Where Are Our Wetlands & How Are They Doing?

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CALIFORNIA WETLAND MONITORING WORKGROUP

*A **Partnership** of 24 state and federal agencies and non-governmental organizations under the overarching guidance of the **California Water Quality Monitoring Council.***

With a Mission

To improve the monitoring and assessment of wetland and riparian resources by developing a comprehensive wetland monitoring plan for California and increasing coordination and cooperation among local, state, and federal agencies, tribes, and non-governmental organizations. The workgroup will review technical and policy aspects of wetland monitoring tool development, implementation and use of data to improve wetland management in California.

Products and Tools

The California Wetlands Portal
Streamlined data access for decision-makers and the public that directly address users' questions.

www.MyWaterQuality.ca.gov/eco_health/wetlands

Wetland & Riparian Area Monitoring Plan (WRAMP)
Framework for monitoring, assessment, and reporting through standard practices and collaborative action based on the Level 1-2-3 Framework of U.S. EPA.

California Aquatic Resources Inventory (CARI)
Standardized wetland definition, mapping, and classification protocols.

California Rapid Assessment Method (CRAM)
Cost-effective and scientifically defensible rapid assessment method for monitoring the conditions of wetlands throughout California. Separate modules for:

- *Bar Built Estuaries*
- *Depressional Wetlands*
- *Estuarine Wetlands*
- *Individual Vernal Pools & Vernal Pool Systems*
- *Riverine Wetlands*

www.CRAMWetlands.org

EcoAtlas
Provides landscape context to aquatic resource extent, condition, and project information by integrating stream and wetland maps, restoration information, and monitoring results with land use, water quality, and other information. The Landscape Profile tool generates dynamic summaries of aquatic resource information.

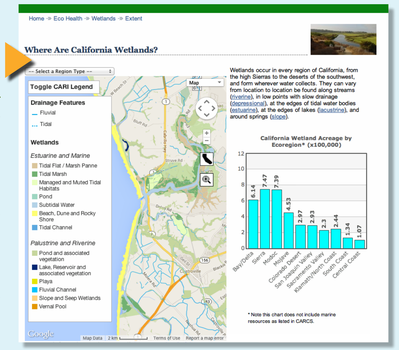
www.EcoAtlas.org

THE CALIFORNIA WETLANDS PORTAL

The portal's home page highlights wetland types through a photographic carrousel. Clicking on an image leads to descriptive information.

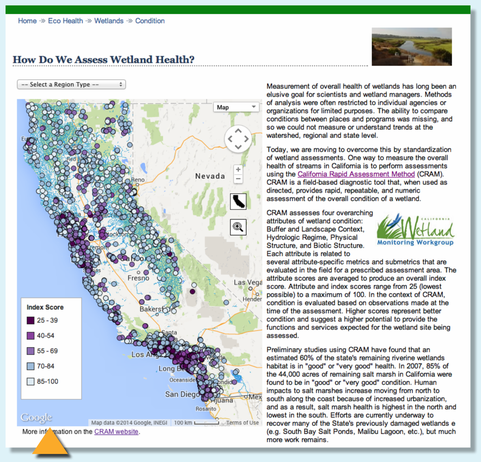
Detailed questions guide users to specific information on wetland extent, health, and protection.

WHERE ARE OUR WETLANDS?



This page presents, through an interactive map, the location and extent of a variety of wetland types found throughout the state. The California Aquatic Resources Inventory (CARI) base map draws from the National Wetlands Inventory (NWI), the National Hydrography Dataset (NHD), and more intensive local mapping efforts.

HOW ARE CALIFORNIA'S WETLANDS DOING?

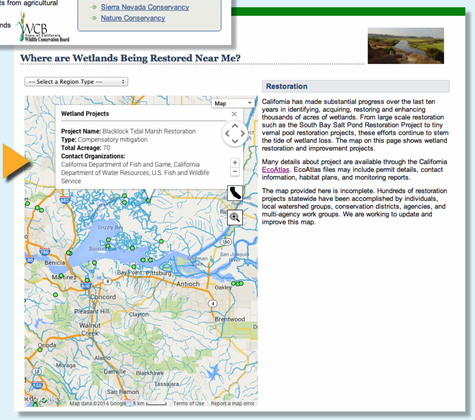


The ambient condition of assessed wetlands, using the California Rapid Assessment Method (CRAM) is presented on this page of the portal. CRAM scores range from 25 t0 100. Healthier wetlands have higher scores and lighter map symbols.

This portal page explains the Wetland and Riparian Area Assessment Plan Tool Kit for measuring wetland condition, based on the Level 1-2-3 Framework of U.S. EPA.

HOW ARE OUR WETLANDS PROTECTED?

California's wetlands are monitored and protected through a variety of regulatory, incentive, and restoration programs, as presented on this portal page. The large number of state and federal agencies and non-governmental organizations involved is a huge challenge. This is where the leadership of the California Wetland Monitoring Workgroup really makes a difference, developing standardized methods and strategies and fostering relationships to keep everyone working collaboratively.



Interested in wetland restoration projects near you? Find them using this page of the California Wetlands Portal. Project details are found in the companion online tool www.EcoAtlas.org.