EcoAtlas

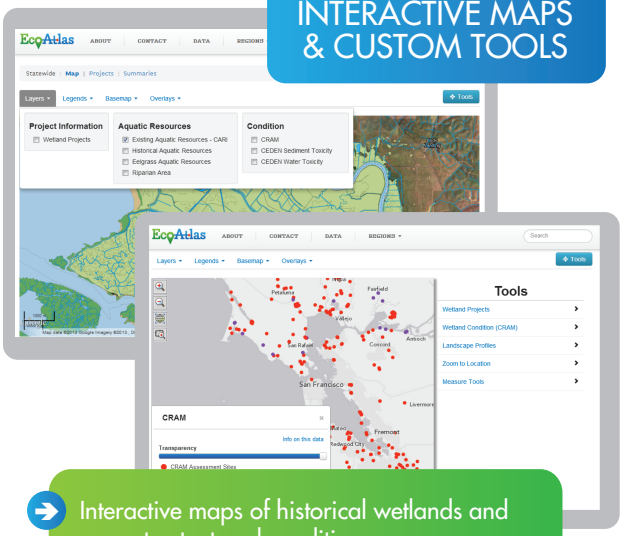
ECOATLAS.ORG

Visualize condition and extent of California's aquatic resources

KEY BENEFITS

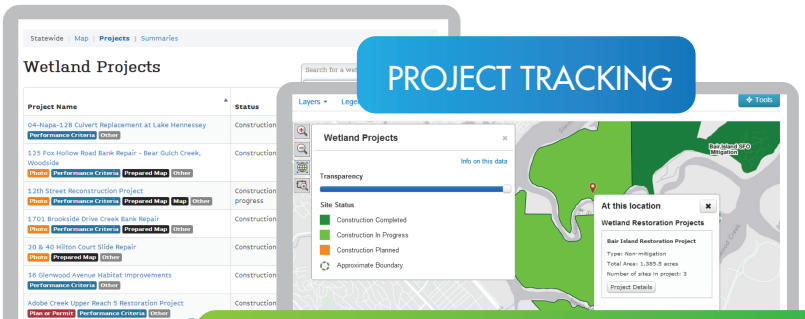
- Helps resource managers identify fluvial and tidal resource extent
- Provides geospatial, narrative, tabular, and graphical documentation for decision-makers
- Facilitates comparisons between historical aquatic resource characterization/classification and present-day measurements
- Combines mitigation 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 TRACKING



- 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

SFEI | AQUATIC SCIENCE CENTER | Wetland Monitoring Workgroup | California Water Boards

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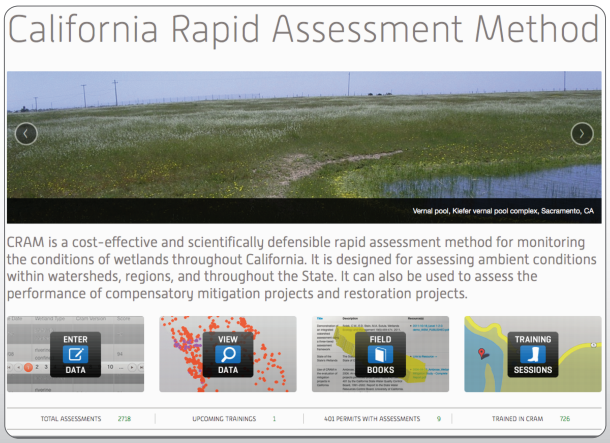
CRAM

CRAMWETLANDS.ORG

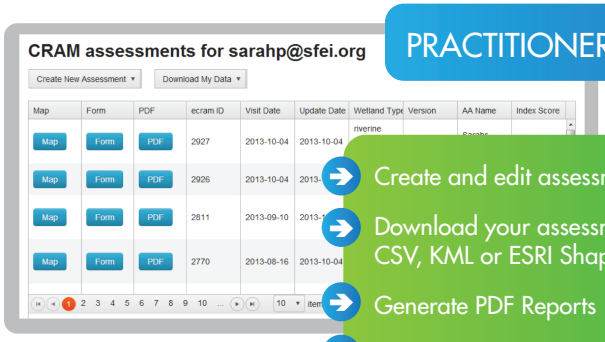
A Standard Method for Assessing Wetland Condition

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

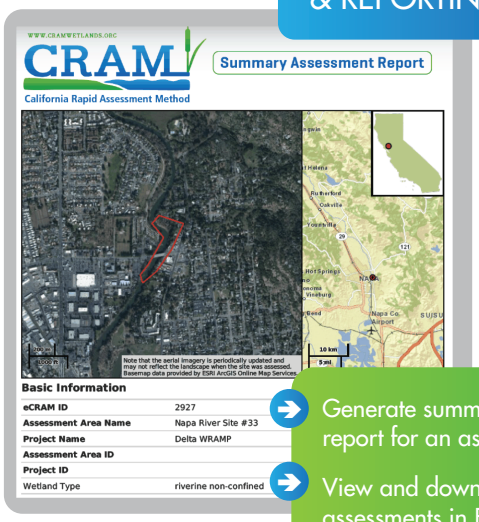


PRACTITIONER DASHBOARD

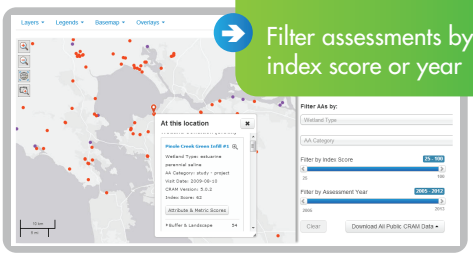


- Create and edit assessments
- Download your assessment data as CSV, KML or ESRI Shapefile
- Generate PDF Reports
- Search for trained practitioners by name, module or region

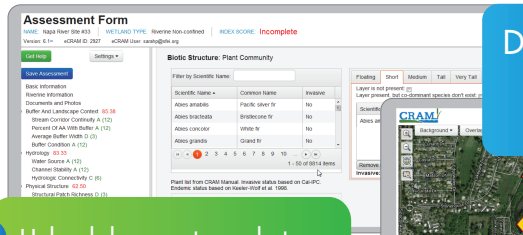
DATA DOWNLOAD & REPORTING

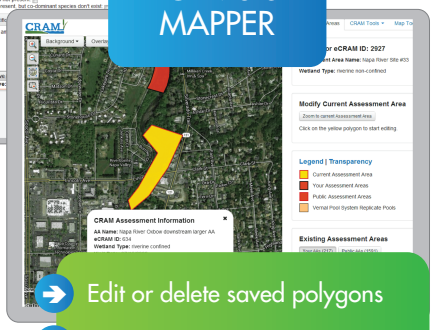


- Generate summary PDF report for an assessment
- View and download public assessments in EcoAtlas
- Filter assessments by type, index score or year



DATA ENTRY FORMS & MAPPER





- Upload documents or photos
- Select Lead Practitioner from list of trained individuals
- Improved functionality for searching and assigning plants
- Edit or delete saved polygons
- Import polygons from a KML file or ESRI Shapefile

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