

Please provide the following information, and submit to the NOAA DM Plan Repository.

Reference to Master DM Plan (if applicable)

As stated in Section IV, Requirement 1.3, DM Plans may be hierarchical. If this DM Plan inherits provisions from a higher-level DM Plan already submitted to the Repository, then this more-specific Plan only needs to provide information that differs from what was provided in the Master DM Plan.

URL of higher-level DM Plan (if any) as submitted to DM Plan Repository:

1. General Description of Data to be Managed

1.1. Name of the Data, data collection Project, or data-producing Program:

Gulf Sturgeon (polygon)

1.2. Summary description of the data:

These data represent the marine and estuarine critical habitat, Units 8 through 14, for Gulf Sturgeon as designated by Federal Register Vol. 68, No. 53, Wednesday, March 19, 2003, Rules and Regulations. There is a separate geospatial dataset that shows the riverine critical habitat, Units 1 through 7.

1.3. Is this a one-time data collection, or an ongoing series of measurements?

One-time data collection

1.4. Actual or planned temporal coverage of the data:

2003-12-24 00:00:00+0000

1.5. Actual or planned geographic coverage of the data:

W: -90.15426, E: -83.047743, N: 30.582624, S: 29.067248

1.6. Type(s) of data:

(e.g., digital numeric data, imagery, photographs, video, audio, database, tabular data, etc.)
Map (digital)

1.7. Data collection method(s):

(e.g., satellite, airplane, unmanned aerial system, radar, weather station, moored buoy, research vessel, autonomous underwater vehicle, animal tagging, manual surveys, enforcement activities, numerical model, etc.)

1.8. If data are from a NOAA Observing System of Record, indicate name of system:

1.8.1. If data are from another observing system, please specify:

2. Point of Contact for this Data Management Plan (author or maintainer)

2.1. Name:

Amanda L Frick

2.2. Title:

Metadata Contact

2.3. Affiliation or facility:

2.4. E-mail address:

amanda.frick@noaa.gov

2.5. Phone number:

727-824-5301

3. Responsible Party for Data Management

Program Managers, or their designee, shall be responsible for assuring the proper management of the data produced by their Program. Please indicate the responsible party below.

3.1. Name:

3.2. Title:

Data Steward

4. Resources

Programs must identify resources within their own budget for managing the data they produce.

4.1. Have resources for management of these data been identified?

4.2. Approximate percentage of the budget for these data devoted to data management (specify percentage or "unknown"):

5. Data Lineage and Quality

NOAA has issued Information Quality Guidelines for ensuring and maximizing the quality, objectivity, utility, and integrity of information which it disseminates.

5.1. Processing workflow of the data from collection or acquisition to making it publicly accessible

(describe or provide URL of description):

Process Steps:

- 2003-12-24 00:00:00 - The base shoreline data set used in this process was the Coastal Assessment Framework shapefile from NOAA/NOS/SPO. Additional reference data sets included Mr SID CIR Imagery of the Lake Pontchartrain Causeway from www.atlas.lsu.edu, TIGER Line shapefiles of roads in Louisiana and Florida from www.geographynetwork.com and road and railroad shapefiles in Mississippi from MARIS. Maptech's Digital Chart Kit, Regions 8 and 17 featuring

NOAA Digital Charts and a text description of the 72 COLREGS Demarcation lines from www.navcen.uscg.gov/mwv/regulations/33CFR080/33CFR80_GCD08.htm were also used. These additional layers were used to designate boundaries on individual units as dictated by the critical habitat designations described in the Federal Register Document. Inland units were created by digitizing a polygon slightly larger than the water body it represented. The new polygons were then "edit clipped" to the shoreline to exactly match the shoreline. In areas where the entire water body was not included, the boundaries were drawn following the feature described in Federal Register document. (Ex. The Lake Pontchartrain Causeway was digitized from the Mr SID's and used as the western boundary of the polygon. Bays with adjacent rivers or bayous that were excluded had their boundaries created by drawing a straight line across the river's mouth as dictated by the Document.) Every effort was made to exclude features at locations consistent with the descriptions in the Document. Near shore units were created by creating a 1 nautical mile buffer of the coastline (9nm in the case of the Suwannee Sound) or barrier island as indicated by the Document. The seaward side of these buffers was used as the southern boundary of the units. For the passes between islands, line segments were digitized to represent the 72 COLREGS Demarcation lines and 1 nautical mile buffers were created from those lines. Those buffers were merged with the buffers of the islands to complete the southern boundaries of the units. Every effort was made to accurately follow the descriptions of the 72 COLREGS lines. Whenever coordinates were used in the description, those coordinates were used in the creation of the buffers. When no coordinates were given, the lines/buffers were created by following the descriptions in the text. The Maptech software was used primarily as a guide to locate areas by name. The digital charts were also useful for accuracy evaluation in placement of the 72 COLREGS lines, as they were visible on the charts and could be compared to the lines digitized from text descriptions.

