Ocean GeoPortal: An Educational and Data Harvesting Tool
A collaborative effort to build and share geospatial data and knowledge for research and education concerning our ocean planet

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Three Components

Educational Materials
- Static and Interactive maps
- Links to Educational websites with Marine Content
  NOAA
  Marine Conservation Biology Institute
  Center for Image Processing in Education
- Exercises and Virtual Field Trips

Basemaps
- Base layers (e.g., bathymetry, coastlines)
- Thematic layers (e.g., protected areas, salinity, temperature, species ranges, specimen collections)
- Free and Easy access to public datasets
- Cost-sharing and collaboration for creating or improving data
- Open publishing of layers by all groups
- Data standards for core layers
- Produce print and web atlases

Ocean Geography Portal
- Software components
  - GIS Portal Toolkit 9.3
  - ArcGIS Server w/ Map Viewer
  - ArcCatalog & ArcSDE with SQL Server
- Metadata Gateway to multiple sites w/ ArcIMS, FTP, Google & other spatial data
- Map Viewer
- Spatial Data Harvesting Workspace
  - Governmental agencies-GOS/OCM
  - Oceanographic Research Institutes
  - Sea Grant Colleges
  - Non-governmental organizations
- Find, download, review, evaluate, and publish data, tools and maps
- Make maps by combining map services
- Compare global data to regional studies