

IEP Data Management Plan

Basic Information

Year: 2020; PEN:208; Date Updated: 2019-05-02; Start Date: 2020-01-01

Study Title

Delta Smelt Life Cycle Model

Principal Investigator

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

Lara Mitchell, USFWS, lara_mitchell@fws.gov, (209) 334-2968

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."

Lara Mitchell (same as above); Leo Polansky, USFWS, leo_polansky@fws.gov, (916) 930-5620; Will Smith, USFWS, william_e_smith@fws.gov, (916) 930-5666; Vanessa Tobias, USFWS, vanessa_tobias@fws.gov, (209) 334-2968 x 404.

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.

No data are collected directly related to, or specifically for the DSLCM.

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.

We use fish data collected by CDFW surveys, including 20-mm Survey, Summer Towntet Survey, Fall Midwater Trawl Survey, Spring Midwater Trawl Survey, Spring Kodiak Trawl Survey, zooplankton data collected by the Environmental Monitoring Program, salvage data collected by the State Water Project and Central Valley Project, as well as Dayflow data, USGS OMR data, and CDEC turbidity data. We also use bathymetric data produced by a joint project between the USGS and CA DWR.

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).

Metadata for the raw data sets is available through the collecting agencies. Metadata on "clean" data prepared for model-fitting purposes (along with the code used to generate the "clean" data) is available from the Lodi Fish and Wildlife Office by request.

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.

The agencies collecting the raw data manage their own short-term storage methods and backup procedures. "Clean" data sets prepared for model-fitting purposes, and associated code files, are stored on computers in the Lodi Fish and Wildlife Office and backed up on FWS servers.

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.

The agencies collecting the raw data manage their own long-term archiving and preservation plans. "Clean" data sets prepared for model-fitting purposes, and associated code files, are stored on computers in the Lodi FWO office and backed up on FWS servers. If the FWS servers become unavailable in the future, the files will be transferred to an alternate home within the US Fish and Wildlife Service.

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.

The agencies collecting the raw data share their data through their websites (e.g., [CDFW](#), [CDEC](#), [USGS](#), [DWR](#)) and sometimes through direct requests. "Clean" data sets prepared for model-fitting purposes, and associated code files, are available from the Lodi Fish and Wildlife Office by request.

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).

Most raw data sets are available in the form of Microsoft Access databases, Microsoft Excel files, CSV files, or PDF files. Clean" data sets prepared for model-fitting purposes are available in CSV format, and the associated code files are available as R files.

Quality Assurance

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

The agencies collecting the raw data manage their own QA/QC activities. Clean" data sets prepared for model-fitting purposes, and associated code files, are available for review by request.

Rights and Requirements

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

[Data use rights and requirements for federal government datasets](#) can be found online.