



California Environmental Data Exchange Network (CEDEN)

What is it?

The California Environmental Data Exchange Network (CEDEN) is a framework which allows public and private groups to share data among themselves and with the public. It consists of a linked network of Regional Data Centers, which receive data from local data providers (see chart). Membership is open to federal, state, county and private organizations interested in exchanging data throughout the state.

The goal of CEDEN is to incorporate many diverse data sources (including stormwater, agricultural waiver, and surface water ambient monitoring data) into a standardized, integrated data sharing network; provide direct public access to monitoring data in an easily downloadable form; and to support question-driven information themes through the California Water Quality Monitoring Council's My Water Quality web portals.

In 2010 CEDEN data became available through a user-friendly online query tool. The SWAMP database management team provides regular updates of SWAMP data into CEDEN.

Why is it important to the State?

The State and Regional Water Boards utilize water quality monitoring data to assess the health of the state's waters. In order to make effective use of limited resources, we often partner with other government or private organizations to conduct water quality monitoring. CEDEN provides a way for partner groups to easily exchange data with state agencies, which improves the ability of all participants to work more efficiently.

Why is it important to me?

Data can be accessed by any interested party via the CEDEN website. The online query tool allows users to search for data using a map or through drop down lists. Another option for viewing

water quality data is to access the My Water Quality website. This website is designed to help the user answer specific local questions such as, "Is it safe to swim in our waters?" and "Is it safe to eat fish and shellfish from our waters?" CEDEN is also useful for local organizations (such as volunteer monitoring groups) conducting water quality monitoring. CEDEN participants can take advantage of the database management and organizational capabilities provided by the network.

How will this information be used?

Data available through CEDEN can be used by many different entities – from individual members of the public, to non-profit organizations to government agencies – to assess the health of the State's water resources. For example, CEDEN data are utilized by State and Regional Water Board staff during the development of the 303(d)/305(b) Integrated Reports required by the Clean Water Act.

