# Use of EcoAtlas in Program Implementation

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Wetlands, Remote Sensing & Participatory

**Science Case Studies** 

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## **Topics**

- WRAMP Framework
- California Aquatic Resource Inventory and Editor Tool
- Project Tracking
- Landscape Profile Tool

## What is WRAMP?

### Wetland and Riparian Area Monitoring Plan

comprehensive framework for monitoring and assessment of aquatic resources within the watershed or landscape context







## What is WRAMP?

- WRAMP advises CA's Wetland and Riparian Area Protection Policy (WRAPP)
- EcoAtlas is a toolset that supports CA's three level monitoring and assessment framework







## What is EcoAtlas?



A scientifically produced toolset to visualize the abundance, diversity and condition of aquatic resources within a landscape

ecoatlas.org

## What is EcoAtlas?

Supports wetland monitoring and reporting throughout California



Aggregates different kinds of environmental data in one place



**Provides adaptable and customized reporting tools** 



Numerous federal, state, local agencies and NGO partners



California Department of Fish and Wildlife



California Department of Transportation



California Department of Water Resources



California Environmental Data Exchange Network



California Natural Resources Agency



California State Coastal Conservancy



California Water Quality Monitoring Council



California Wetland Monitoring Workgroup



Central Coast Wetlands Group



Central Valley Joint Venture



Delta Stewardship Council



Klamath Watershed Partnership

## EcoAtlas







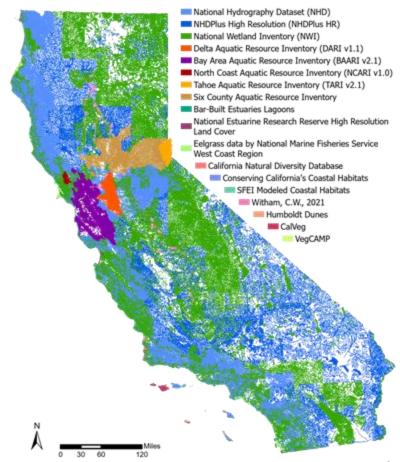


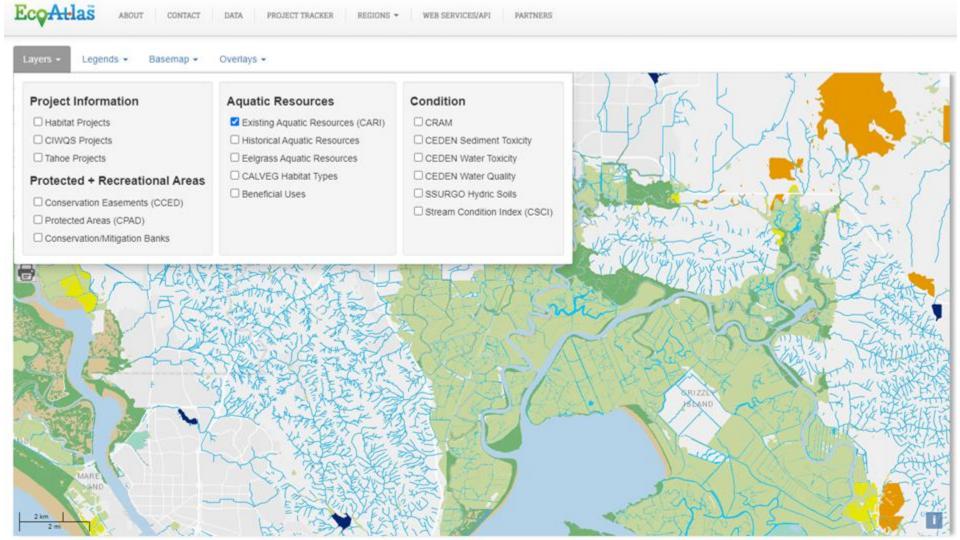




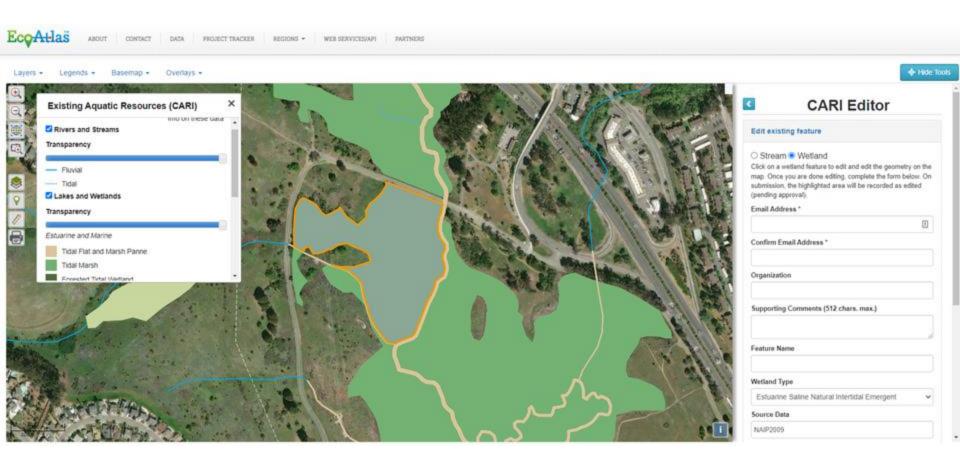
## **CARI:** California Aquatic Resource Inventory

- Statewide compilation of best available regional mapping efforts
- Wetlands, streams
- Common classification system
- Detail supports local use planning
- Updates to NWI support national assessments

