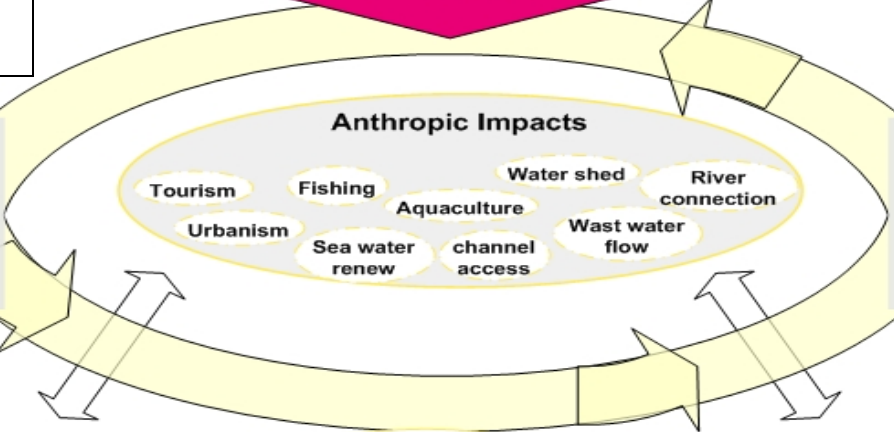


# Field investigations for managements and conservation of shallow water lagoons: practices and perspectives

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Interest of shallow water lagoons : (i) Socio economic importance. Multi-usages: Fishing, aquaculture, Urbanism, Tourism, ...(ii) Ecological importance: nursery area, biodiversity, wetland.... Complexity of efficient management

**Decision-makers**  
Economical and Political views



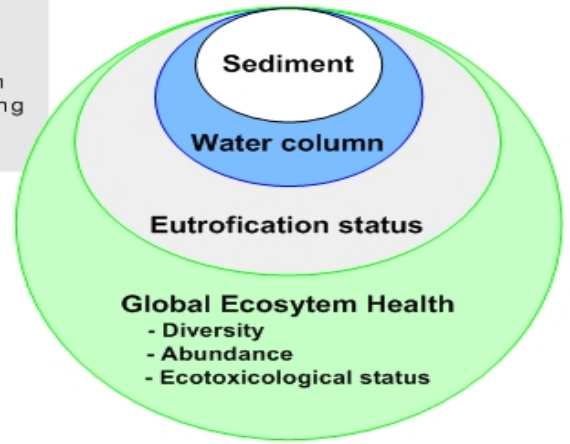
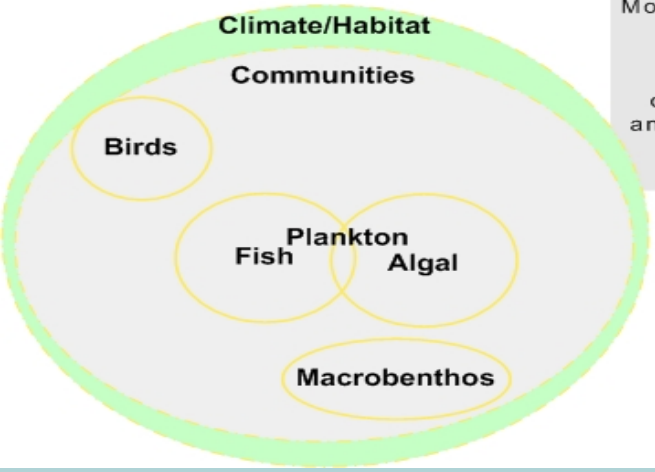
Diagnostic indicators and Risk estimator according to the conservation and/or the exploitation objectives

Health status: Analysis and Advice according to knowledge on the Ecosystem

**Ecological Organization**

**Scientist**  
Monitoring fauna & flora, ecological lagoon organisation and functioning by Multi indicators

**Ecological Lagoon status**



Perspective: continuous direct automated monitoring of fish flow, water quality and environmental & meteorological data

- Interest:
- Centralization of the scientific information
  - Real time observation and decision making
  - Historical data collection (Time series)

