

IEP Data Management Plan

Project Element Number:

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Study Title

Delta Smelt Life Cycle Model

Principal Investigator

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Point of Contact

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Data Description

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

Related Data

We use fish data collected by CDFW surveys, including 20-mm Survey, Summer Towntnet 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

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

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 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.

Format

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

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.

Access and Sharing

The agencies collecting the raw data share their data through their websites (e.g.,

- [CDFW Bay-Delta Studies and Surveys](https://www.wildlife.ca.gov/Conservation/Delta)
URL: <https://www.wildlife.ca.gov/Conservation/Delta>
- [CDEC Webservice JSON and CSV](http://cdec.water.ca.gov/dynamicapp/wsSensorData)
URL: <http://cdec.water.ca.gov/dynamicapp/wsSensorData>
- [USGWS National Water Information System \(NWIS\)](https://waterdata.usgs.gov/ca/nwis)
URL: <https://waterdata.usgs.gov/ca/nwis>
- [DWR Compliance and Monitoring Dayflow Data](https://water.ca.gov/Programs/Integrated-Science-and-Engineering/Compliance-Monitoring-And-Assessment/Dayflow-Data) and sometimes through direct requests. URL: <https://water.ca.gov/Programs/Integrated-Science-and-Engineering/Compliance-Monitoring-And-Assessment/Dayflow-Data>
- "Clean" data sets prepared for model-fitting purposes, and associated code files, are available from the Lodi Fish and Wildlife Office by request.

Rights and Requirements

Data use rights and requirements for federal government datasets can be found on the [Learn about copyrighted government works](https://www.usa.gov/copyrighted-government-works) web page.

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