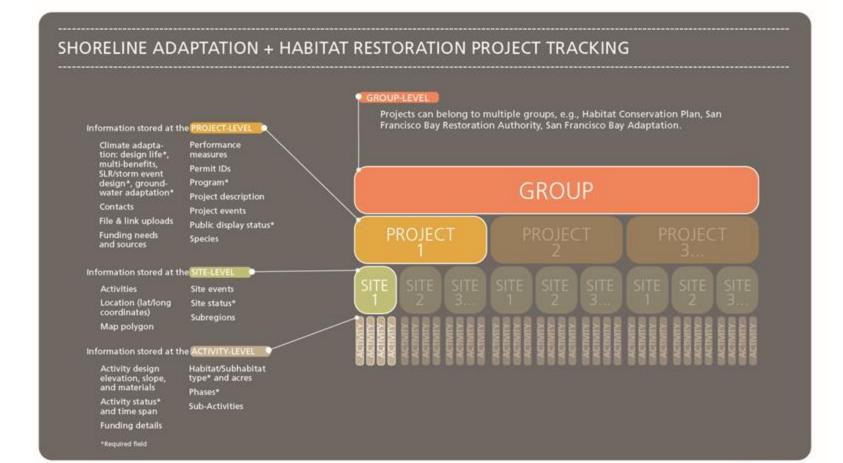


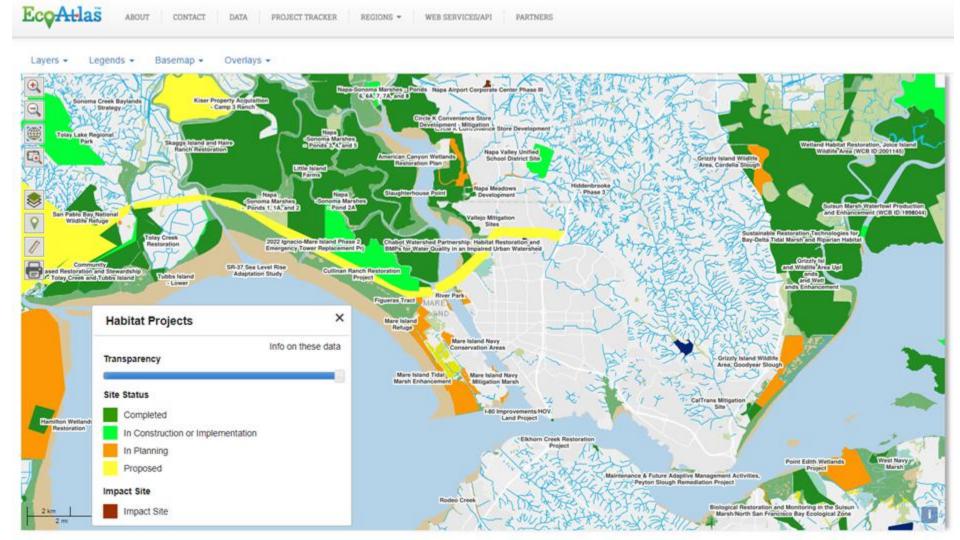


### **CARI Editor Tool**



## **Project Tracker**





## **Project Information Page**



ABOUT

CONTACT

PROX

TRACKER REGION

WEB SERVICES/AP

PARTNERS

#### Montezuma Wetlands Restoration Project

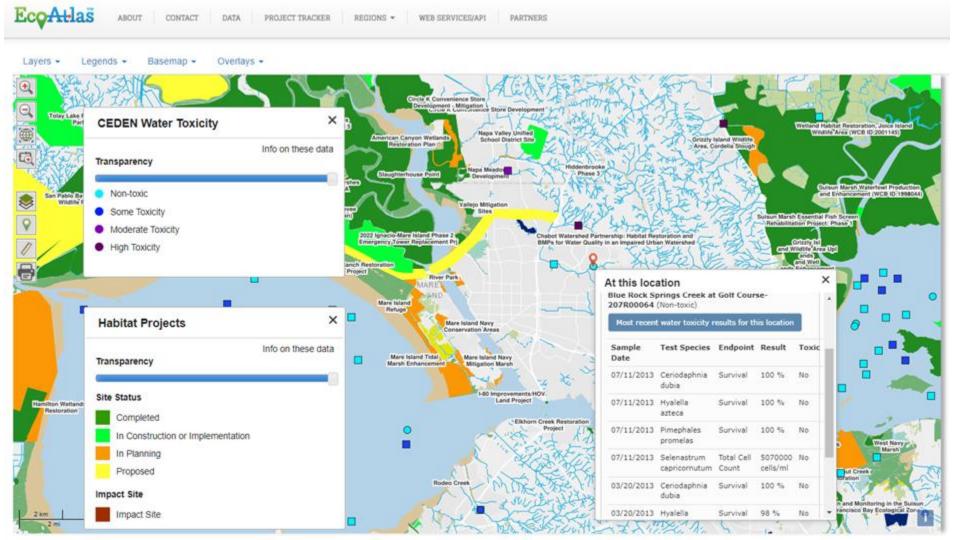
Basic information Files & Cit	nks Project Map Habitat Development Curve	1					
A Print Project Factsheet							
Status	In-progress	County	Solano				
Project Type	Non-mitigation	Location	38.09541*N, -121.87327*W Map				
Project Area (Acres)	2,129	Last Updated	19 July 2022				
Project Abstract	This 4-stage project will restore about 1,820 acres of tidal wetlands, seasonal wetlands, intertidal ponds, vernal pools, and upland buffer zone habitats through the engineered placement of about 20 million cubic yards of agency approved dredg sediment to raise the subsided site to elevations appropriate for intertidal marsh.						
Project Groups	San Francisco Bay Adaptation   San Francisco Bay Restoration Authority (Eligible)   San Francisco Bay Restoration Authority (Funded)						
Administrative Region	San Francisco Bay Joint Venture - Sandra Scoggin, SFBJV						

