

# You are here: mapping your journey to open data

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## Encourage Transparency & Collaboration



The Data Utilization Workgroup (DUWG) has made strides towards developing an **Open Science Framework** for the Interagency Ecological Program (IEP), starting with a focus on **Open Data**.



**Open data** is data that can be freely used, re-used and redistributed by anyone - subject only, at most, to the requirement to give credit and share any derived products.

Open Data increases effectiveness and productivity of the scientific community by making data broadly accessible for use in novel ways.

## Test Cases



Environmental Data Initiative  
<https://environmentaldatainitiative.org/>

- Assigns a DOI and a permanent link to each dataset
- Allows you to update your dataset when new versions are ready
- Has features that allow data portals to read your data
- No cost to you because of NSF funding
- Excellent user support



Search for "IEP" on the EDI Data Portal to find the test cases and any new IEP datasets

Interagency Ecological Program (IEP), B. Mahardja, J. Speegle. 2018. Interagency Ecological Program: Over four decades of juvenile fish monitoring data from the San Francisco Estuary, collected by the Delta Juvenile Fish Monitoring Program, 1976-2017. Environmental Data Initiative. <https://doi.org/10.6073/pasta/ea00fc370658dae21b817b1f93911cf>. **DJFMP**

Interagency Ecological Program (IEP), B. Schreier, B. Davis, N. Ikemiyagi. 2018. Interagency Ecological Program: Fish catch and water quality data from the Sacramento River floodplain and tidal slough, collected by the Yolo Bypass Fish Monitoring Program, 1998-2018. Environmental Data Initiative. <https://doi.org/10.6073/pasta/0ab359bec7b752c1f68621f5e1768eb6>. **YBFMP**

Interagency Ecological Program (IEP), S. Lesmeister, J. Rinde. 2019. Interagency Ecological Program: Discrete dissolved oxygen monitoring in the Stockton Deep Water Ship Channel, collected by the Environmental Monitoring Program, 1997-2018. Environmental Data Initiative. <https://doi.org/10.6073/pasta/4f754205-af605220e64534933fb5d47>. **EMP**

California Department of Fish and Wildlife, R. Hartman, S. Sherman, D. Contreras, D. Ellis. 2018. Fish catch, invertebrate catch, and water quality data from the Sacramento-San Joaquin Delta collected by the Fish Restoration Monitoring Program, 2015-2017. Environmental Data Initiative. <https://doi.org/10.6073/pasta/ab6a5e42d99a3bcbcd0ba13c1a4f9bd74>. **FRP**

## Discovery & Tracking



A **Digital Object Identifier (DOI)** gives each dataset a permanent location and name. This facilitates data discovery, citation, and tracking. It also helps data collectors receive credit for their contributions to papers and management decisions.

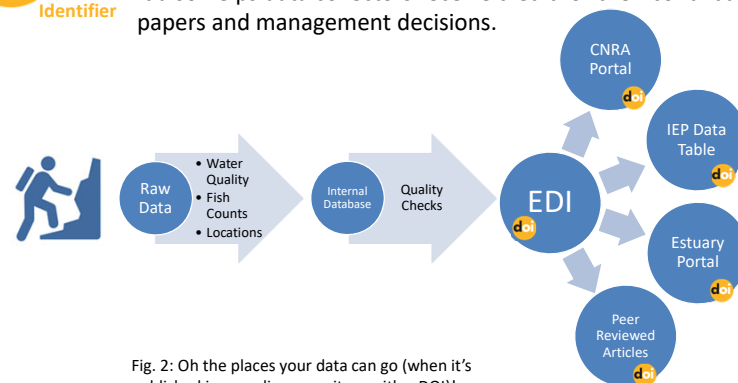


Fig. 2: Oh the places your data can go (when it's published in an online repository with a DOI)!

## Ready to join our data journey?



Materials from the open data workshop and templates for publishing your dataset can be found at:  
<https://github.com/InteragencyEcologicalProgram>

## A Path to Open Data

