EcoAtlas

Advanced Performance Measures Reporting

November 6, 2018

SFEI AQUATIC SCIENCE CENTER

Advanced Performance Measures Reporting

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Project Objectives

- **Integrate project data** and performance measures between EcoAtlas and Delta View
- **Develop new capabilities** to improve performance measures reporting for wetland restoration projects

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Tracking Performance Measures

- **Met with agency staff** to discuss performance measure reporting needs
- **Determined information needed** to enhance performance measures tracking and reporting
- **Modify Project Tracker** to better track information and EcoAtlas to dynamically report on performance measures

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Reporting Options

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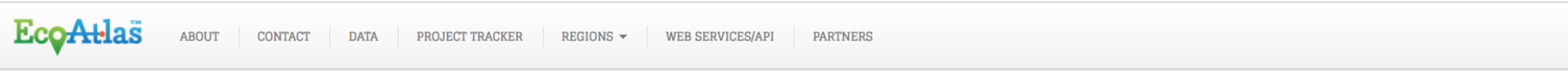
Project Information Page



Related CRAM Assessments

Visit Date	Version	Site Name	Wetland Type	Index Score
No Data				

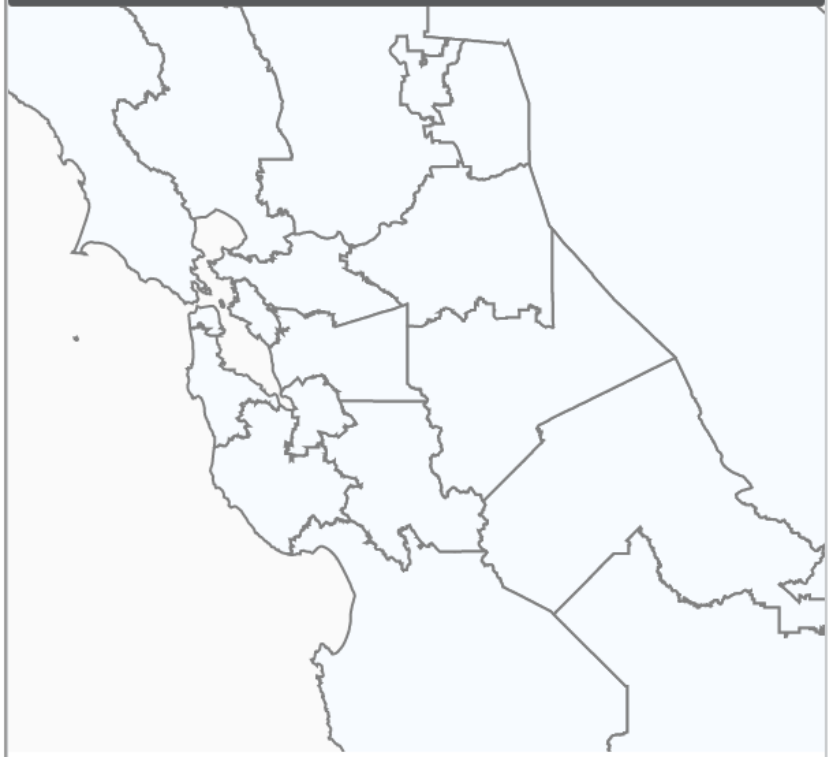
Performance Criteria

Status	Details	Evaluation Date
More than 50% criteria met	testing 2	2016-11-22
Less than 50% criteria met	testing	2015-01-01

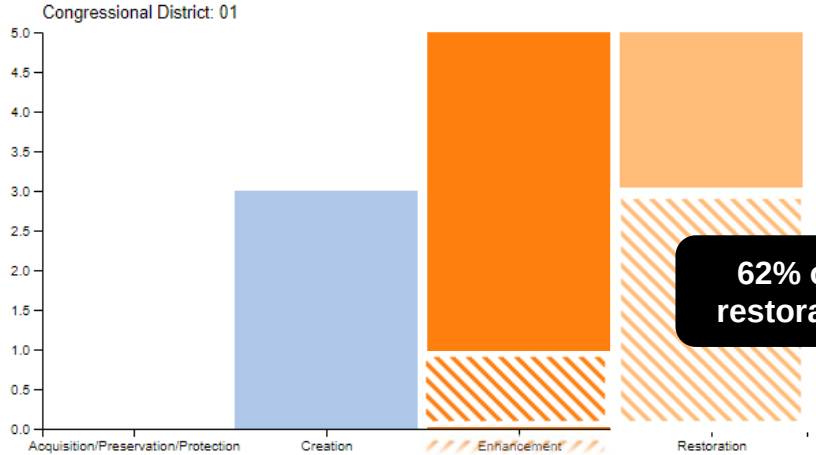
Performance Measures

Plan Name	Plan Goal	Performance Measure	Measure Value	Status	Evaluation Date
Delta Plan	More Reliable Water Supply	Increased acre-feet of water protected or conserved per year to increase flow in periods of limited water supply	55 / 99 acres 56%	in-progress/partially achieved	2012-12-12

