



Nicholas Institute for Environmental Policy Solutions
Duke University



Marine Ecosystem Services Partnership

a virtual library and community of
practice for ocean valuation

ICRI GM 25

Clare Fieseler, Junior Fellow, Ocean & Coastal Policy
The Nicholas Institute at Duke University (USA)



Data Needs

- Demonstrate the value of ecosystems
- Demonstrate the value of potential management
- Measure the detriment of poor or absent management
- Design/site marine managed areas to increase human welfare



History of Databases that Capture Coral Reef and Marine Ecosystem Services

- National Ocean Economics Program's Non-Market Database (USA)
- Gulf of Mexico Ecosystem Values Database, The Harte Research Institute for Gulf of Mexico Studies (USA)
- The Ecosystem Values Database (TEEB), Ecosystem Services Partnership (EU)
- NOAA's Coral Reef Valuation Database (USA)
- Consvalmap.org Project, Conservation International



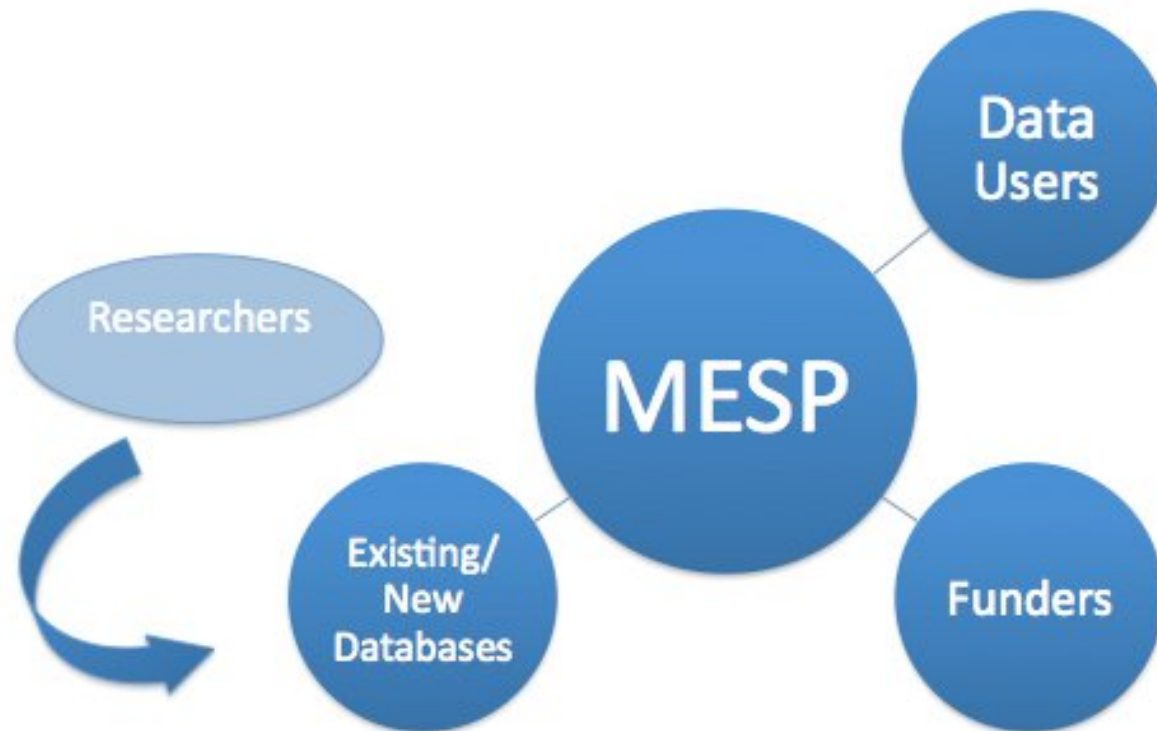
What is it?

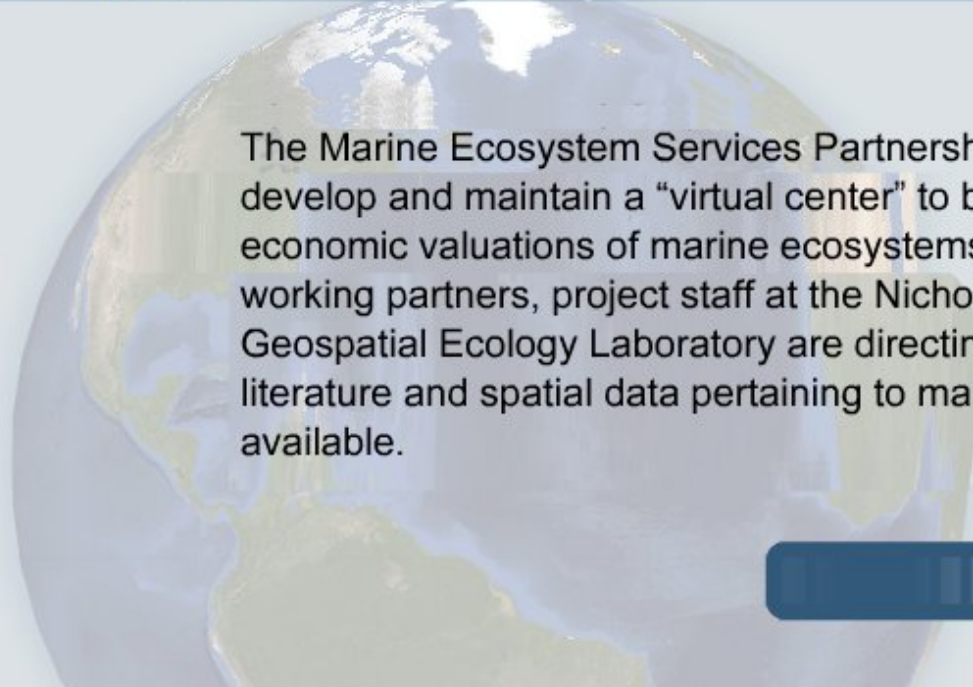


- Central repository and portal for ocean valuation data
- Spatial mapper for visualization and data entry
- Community of practice for diverse user groups



Why a community of practice?





The Marine Ecosystem Services Partnership (MESP) is a collaborative effort to develop and maintain a “virtual center” to better integrate our expanding library of economic valuations of marine ecosystems with marine policy needs. Guided by its working partners, project staff at the Nicholas Institute and Duke’s Marine Geospatial Ecology Laboratory are directing an organized online effort to make literature and spatial data pertaining to marine economic valuations freely available.





Core Schema, Future Expansion

1. Ecosystem type
 - a) Service valued
2. Spatial Location
3. Economic value estimate
4. Bibliographic information
5. Methodology
6. Value and currency
7. Year of study
8. Net present value



Ecosystem type ■

Service valued ■

Bibliographic information ■

Economic value estimate

Methodology

Value and currency

Year of study

Net present value

■ indicates required fields

Edit Ocean Valuation Data – Ecosystem Type & Service

Site Name (or suggested name) ■

Ecosystem Type ■

Service Valued ■

Locate the study area on the map below.

Please use this mapping tool to show the general location of the study area. In most cases, you should place a single marker (using the teardrop-shaped tool) in the center of the area. You can also set the magnification (zoom) to place the area clearly in context.





Next Steps...

