Biscayne National Park Map Merge Project

Metadata also available as - [Parseable text]

Metadata:

- Identification_Information
- Metadata_Reference_Information
- Distribution_Information
- Spatial_Data_Organization_Information
- Spatial_Reference_Information
- Entity_and_Attribute_Information
- Data_Quality_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
Spatial Domain:
Bounding Coordinates:
West Bounding Coordinate: -80.441763
East Bounding Coordinate: -79.978945
North Bounding Coordinate: 25.977206
South Bounding Coordinate: 25.328579
Keywords:
Theme:
Theme Keyword Thesaurus: ISO 19115 Topic Category
Theme Keyword: biota
Theme Keyword: environment
Theme Keyword: geoscientific information
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

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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
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Distribution Information:
Resource_Description: Downloadable Data

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Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Vector
Point_and_Vector_Object_Information:

Spatial_Reference_Information:
HorizontalCoordinateSystemDefinition:
Planar:
PlanarCoordinateInformation:
PlanarCoordinateEncodingMethod: coordinate pair
PlanarDistanceUnits: meters
CoordinateRepresentation:
AbscissaResolution: 0.000100
Ordinate Resolution: 0.000100
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
Vertical Coordinate System Definition:
Altitude System Definition:
Altitude Encoding Method:
Explicit elevation coordinate included with horizontal coordinates
Altitude Resolution: 0.000100

Entity and Attribute Information:
Detailed Description:
Entity Type:
Entity Type Label: Biscayne_2009
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: 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: Map_Class1
Attribute:
Attribute Label: Shape_area_acres
Attribute:
Attribute Label: Ha
Attribute:
Attribute Label: Level1
Attribute:
Attribute Label: Level2
Attribute:
Attribute_Label: Level3
Attribute:
Attribute_Label: Level4
Attribute:
Attribute_Label: Level5
Attribute:
Attribute_Label: Level6
Attribute:
Attribute_Label: Type
Attribute:
Attribute_Label: AUTHOR
Attribute:
Attribute_Label: RASTER_ID
Attribute:
Attribute_Label: L1
Attribute:
Attribute_Label: L2
Attribute:
Attribute_Label: L3
Attribute:
Attribute_Label: L4
Attribute:
Attribute_Label: L5
Attribute:
Attribute_Label: L6
Attribute:
Attribute_Label: Alt_Classification
Attribute:
Attribute_Label: Island
Attribute:
Attribute_Label: Map_Class
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.
Attribute:
Attribute_Label: Merge_Class

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

Generated by mp version 2.9.3 on Fri Jun 14 08:48:43 2013