Biscayne National Park Map Merge Project

Metadata also available as - [Parseable text]

Metadata:

- Identification_Information
- Metadata_Reference_Information
- Distribution_Information
- Spatial_Data_Organization_Information
- Data_Quality_Information
- City
- City
- City
- Entity_and_Attribute_Information
- Spatial_Reference_Information

Identification_Information:

Native_Data_Set_Environment:
Microsoft Windows XP Version 5.1 (Build 2600) Service Pack 3; ESRI ArcCatalog
9.3.1.3000

Description:

Abstract:

PhotoScience Inc. produced a map of the extent and distribution of benthic habitats throughout Biscayne Bay in 2009. This shapefile consists of a portion of the original map clipped to the Biscayne National Park (BISC) boundary. The shapefile was then merged with an offshore map originally produced by Avineon Inc. in 2008 and refined by the South Florida / Caribbean Network in 2011. The publisher performed minor modifications and two accuracy evaluations of the clipped inshore portion. The offshore map was clipped to the park boundary before the merge, but no other modification was made to that portion of the map.

Purpose:

The Biscayne National Park Map Merge Project aimed to clip a portion of the original PhotoScience Inc. map from 2009 to the BISC boundary. This shapefile was then merged with an offshore map produced by Avineon in 2008 and modified by the South Florida / Caribbean Network (SFCN) of the National Park Service (NPS) in 2011. The merged product is a complete map of the benthic habitats within BISC. The publisher also clipped the vegetation map produced by the SFCN and Florida International University in 2013. This product is complementary to the benthic habitat map, and together the two products provide a map of the ecosystems present in BISC.

Citation:

Citation_Information:

Originator: National Park Service
Publication_Date: 20130603
Title: Biscayne National Park Map Merge Project
Geospatial_Data_Presentation_Form: vector digital data
Publication_Information:
Publisher: National Park Service South Florida/Caribbean Network
Publication Place: Palmetto Bay, FL
Online_Linkage: https://irma.nps.gov/App/Reference/Profile/2194204
Time_Period_of_Content:
Currentness_Reference: Publication date
Time_Period_Information:
Single_Date/Time:
Calendar_Date: 20130423
Status:
Progress: Complete
Maintenance_and_Update_Frequency: None Planned
Keywords:
Theme:
Theme_Keyword_Thesaurus: ISO 19115 Topic Category
Theme_Keyword: biota
Theme_Keyword: environment
Theme_Keyword: geoscientificInformation
Theme:
Theme_Keyword_Thesaurus: EPA GIS Keyword Thesaurus
Theme_Keyword: Biology
Theme_Keyword: Conservation
Theme_Keyword: Ecology
Theme_Keyword: Ecosystem
Theme_Keyword: Environment
Theme_Keyword: Estuary
Theme_Keyword: Land
Theme_Keyword: Marine
Theme_Keyword: Monitoring
Theme_Keyword: Natural Resources
Place:
Place_Keyword_Thesaurus: None
Place_Keyword: Biscayne National Park
Place_Keyword: Florida
Place_Keyword: Southeast Region
Place_Keyword: United States
Use_Constraints:
None. Please check sources, scale, accuracy, currentness and other available information. Please confirm that you are using the most recent copy of both data and metadata. Acknowledgement of the EPA would be appreciated.
Security_Information:
Security_Classification_System: FIPS Pub 199
Security_Classification: No Confidentiality
Security_Handling_Description: Standard Technical Controls

Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: National Park Service, South Florida/Caribbean Network
Contact_Person: Andy Davis
Contact_Position: Marine Biotech
Contact_Address:
Address_Type: mailing and physical address
Address: 18001 Old Cutler Rd, Suite 419
City: Palmetto Bay
State_orProvince: FL
Postal_Code: 33157
Contact_Voice_Telephone: 305-252-0347
Contact_Electronic_Mail_Address: andy_davis@nps.gov
Contact_Instructions: <http://science.nature.nps.gov/im/units/sfcn/>

Spatial_Domain:
Bounding_Coordinates:
West_Bounding_Coordinate: -80.346702
East_Bounding_Coordinate: -80.091157
North_Bounding_Coordinate: 25.669517
South_Bounding_Coordinate: 25.292953

Metadata_Reference_Information:
Metadata_Standard_Name: FGDC Content Standard for Digital Geospatial Metadata
Metadata_Time_Convention: local time
Metadata_Date: 20130603
Metadata_Future_Review_Date: 20170603
Metadata_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: National Park Service, South Florida/Caribbean Network
Contact_Person: Andy Davis
Contact_Position: Marine Biotech
Contact_Address:
Address_Type: mailing and physical address
Address: 18001 Old Cutler Rd, Suite 419
City: Palmetto Bay
State_orProvince: FL
Postal_Code: 33157
Contact_Voice_Telephone: 305-252-0347
Contact_Electronic_Mail_Address: andy_davis@nps.gov
Contact_Instructions: <http://science.nature.nps.gov/im/units/sfcn/>
**Distribution Information:**

