



SWAMP DATA MANAGEMENT TEAM

What is it?

The Data Management Team (DMT) is responsible for managing data from SWAMP funded State and Regional board projects. The DMT manages the SWAMP database and works to ensure that data of known and documented quality are available to managers and stakeholders in a timely manner.

SWAMP data are managed by the Marine Pollution Studies Laboratory at Moss Landing Marine Laboratories which is a consortium institution for seven California State University campuses. Once the data have gone through SWAMP completeness and verification processes, the data are exported to the California Environmental Data Exchange Network ([CEDEN](#)) database.

Why is it important?

The SWAMP receives data from multiple sources, including the State and Regional Boards as well as outside organizations that are required to submit SWAMP-comparable data. These data are needed by staff to conduct accurate assessments and make informed decisions regarding the State's water quality. If the data are not comparable or readily accessible they are often times difficult and time consuming to utilize. The DMT develops standardized procedures for data collection and management so that the data are comparable even though they originate from many sources. Once data are transferred to CEDEN, SWAMP data are combined with many other data sets from around the state all being made available to the public in a comparable manner. This allows staff to quickly and easily access and integrate a wide array of data for analysis on which water quality management decisions are made. CEDEN has four regional data centers which are networked together for better regional coordination with data submitters and interests.

Another added benefit of comparable data allows a user to summarize various outputs from the Bioassessment Reporting Module. Having consistently reported data enables a data user to run metrics for stations across multiple projects and compare results using similar metrics.

How will this information be used?

The data managed by the DMT is used for the water quality assessments conducted by SWAMP such as evaluations of fish consumption safety and aquatic ecosystem health, as well as other efforts including the identification of impaired waters under the Clean Water Act 303(d) and 305(b) requirements for preparing the State Water Board's Integrated Report. These assessments inform and guide management actions aimed at protecting and restoring the quality of the State's waters.

For more information about SWAMP data management and online resources [click here](#).