

Biscayne National Park Map Merge Project

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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

Access_Constraints: Limited Access. Draft.

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_or_Province: 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_Standard_Version: FGDC-STD-001-1998
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_or_Province: 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/>>

Spatial_Data_Organization_Information:

Direct_Spatial_Reference_Method: Vector

Point_and_Vector_Object_Information:

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

Attribute_Domain_Values:

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.

Spatial_Reference_Information:

Horizontal_Coordinate_System_Definition:

Planar:

Map_Projection:

Map_Projection_Name: WGS 1984 Web Mercator Auxiliary Sphere

Map_Projection_Parameters:

Other_Projection's_Definition:

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]]

Planar_Coordinate_Information:

Planar_Coordinate_Encoding_Method: coordinate pair

Coordinate_Representation:

Abscissa_Resolution: 0.0001

Ordinate_Resolution: 0.0001

Planar_Distance_Units: meter

Geodetic_Model:

Horizontal_Datum_Name: D WGS 1984

Ellipsoid_Name: WGS 1984

Semi-major_Axis: 6378137.0

Denominator_of_Flattening_Ratio: 298.257223563

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