Ecosystem services assessment from an ecological perspective

POSTER #116

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Human well-being relies on the good functioning of marine ecosystems (Costanza et al. 1997; MEA, 2005; Chapin et al. 2000; Cardinale et al. 2012). It is vital that conservationists highlight this concept thus to have sustainable human uses of the ocean, protecting biodiversity and ecosystem.
Structure and Functioning of marine and coastal ecosystems

ES Indicators

Two main advantages:

- Fueling conservation of ecosystem functioning as producer of ES
- Assess future change of ES supply
ES capacity

1) Biomass of commercial species (FoodWeb)
2) Habitat presence
3) Attractive potential

ES flow

1) Yield of target species
2) Habitat reduction of impacts on the coasts
3) Tourism rate (national statistics)

Multiple ES

- **Present**: multiple uses at the sea (synergies and trade-offs)
- **Future**: maximizing protection of some ecosystems can protect more ES

1) Fishing
2) Coastal protection
3) Tourism
In the last decade EbA (supported as best strategy from UN, 2005 and EU, 2008) found a possible realization in the assessment of ecosystem services (ES) which allow the very nature of EbA as an integrated resource management strategy. ES projection can inform national Maritime Spatial Planning (MSP) and Blue growth.
See you from 5.30 pm to 7.30 pm around my poster!