

IEP Data Management Plan

Basic Information

Year: 2020; PEN: 329; Date Updated: 2019-05-03; Start Date: 2018-05-14

Study Title

Extracting better information from long-term monitoring data: estimating occupancy and abundance of near-shore fishes in the Sacramento-San Joaquin River Delta

Principal Investigator

Individual(s) responsible for the project. Include name, agency, e-mail, & phone.

Brian Mahardja, Fish Biologist, USFWS; brian_mahardja@fws.gov, Phone: (209) 242-5648

Point of Contact

Individuals who data users should contact for access to the data or questions about the data. Include name, agency, e-mail, & phone number or write "same as above."

Jonathan Speegle, Fish Biologist, DJFMP, Lodi Fish and Wildlife Office, US Fish and Wildlife Service; jonathan_speegle@fws.gov, Phone: (209) 334-2968 ext. 322

Data Description

A very brief description of the information to be gathered; the nature and scale of the data that will be generated or collected. Include approximate size (in MB) of the resulting data set.

This project aims to expand the DJFMP's monitoring and inference to other dominant habitats not sampled by beach seines through the use of boat electrofishing. The project will include electrofishing surveys performed across habitats, measurement of electrofishing capture probabilities, and use of capture probabilities to estimate abundance, occupancy, and effects of environmental drivers. Sampling will occur across all regions of the Delta at either random sites or near fixed seine sites. All fish collected are identified and recorded. In addition to fish information, electrofishing parameters and environmental data are collected. In some cases, additional data collection will occur (i.e. mark-recapture, ARIS footage, and GoPro camera footage). Data set size approx. 15MB.

Related Data

Optional. Existing datasets that you incorporate into analysis and reporting for this program element, existing data that are relevant to your study, or data that are collected simultaneously.

Metadata

A description of the metadata to be provided along with the generated data, including the metadata standards used. Provide the file name and information on how users can access the metadata (e.g., a link).

Storage and Backup

A description of the short-term storage methods and backup procedures for the data, including the physical and electronic resources to be used for the short-term storage of the data.

Archiving and Preservation

The procedures for long-term archiving and preservation of the data, including succession plans for the data should the expected archiving entity go out of existence.

Access and Sharing

A description of how data will be shared. Include (1) access procedures, (2) embargo periods, (3) technical mechanisms for dissemination (e.g., website addresses, listserv information), (3) whether access will be open or granted only to specific user groups, and (4) a timeframe for data sharing and publishing.

Format

Formats in which the data will be generated, maintained, and made available. Include BOTH general data type (e.g., spreadsheet, relational database) and file format (extension).

Quality Assurance

Brief description of procedures for ensuring data quality. Provide links to Quality Assurance Project Plan and/or QA/QC Standard Operating Procedures.

Rights and Requirements

A link to or instructions to locate the agency's rights and requirements for data use.