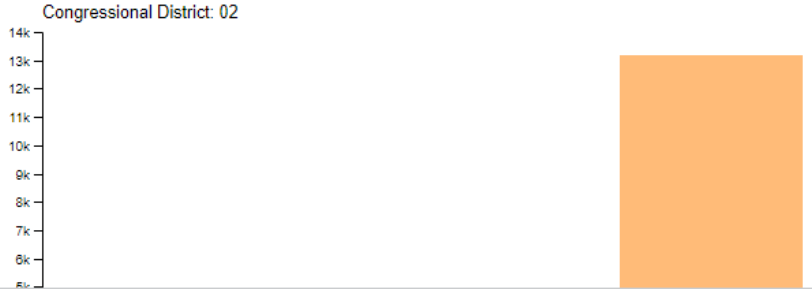
View: Congressional Districts Hydrologic Regions Regional Boards



Target and Actual Project Acres by Activity Type:

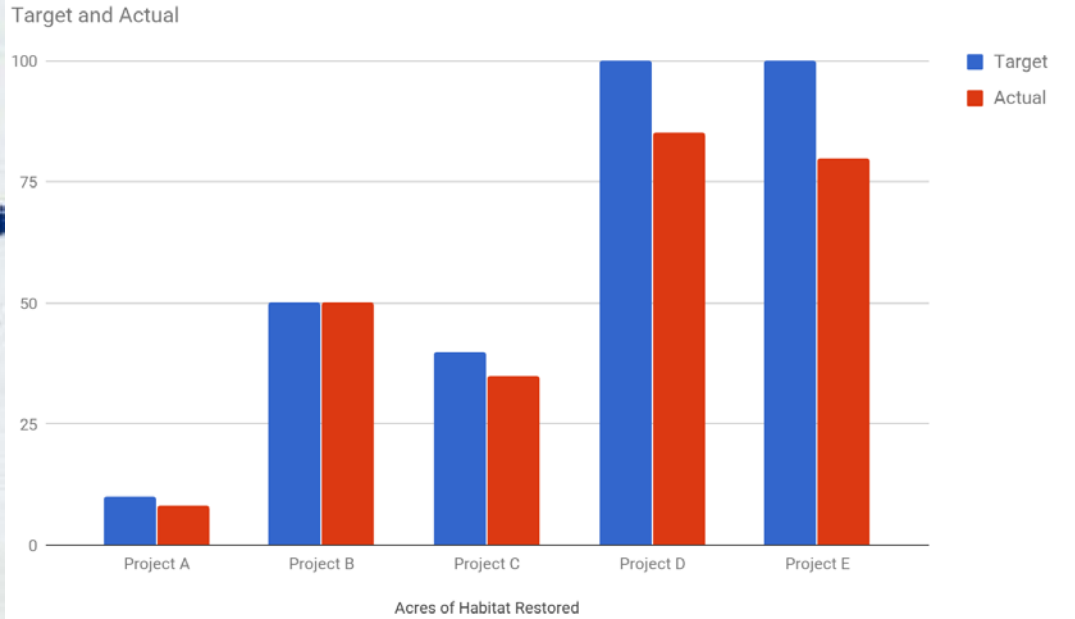


62% of target restoration goal



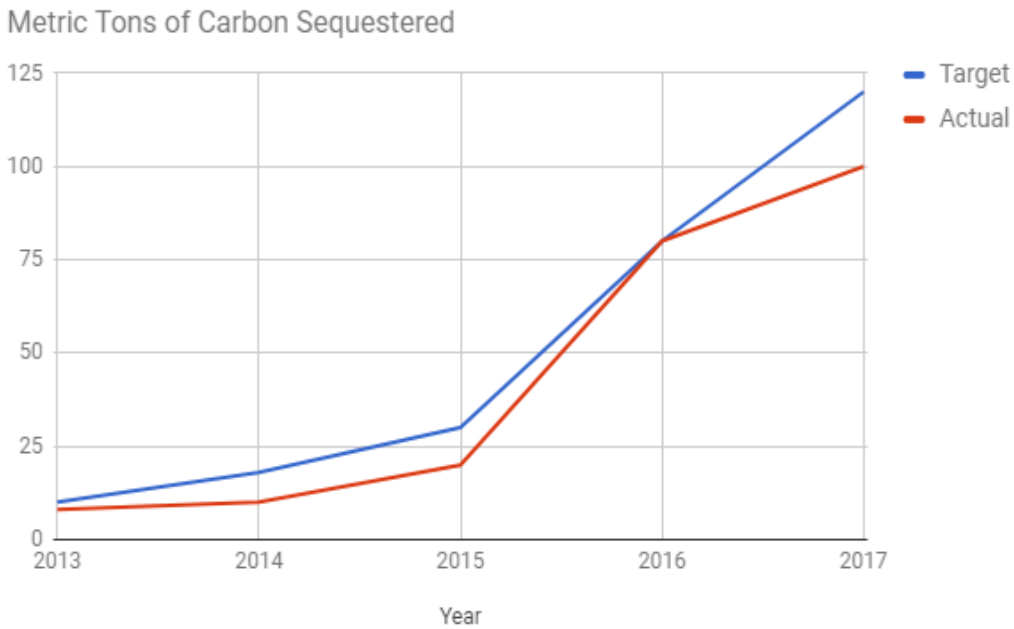
View: Congressional Districts Hydrologic Regions Regional Boards

