

AN OCEAN OF INFORMATION FOR OFFSHORE PLANNING

MarineCadastre.gov



Coastal managers and energy developers must consider geospatial data and scientific research from a host of sources when making decisions—often under tight deadlines. MarineCadastre.gov provides spatial data, visualization, and analytical tools in one location, making it an essential tool for ocean energy and marine planning. The website provides authoritative and regularly updated information on offshore boundaries, infrastructure, human uses, natural resources, energy potential, Bureau of Ocean Energy Management-funded research projects, and many other data sets. Users can create and customize maps to share with ocean-planning partners.

MarineCadastre.gov provides the following:

- Hundreds of ocean and coastal data layers
- Thematic and regional maps
- Story Maps
- National data viewer
- Offshore planning tools
- User stories
- How-to guides and technical support
- Related news and updates



MARINECADASTRE.GOV PRODUCTS

Data

With over 300 layers, MarineCadastre.gov provides direct access to the authoritative and trusted data sets organizations need for ocean planning, tasks that include locating offshore energy, developing marine protected areas, and addressing use conflicts.

Tools

- National Viewer: Provides ocean-related data and information from authoritative sources to support ocean-planning efforts
- OceanReports: Generates custom reports with summary statistics and infographics for six main topic areas for all U.S. waters.
- Ocean Law: Allows users to search a database of environmental and historic preservation statutes, legislative histories, cases, and other documents on the Outer Continental Shelf
- Environmental Studies Program Information System: Provides access to relevant BOEM-funded studies information, including downloadable study profiles, technical summaries, final reports, and links to publications and digital data
- AIS Track Builder: Converts a collection of point features into a track line according to date, time, and an identifier

Examples of Use

- Map and identify areas for potential offshore energy leasing
 - Reveal potential use conflicts
 - Gather relevant data in one location
 - Inform the public about existing and potential offshore plans
 - Map ship noise and routes
 - Enable a network of national and local information sharing
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