

Data Management Plan

The proposed project is based on existing data sets. No data is created or gathered under this project. All of the data used in the project will be deposited to Biological & Chemical Oceanography Data Management Office (BCO-DMO) before the end of the project, but we reserve the right to embargo the data until a paper using the data are published in a peer-reviewed journal. Three data types will be included:

- (1) **Trawl data:** Catch per unit effort of fishes and invertebrates
- (2) **Gillnet data:** Catch per unit effort of fishes and invertebrates
- (3) **Environmental data:** Temperature, salinity, and turbidity

Each data point will be accompanied with species name and its mean length along with location and timing of sampling. Detailed sampling protocols will also be provided.

Other data to be used in the project are currently available to the public. These data are

- (1) River discharge rate (US Geological Survey)
- (2) Tide (National Oceanic and Atmospheric Administration)

For these data sets, metadata and links to the web page will be made available to the public through BCO-DMO.

All specific computer code written for the project will also be deposited to BCO-DMO database. All of the analyses will be done in MATLAB(c).

In addition, the statistical algorithms used for analysis and modeling and the corresponding input and output data will be submitted to BCO-DMO and published as online material in peer reviewed journals.