Acres by Activity Type: Grouped Stacked



View: Congressional Districts Hydrologic Regions Regional Boards

Acres by Activity Type Grouped Stacked



Delta Aquatic Resource Inventory (DARI)

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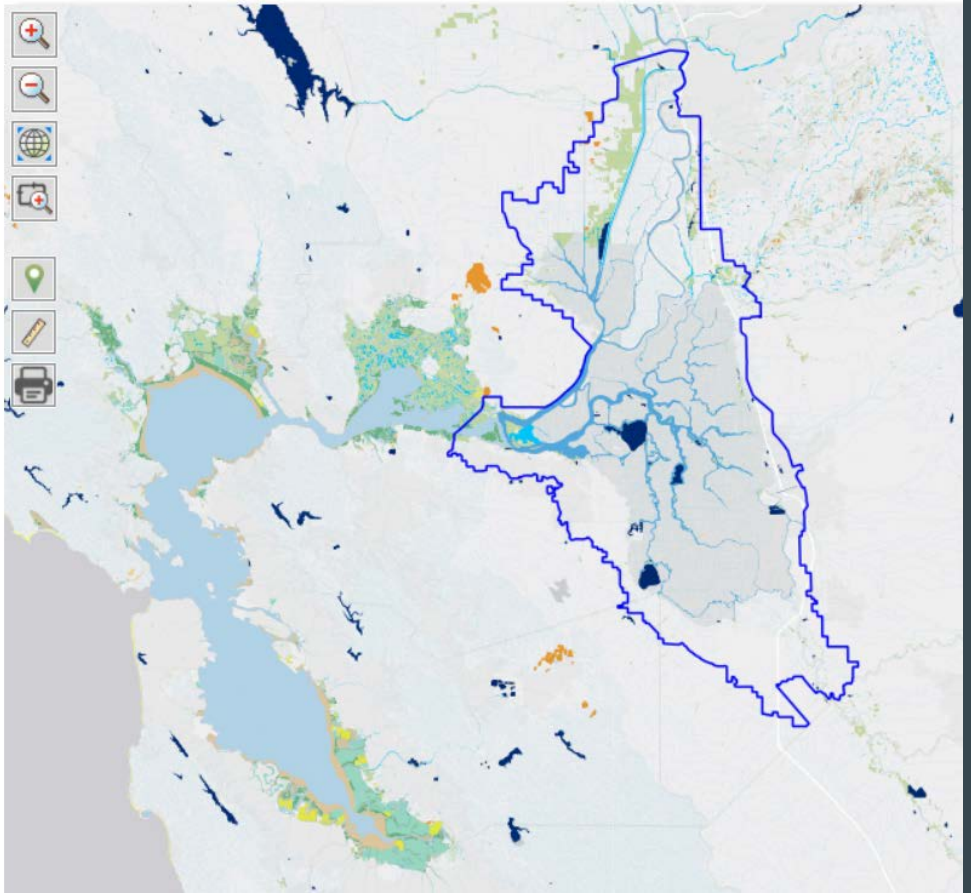
EcoAtlas™ ABOUT | CONTACT | DATA | PROJECT TRACKER | REGIONS

Layers | Legends | Basemap | Overlays



Project Objectives

- Data compilation
- Coordination and DARI mapping SOP training
- Quality Assurance/Quality Control review
- Integrate DARI into EcoAtlas

