# MERMEX

*Needs space and time survey...*



**>>> Require networking for comparative approach over basins**