5.1.1. If data at different stages of the workflow, or products derived from these data, are subject to a separate data management plan, provide reference to other plan:

5.2. Quality control procedures employed (describe or provide URL of description):

6. Data Documentation

The EDMC Data Documentation Procedural Directive requires that NOAA data be well documented, specifies the use of ISO 19115 and related standards for documentation of new data, and provides links to resources and tools for metadata creation and validation.

6.1. Does metadata comply with EDMC Data Documentation directive?

No

6.1.1. If metadata are non-existent or non-compliant, please explain:

Missing/invalid information:

- 1.7. Data collection method(s)
- 3.1. Responsible Party for Data Management
- 4.1. Have resources for management of these data been identified?
- 4.2. Approximate percentage of the budget for these data devoted to data management
- 5.2. Quality control procedures employed
- 7.1. Do these data comply with the Data Access directive?
 - 7.1.1. If data are not available or has limitations, has a Waiver been filed?
 - 7.1.2. If there are limitations to data access, describe how data are protected
- 7.2. Name of organization of facility providing data access
 - 7.2.1. If data hosting service is needed, please indicate
- 7.3. Data access methods or services offered
- 7.4. Approximate delay between data collection and dissemination
- 8.1. Actual or planned long-term data archive location
- 8.2. Data storage facility prior to being sent to an archive facility
- 8.3. Approximate delay between data collection and submission to an archive facility
- 8.4. How will the data be protected from accidental or malicious modification or deletion prior to receipt by the archive?

6.2. Name of organization or facility providing metadata hosting:

NMFS Office of Science and Technology

6.2.1. If service is needed for metadata hosting, please indicate:

6.3. URL of metadata folder or data catalog, if known:

<https://www.fisheries.noaa.gov/inport/item/65365>

6.4. Process for producing and maintaining metadata

(describe or provide URL of description):

Metadata produced and maintained in accordance with the NOAA Data Documentation Procedural Directive: https://nosc.noaa.gov/EDMC/DAARWG/docs/EDMC_PD-Data_Documentation_v1.pdf

7. Data Access

NAO 212-15 states that access to environmental data may only be restricted when distribution is explicitly limited by law, regulation, policy (such as those applicable to personally identifiable information or protected critical infrastructure information or proprietary trade information) or by security requirements. The EDMC Data Access Procedural Directive contains specific guidance, recommends the use of open-standard, interoperable, non-proprietary web services, provides information about resources and tools to enable data access, and includes a Waiver to be submitted to justify any approach other than full, unrestricted public access.

7.1. Do these data comply with the Data Access directive?

7.1.1. If the data are not to be made available to the public at all, or with limitations, has a Waiver (Appendix A of Data Access directive) been filed?

7.1.2. If there are limitations to public data access, describe how data are protected from unauthorized access or disclosure:

7.2. Name of organization of facility providing data access:

7.2.1. If data hosting service is needed, please indicate:

7.2.2. URL of data access service, if known:

<https://www.fisheries.noaa.gov/resource/map/gulf-sturgeon-critical-habitat-map-and-gis-data>

7.3. Data access methods or services offered:

7.4. Approximate delay between data collection and dissemination:

7.4.1. If delay is longer than latency of automated processing, indicate under what authority data access is delayed:

8. Data Preservation and Protection

The NOAA Procedure for Scientific Records Appraisal and Archive Approval describes how to identify, appraise and decide what scientific records are to be preserved in a NOAA archive.

8.1. Actual or planned long-term data archive location:

(Specify NCEI-MD, NCEI-CO, NCEI-NC, NCEI-MS, World Data Center (WDC) facility, Other, To Be Determined, Unable to Archive, or No Archiving Intended)

8.1.1. If World Data Center or Other, specify:

8.1.2. If To Be Determined, Unable to Archive or No Archiving Intended, explain:

8.2. Data storage facility prior to being sent to an archive facility (if any):

St Petersburg, FL

8.3. Approximate delay between data collection and submission to an archive facility:

8.4. How will the data be protected from accidental or malicious modification or deletion prior to receipt by the archive?

Discuss data back-up, disaster recovery/contingency planning, and off-site data storage

relevant to the data collection

9. Additional Line Office or Staff Office Questions

Line and Staff Offices may extend this template by inserting additional questions in this section.