

*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:**

Green sturgeon Southern DPS critical habitat for use in ESA/FIFRA consultations

### **1.2. Summary description of the data:**

These data represent the critical habitat for the green sturgeon (Southern DPS) designated under the Endangered Species Act on October 9, 2009 (74 FR 52300). The official NMFS critical habitat (SturgeonGreen\_SouthernDPS\_20091009) for this sturgeon is comprised of both polygon data and line data; together the polygons and lines represent the entire final critical habitat designation. From line data: Critical habitat in freshwater riverine areas includes the stream channels and a lateral extent as defined by the ordinary high-water line (33 CFR 329.11). In areas for which the ordinary high-water line has not been defined pursuant to 33 CFR 329.11, the lateral extent is defined by the bankfull elevation. Bankfull elevation is the level at which water begins to leave the channel and move into the floodplain and is reached at a discharge which generally has a recurrence interval of 1 to 2 years on the annual flood series. Critical habitat in bays and estuaries includes tidally influenced areas as defined by the elevation of mean higher high water (MHHW). No areas were deemed ineligible for designation. No unoccupied areas were designated. 14 areas based on economic impacts and 5 areas based on national security impacts were excluded from this critical habitat designation and clipped out of the data. The following tribal lands were excluded from this designation, but were not clipped out of the data: (1) Cachil DeHe Band of Wintun Indians of the Colusa Indian Community, California (2) Cher-Ae Heights Trinidad Rancheria, California (3) Confederated Tribes of the Coos, Lower Umpqua, and Siuslaw, Oregon (4) Coquille Indian Tribe, Oregon (5) Hoh Tribe, Washington (6) Jamestown S' Klallam Tribe, Washington (7) Lower Elwha Tribe, Washington (8) Makah Tribe, Washington (9) Quileute Tribe, Washington (10) Quinault Tribe, Washington (11) Shoalwater Bay Tribe, Washington (12) Wiyot Tribe, California (13) Yurok Tribe, California. From polygon data: Critical habitat in bays and estuaries includes tidally influenced areas as defined by the elevation of mean higher high water (MHHW). The boundary between coastal marine areas and bays and estuaries is delineated by the COLREGS lines (33 CFR 80). Critical habitat in coastal marine areas is defined by the zone between the 60 fathom (fm) depth bathymetry line and the line on shore reached

by mean lower low water (MLLW), or to the COLREGS lines. No areas were deemed ineligible for designation. No unoccupied areas were designated. 14 areas based on economic impacts and 5 areas based on national security impacts were excluded from this critical habitat designation and clipped out of the data. The following tribal lands were excluded from this designation, but were not clipped out of the data:(1) Cachil DeHe Band of Wintun Indians of the Colusa Indian Community, California(2) Cher-Ae Heights Trinidad Rancheria, California(3) Confederated Tribes of the Coos, Lower Umpqua, and Siuslaw, Oregon(4) Coquille Indian Tribe, Oregon(5) Hoh Tribe, Washington(6) Jamestown S'Klallam Tribe, Washington(7) Lower Elwha Tribe, Washington(8) Makah Tribe, Washington(9) Quileute Tribe, Washington(10) Quinault Tribe, Washington(11) Shoalwater Bay Tribe, Washington(12) Wiyot Tribe, California(13) Yurok Tribe, California

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

**1.4. Actual or planned temporal coverage of the data:**

**1.5. Actual or planned geographic coverage of the data:**

W: -124.332992, E: -121.241382, N: 47.095307, S: 37.439815

W: -124.332992, E: -121.241382, N: 47.095307, S: 37.439815

W: -124.332992, E: -121.241382, N: 47.095307, S: 37.439815

W: -124.859937, E: -120.986071, N: 48.689942, S: 36.417225

**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:**

Karrin Goodman

**2.2. Title:**

Metadata Contact

**2.3. Affiliation or facility:****2.4. E-mail address:**

karrin.goodman@noaa.gov

**2.5. Phone number:****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:**

Karrin Goodman

**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:

- 2009-10-05 00:00:00 - The data was created by extracting stream lines from National Hydrography Dataset (NHD) medium resolution shapefile that represented green sturgeon critical habitat. This dataset's features were modified to better match up to the corresponding estuaries and were cut at locations where the NMFS Critical Habitat Review Team (CHRT) determined green sturgeon have been observed or where head of tide was determined.
- 2020-05-21 00:00:00 - 2009 source data converted to NMFS ESA critical habitat national standard 2020. Geometry was not edited. Attributes were edited. Metadata was copied from 1 line file GreenSturgeonCHStreams.shp
- 2023-03-30 00:00:00 - As described above, this species' HUC-based critical habitat dataset was modified from the line- and polygon-based species "agency-official"

NMFS critical habitat data. This HUC-based critical habitat file represents the HUC-12 watersheds (USGS Watershed Boundary Dataset; <https://www.usgs.gov/national-hydrography/watershed-boundary-dataset>) that intersect with the “agency-official” critical habitat line-based and polygon-based data. The data were reviewed and revised to add any additional HUC-12 watersheds that were determined to have hydrologic connectivity to the critical habitat.

**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:

- 1.3. Is this a one-time data collection, or an ongoing series of measurements?
- 1.4. Actual or planned temporal coverage of the data
- 1.7. Data collection method(s)
- 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/72868>

**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](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:**

**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):**

### **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.*