

New Hampshire / Southern Maine Ocean Uses Atlas

Metadata:

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Identification_Information:

Citation:

Citation_Information:

Originator:

Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), Ocean and Coastal Resource Management (OCRM), National Marine Protected Areas Center (MPAC)

Publication_Date:

20100308

Title:

New Hampshire / Southern Maine Ocean Uses Atlas

Geospatial_Data_Presentation_Form:

vector digital data

Publication_Information:

Publication_Place:

Monterey, CA

Publisher:

NOAA's Ocean Service, National Marine Protected Areas Center (MPAC)

Online_Linkage:

http://mpa.gov/science_analysis/atlas.html

Online_Linkage:

http://www.crrc.unh.edu/workshops/ocean_uses/index.html

Description:

Abstract:

The Ocean Uses Atlas Project is an innovative partnership between the Coastal Response Research Center (CRRC) and NOAA's Office of Ocean and Coastal Resource Management (OCRM). The Project was designed to enhance ocean management through geospatial data on the full range of significant human uses of the ocean environment from the shorelines of New Hampshire and Southern Maine to the EEZ boundary. The data were gathered from regional ocean experts and users through participatory GIS methods. For more information on the

project scope, background and related data products, please visit
http://www.crrc.unh.edu/workshops/ocean_uses/index.html or www.mpa.gov/science_analysis/atlas.html.

Purpose:

The New Hampshire / Southern Maine Ocean Uses Atlas Project fills a critical information gap in ocean management by providing an unprecedented, comprehensive, consistent and spatially explicit picture of human uses for management agencies, policy makers and stakeholders interested in sound and equitable ocean governance. Using participatory GIS concepts and applications, the Atlas Project generated spatial data and map products illustrating patterns, intensity, and temporal changes in a wide range of human uses in three broad categories of use: (i) fishing, (ii) non-consumptive, and (iii) industrial activities. The resulting datasets depict patterns of ocean use on a broad scale appropriate for a variety of ocean planning and management needs. Specifically, the data will be used in the Environmental Response Management Application (ERMA) during the March 2010 Spill of National Significance (SONS) drill.

Time_Period_of_Content:

Time_Period_Information:

Single_Date/Time:

Calendar_Date:
20100308

Currentness_Reference:
publication date

Status:

Progress:
Complete

Maintenance_and_Update_Frequency:
As needed

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate:
-70.955177

East_Bounding_Coordinate:
-67.457981

North_Bounding_Coordinate:
43.946476

South_Bounding_Coordinate:
42.812529

Keywords:

Theme:

Theme_Keyword_Thesaurus:
ISO 19115 Topic Category

Theme_Keyword:

environment

Theme_Keyword:

geoscientificInformation

Theme_Keyword:

oceans

Theme_Keyword:

society

Theme:

Theme_Keyword_Thesaurus:

None

Theme_Keyword:

Human Uses

Theme_Keyword:

Industrial Use

Theme_Keyword:

Non-Consumptive Use

Theme_Keyword:

Ocean Use

Theme_Keyword:

Fishing

Theme_Keyword:

Beach Use

Theme_Keyword:

Boating

Theme_Keyword:

Paddling

Theme_Keyword:

Tidepooling

Theme_Keyword:

Sailing

Theme_Keyword:

Scuba

Theme_Keyword:

Snorkeling

Theme_Keyword:

Swimming

Theme_Keyword:

Water Sports

Theme_Keyword:

Wildlife Viewing

Theme_Keyword:

Benthic Fishing with Fixed Gear

Theme_Keyword:

Benthic Fishing with Mobile Gear

Theme_Keyword:

Commercial Dive Fishing

Theme_Keyword:

Commercial Pelagic Fishing

Theme_Keyword:

Commercial Kelp and Algae Harvest

Theme_Keyword:

Commercial Lobster Fishing

Theme_Keyword:

Kayak Fishing

Theme_Keyword:

Shore Fishing

Theme_Keyword:

Recreational Dive Fishing

Theme_Keyword:

Recreational Boat Fishing

Theme_Keyword:

Recreational Harvest

Theme_Keyword:

Offshore Alternative Energy

Theme_Keyword:

Aquaculture

Theme_Keyword:

Underwater Cables

Theme_Keyword:

Cruise Ships

Theme_Keyword:

Military Operations

Theme_Keyword:

Mining and Mineral Extraction

Theme_Keyword:

Offshore Oil and Gas

Theme_Keyword:

Shipping

Theme_Keyword:

Spill Response

Theme:

Theme_Keyword_Thesaurus:

NOS Data Explorer Topic Category

Theme_Keyword:

Socioeconomics

Place:

Place_Keyword_Thesaurus:

None

Place_Keyword:

New Hampshire

Place_Keyword:

Maine

Place_Keyword:

Gulf of Maine

Place_Keyword:

Casco Bay

Place_Keyword:

Atlantic Ocean

Place_Keyword:

Exclusive Economic Zone

Place_Keyword:

East Coast

Access_Constraints:

None.