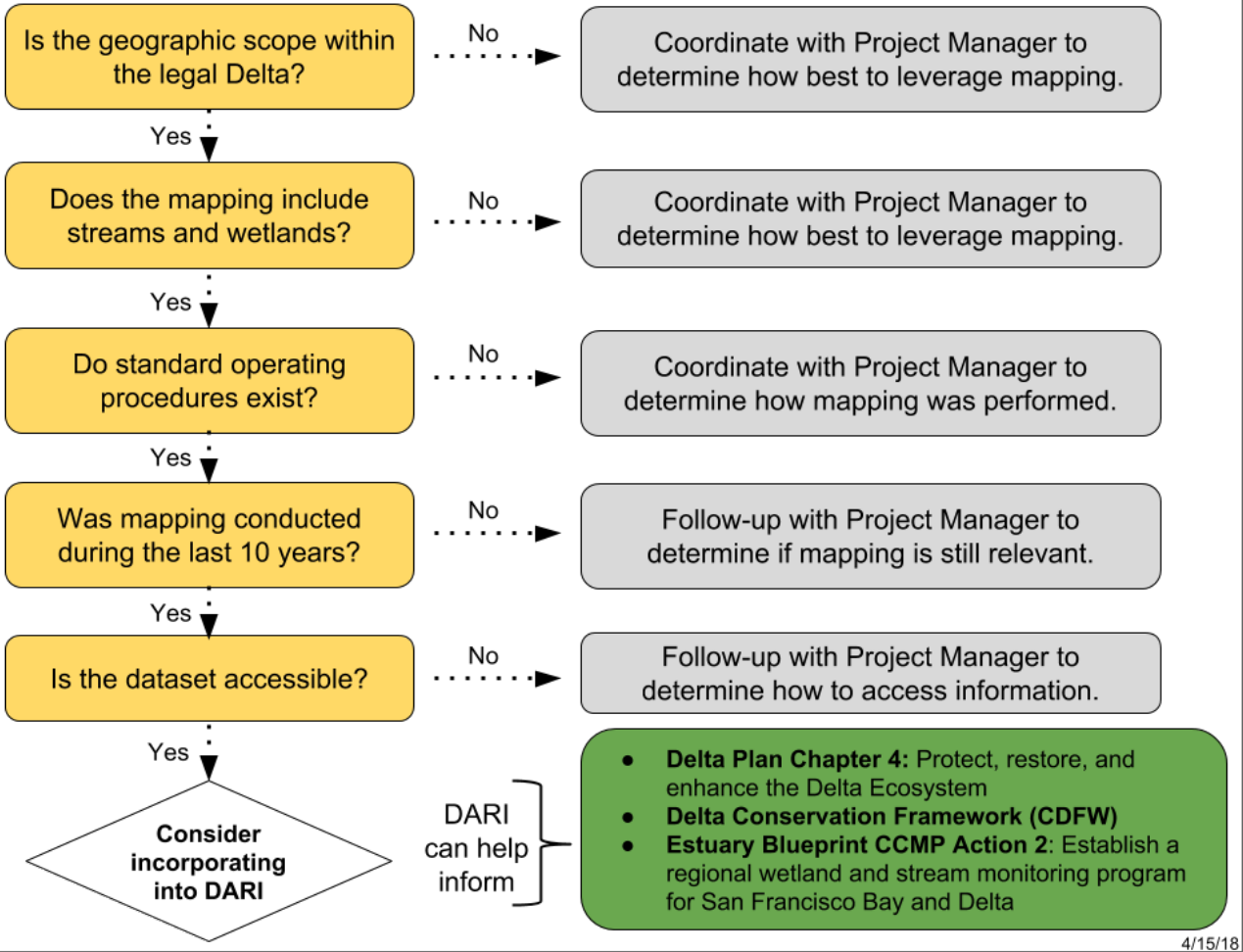
Opportunity to Form Level 1 Committee

- DARI project provides **opportunity to form Level 1 Committee** with federal and state partnerships (NHD, NWI)
- **Opportunity for a comprehensive approach** to track the abundance and distribution of wetlands in California
- Workgroup participants can **expand over time** to cover new data collection technologies

Data Compilation of Available Data

- Compiled list of available data and the study purposes
- Developed schematic of project priorities
- In-progress of analyzing data according to schematic

Draft DARI Priority Data Decision Schematic



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Level 3 Data Collection

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Level 3 Data Collection

Level 1 Committee -- DARI

Level 2 Committee -- CRAM

Level 3 Data Visualization

- Visualized available Level 3 data (CSCI, CEDEN, CalVEG)
- Developed protocol for visualizing data

AB1755 WRAMP Use Case

Identified data types:

- Invasive species
- Physical habitat
- Water and sediment chemistry
- Stream flow
- Storm hydrographs

Level 3 Committee

Mission to bring scientists together to share their data

- Vernal pool
- Sierra wet meadows
- Tidal wetlands
- Algal and benthic macroinvertebrates
- Perennial streams

Issue:
Monitoring protocols and data are not accessible

Compendium of Available Monitoring Protocols

Under development to provide available resources for effective monitoring of Level 1-2-3 data

Needed

- Identify monitoring protocols and available data
- Standardize monitoring protocols if needed
- Standardize and share data on web tools

Thank you