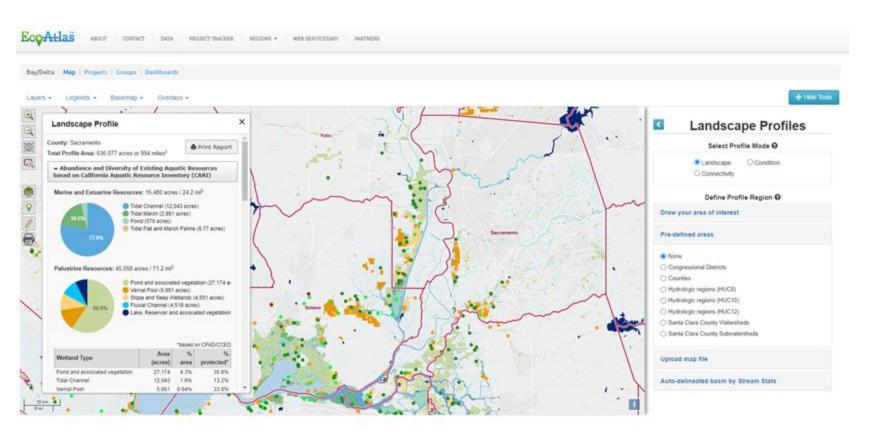
#### Project Identification 9

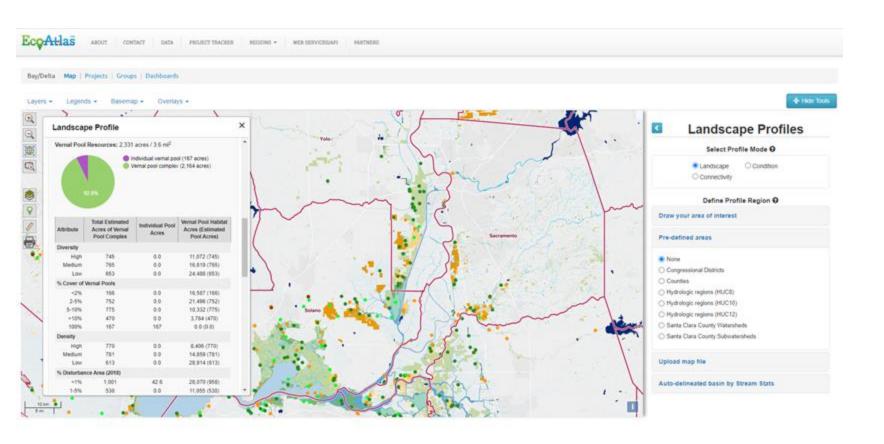
ID	Type			
RA-001	SFBRA - Project ID			
02-48-D0005	SWRCB - 401 Certification Letter (e.g., Site Number or WDID)			
201051	SWRCB - CIWQS Place Number			
194050	USACE - DA File Number			