Use_Constraints:

Atlas data describe broad uses of the ocean, and are not intended to be used for navigational purposes or provide information on regulations affecting human activities.

Point_of_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization:

Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), Ocean and Coastal Resource Management (OCRM), National Marine Protected Areas Center (MPAC)

Contact_Person:

Mimi D'Iorio

Contact_Position:

GIS and Database Manager

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(831)242-2051

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Mimi.Diorio@noaa.gov

Native_Data_Set_Environment:

Microsoft Windows XP Version 5.1 (Build 2600) Service Pack 3; ESRI ArcCatalog 9.2.6.1500

Program_Affiliation:

Program_Name:

National Ocean Service Data Explorer

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Spatial_Reference_Information:

Horizontal_Coordinate_System_Definition:

Planar:

Map_Projection:

Map_Projection_Name:

Albers Conical Equal Area

Albers_Conical_Equal_Area:

Standard_Parallel:

18.000000

Standard_Parallel:

42.000000

Longitude_of_Central_Meridian:

-72.000000

Latitude_of_Projection_Origin:

30.000000

False_Easting:

0.000000

False_Northing:

0.000000

Planar_Coordinate_Information:

Planar_Coordinate_Encoding_Method:

coordinate pair

Coordinate_Representation:

Abscissa_Resolution:

0.000001

Ordinate_Resolution:

0.000001

Planar_Distance_Units:
meters

Geodetic_Model:

Horizontal_Datum_Name:
North American Datum of 1983

Ellipsoid_Name:
Geodetic Reference System 80

Semi-major_Axis:
6378137.000000

Denominator_of_Flattening_Ratio:
298.257222

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Entity_and_Attribute_Information:

Overview_Description:

Entity_and_Attribute_Overview:

The New Hampshire / Southern Maine Ocean Uses Atlas bins human use data into 3 sectors: fishing, industrial, and non-consumptive. Each sector has a unique dataset, and expanded information on use definitions and data processes for each sector can be found in each dataset's metadata file. Ancillary datasets used for processing and analysis are also included. Fishing dataset - contains data on commercial dive fishing, commercial fishing with benthic fixed gear, commercial fishing with benthic mobile gear, commercial kelp and algae harvest, commercial lobster fishing, commercial pelagic fishing, kayak fishing, shore-based fishing, recreational dive fishing, recreational fishing from boats - benthic species, recreational fishing from boats - pelagic species, and shore-based recreational harvest; Industrial dataset - contains data on aquaculture, cruise ships, military operations, mining and mineral extraction, offshore alternative energy, offshore oil and gas, shipping, and underwater cables; Non-Consumptive dataset - contains data on beach use, motorized boating, paddling, sailing, scuba and snorkeling, surface water sports, swimming, tidepooling, and wildlife viewing at sea; Ancillary dataset - contains project boundaries and shoreline; All use datasets contain a field that reflects the use name, and a value of 1 for that field indicates a "yes" for the use's presence.

Entity_and_Attribute_Detail_Citation:

For more information on use definitions and types, see the readme document supplied with the data or visit http://www.crrc.unh.edu/workshops/ocean_uses/index.html.

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Distribution_Information:

Distributor:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization:

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Resource_Description:

Downloadable Data

Distribution_Liability:

Atlas data describe broad uses of the ocean, and are not intended to be used for navigational purposes or provide information on regulations affecting human activities.

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Metadata_Reference_Information:

Metadata_Date:

20100411

Metadata_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization:

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Atlas GIS Specialist

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Metadata_Standard_Name:

FGDC Content Standards for Digital Geospatial Metadata

Metadata_Standard_Version:

FGDC-STD-001-1998

Metadata_Time_Convention:

local time

Metadata_Extensions:

Online_Linkage:

http://www.ncddc.noaa.gov/metadataresource/metadata-references/files/ncddcmdprofile_v2.pdf

Profile_Name:

Content Specification for Metadata in the National Coastal Data Development Center's Data Catalog Version 2.0

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