

EcoAtlas

ECOATLAS.ORG

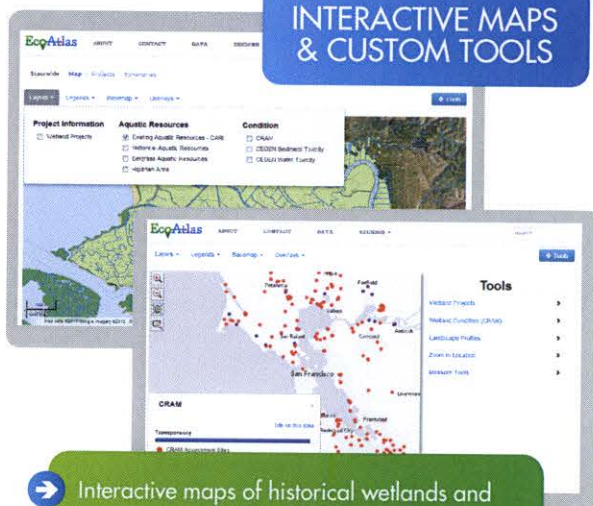
Visualize condition and extent of California's aquatic resources

KEY BENEFITS

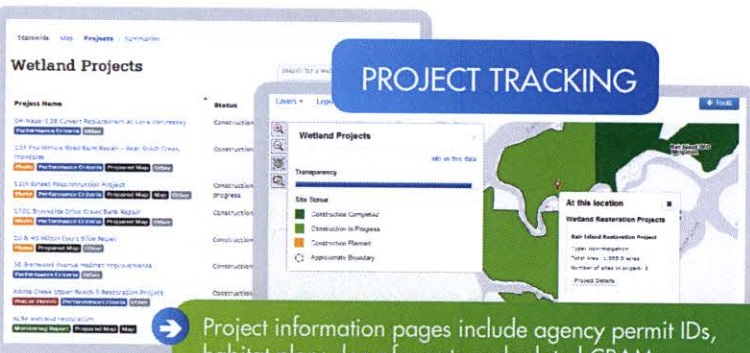
- ➔ Helps resource managers identify fluvial and tidal resource extent
- ➔ Provides geospatial, narrative, tabular, and graphical documentation for decision-makers
- ➔ Facilitates comparisons between historical aquatic resource characterization/classification and present-day measurements
- ➔ Combines mitigation and restoration projects as well as CRAM assessments onto a single map to provide a window of insight into what resource management activities are occurring in the landscape



INTERACTIVE MAPS & CUSTOM TOOLS



- ➔ Interactive maps of historical wetlands and current extent and condition
- ➔ A new statewide basemap - California Aquatic Resource Inventory (CARI)
- ➔ Web services promote data access and exchange with other online systems
- ➔ Relevant geographic data layers and click-query functionality with rich attribute and metadata summaries
- ➔ Custom tools for exploring information, filtering the map view, and downloading data



- ➔ Project information pages include agency permit IDs, habitat plans, log of events and related CRAM assessments
- ➔ Ability to upload documents to a project's file repository

LANDSCAPE PROFILES



- ➔ Summarize multiple data sources for an area of interest
- ➔ Use USGS StreamStats to delineate an upstream catchment from a pour point
- ➔ Print a detailed PDF report for an auto-delineated basin, user-defined area, county or hydrologic region



CRAMWETLANDS.ORG

A Standard Method for
Assessing Wetland Condition

KEY BENEFITS

- ➔ An easy-to-use data entry interface ensures that all of the appropriate information associated with CRAM assessments can be captured and utilized to inform decision-makers
- ➔ The ability to delineate an assessment site by drawing on a map offers this advanced functionality to non-technical practitioners. There is no need to learn any GIS or software language -- just get trained in CRAM and dive right in!
- ➔ Practitioners can learn about training opportunities and keep their skills up-to-date
- ➔ Evolving CRAM module versions can be accommodated since the system is designed to be iterative and flexible

California Rapid Assessment Method



CRAM is a cost-effective and scientifically defensible rapid assessment method for monitoring the conditions of wetlands throughout California. It is designed for assessing ambient conditions within watersheds, regions, and throughout the State. It can also be used to assess the performance of compensatory mitigation projects and restoration projects.



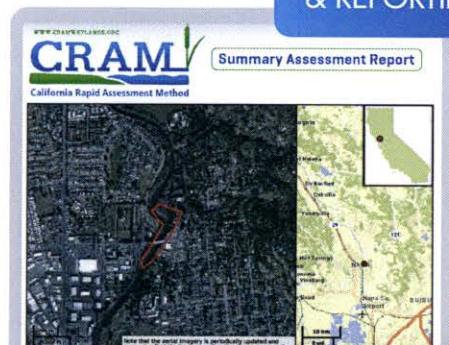
CRAM assessments for sarahp@sfei.org

PRACTITIONER DASHBOARD

Map	Form	PDF	ecram ID	Visit Date	Update Date	Wetland Type	Version	AA Name	Index Score
			2927	2015-10-04	2015-10-04	riverine			
			2928	2015-10-04	2015-10-04	riverine			
			2911	2015-09-10	2015-09-10	riverine			
			2770	2015-08-16	2015-10-04	riverine			

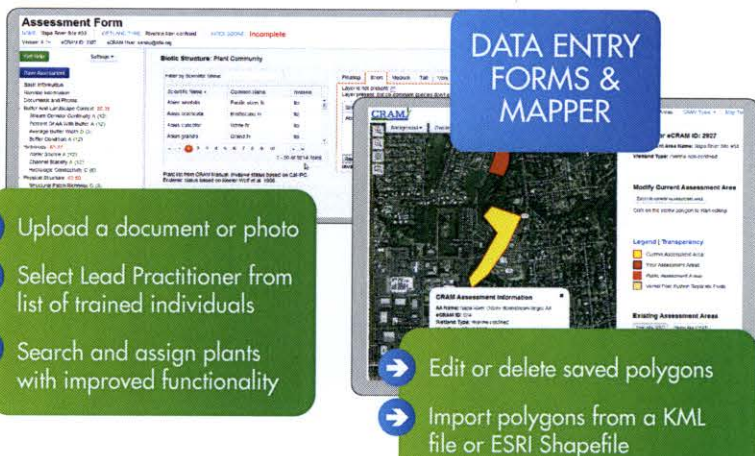
- ➔ Create and edit assessments
- ➔ Download your assessment data as CSV, KML or ESRI Shapefile
- ➔ Generate PDF Reports
- ➔ Search by name, module or region

DATA DOWNLOAD & REPORTING



- ➔ Generate summary PDF report for an assessment
- ➔ View and download public assessments in EcoAtlas
- ➔ Filter assessments by type, index score and year

DATA ENTRY FORMS & MAPPER



- ➔ Upload a document or photo
- ➔ Select Lead Practitioner from list of trained individuals
- ➔ Search and assign plants with improved functionality

- ➔ Edit or delete saved polygons
- ➔ Import polygons from a KML file or ESRI Shapefile

SFEI

AQUATIC
SCIENCE
CENTER

Wetland
Monitoring Workgroup



Water Boards

SAN FRANCISCO ESTUARY INSTITUTE & THE AQUATIC SCIENCE CENTER



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