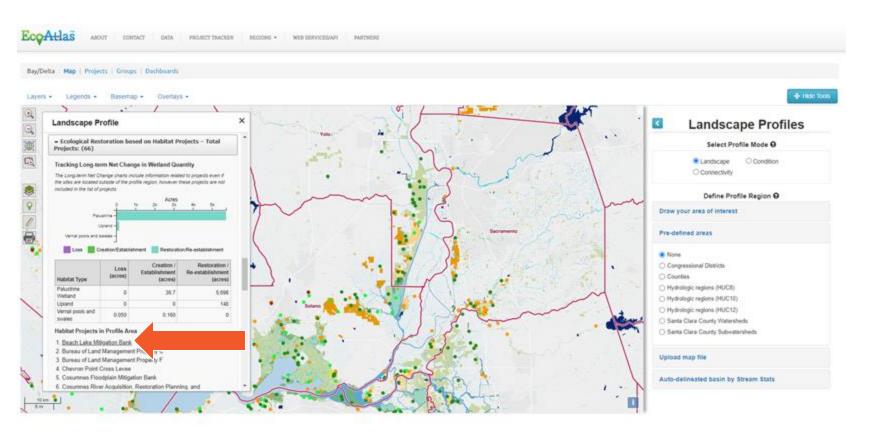
#### Habitat Plan

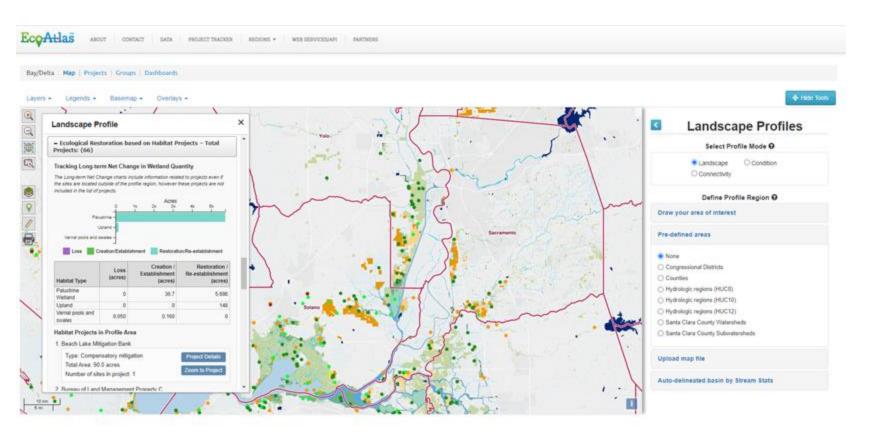
Site Name	Phase	Activity	SubActivities	Habitat	SubHabitat	Acres	Activity Status	Water Regime
Montezuma Avoided Seasonal Wetlands and Vernal Pools	Implementation	Acquisition/Preservation/Protection		Vernal pools and swales	None	1.40	Completed	
Montezuma Created Vernal Pools	Implementation	Creation/Establishment		Vernal pools and swales	None	3.78	Completed	Unknown/Unspecified
Montenuma Preserved Vernal Pools	Implementation	Acquisition/Preservation/Protection		Memal pools and swales	None	3.80	Completed	

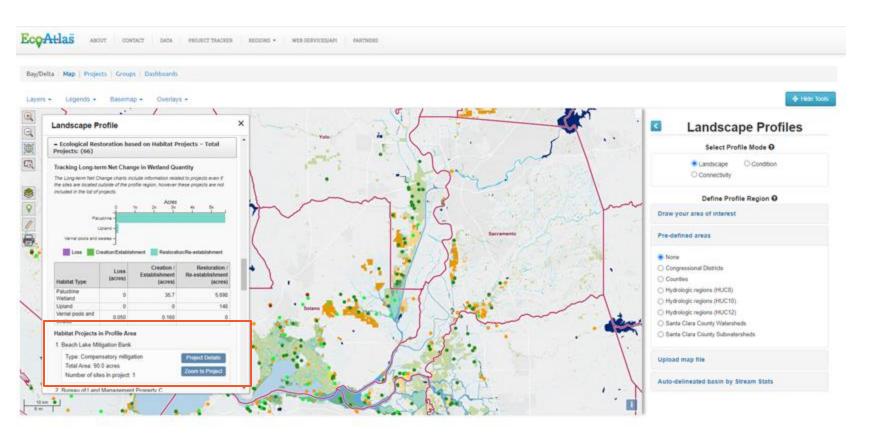














#### Landscape Profile

#### Tracking Long-term Net Change in Wetland Quantity

The Long-term Net Change charts include information related to projects even if the sites are located outside of the profile region, however these projects are not included in the list of projects.



OUR VISION: Healthy, resilient and productive coastal and ocean ecosystems in California for the benefit of current and future generations.







Visualize information at different scales: local, regional, programmatic, statewide







Coastal Watersheds: 21,386,169 acres / 33,416 miles<sup>2</sup>



- EcoAtlas ecoatlas.org
- CARI Editor <a href="https://ecoatlas.org/regions/ecoregion/statewide/?carit=1">https://ecoatlas.org/regions/ecoregion/statewide/?carit=1</a>
- Project Tracker <u>ptrack.ecoatlas.org</u>