**Resource Description:** Downloadable Data

**Distribution Liability:**

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**Distributor:**

**Contact Information:**

**Contact Organization Primary:**

**Contact Organization:** National Park Service, South Florida/Caribbean Network

**Contact Person:** Judd Patterson

**Contact Position:** GIS Specialist

**Contact Address:**

**Address Type:** mailing and physical address

**Address:** 18001 Old Cutler Rd, Suite 419

**City:** Palmetto Bay

**State or Province:** FL

**Postal Code:** 33157

**Contact Voice Telephone:** 305-252-0347

**Contact Electronic Mail Address:** judd_patterson@nps.gov

**Contact Instructions:** [http://science.nature.nps.gov/im/units/sfcn/](http://science.nature.nps.gov/im/units/sfcn/)

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**Spatial Data Organization Information:**

**Direct Spatial Reference Method:** Vector

**Point and Vector Object Information:**

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**Data Quality Information:**

**Logical Consistency Report:** Map evaluated by two methods as >80% accurate

**Positional Accuracy:**

**Horizontal Positional Accuracy:**

**Horizontal Positional Accuracy Report:**

Data were collected using methods that are accurate to within 101-200 meters

**Completeness Report:** Features represented have not been tested for completeness
Lineage:

Process_Step:
Process_Date: 2010
Process_Description: PhotoScience Inc. produced original map of Biscayne Bay

Process_Step:
Process_Date: 2012
Process_Description: The SFCN / NPS clipped the PhotoScience Inc. 2010 map to the BISC boundaries

Process_Step:
Process_Date: 2013
Process_Description: The SFCN / NPS performed two accuracy evaluations of the clipped map with an overall accuracy > 80%

Process_Step:
Process_Date: 2013
Process_Description: The SFCN / NPS merged this map with an offshore map

City: Palmetto Bay

City: Palmetto Bay

City: Palmetto Bay

Entity_and_Attribute_Information:
Detailed_Description:
Entity_Type:
Entity_Type_Label: BNP_Detailed_Map
Attribute:
Attribute_Label: OBJECTID
Attribute_Definition: Internal feature number.
Attribute_Definition_Source: ESRI
Unrepresentable_Domain:
Sequential unique whole numbers that are automatically generated.
Attribute:
Attribute_Label: FIRST_ClassLv0
Attribute:
Attribute_Label: FIRST_ClassLv1
Attribute:
Attribute_Label: FIRST_ClassLv2
Attribute:
Attribute_Label: FIRST_ClassLv3
Attribute:
Attribute_Label: FIRST_ClassLv4
Attribute:
Attribute_Label: FIRST_GeoForm
**Attribute:**
**Attribute_Label:** FIRST_GeoformDetail
**Attribute:**
**Attribute_Label:** FIRST_GeoformDetail2
**Attribute:**
**Attribute_Label:** Shape
**Attribute_Definition:** Feature geometry.
**Attribute_Definition_Source:** Esri
**Attribute_Domain_Values:**
**Unrepresentable_Domain:** Coordinates defining the features.
**Attribute:**
**Attribute_Label:** Shape_Length
**Attribute_Definition:** Length of feature in internal units.
**Attribute_Definition_Source:** Esri
**Attribute_Domain_Values:**
**Unrepresentable_Domain:** Positive real numbers that are automatically generated.
**Attribute:**
**Attribute_Label:** Shape_Area
**Attribute_Definition:** Area of feature in internal units squared.
**Attribute_Definition_Source:** Esri
**Attribute_Domain_Values:**
**Unrepresentable_Domain:** Positive real numbers that are automatically generated.

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**Spatial_Reference_Information:**
**HorizontalCoordinateSystemDefinition:**
**Planar:**
**MapProjection:**
**MapProjectionName:** WGS 1984 Web Mercator Auxiliary Sphere
**MapProjectionParameters:**
**OtherProjection'sDefinition:**
PROJCS["WGS_1984_Web_Mercator_Auxiliary_Sphere",GEOGCS["GCS_WGS_1984",DATUM["D_WGS_1984"],SPHEROID["WGS_1984",6378137.0,298.257223563]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],PROJECTION["Mercator_Auxiliary_Sphere"],PARAMETER["False_Easting",0.0],PARAMETER["False_Northing",0.0],PARAMETER["Central_Meridian",0.0],PARAMETER["Standard_Parallel_1",0.0],PARAMETER["Auxiliary_Sphere_Type",0.0],UNIT["Meter",1.0],AUTHORITY["EPSG",3857]]
**PlanarCoordinateInformation:**
**PlanarCoordinateEncodingMethod:** coordinate pair
**CoordinateRepresentation:**
**AbscissaResolution:** 0.0001
**OrdinateResolution:** 0.0001
**PlanarDistanceUnits:** meter
**GeodeticModel:**
**HorizontalDatumName:** D WGS 1984
**EllipsoidName:** WGS 1984
Semi-major Axis: 6378137.0
Denominator of Flattening Ratio: 298.257223563

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