Making the Most of Our Knowledge

The San Francisco Bay Area Conservation Commons Project

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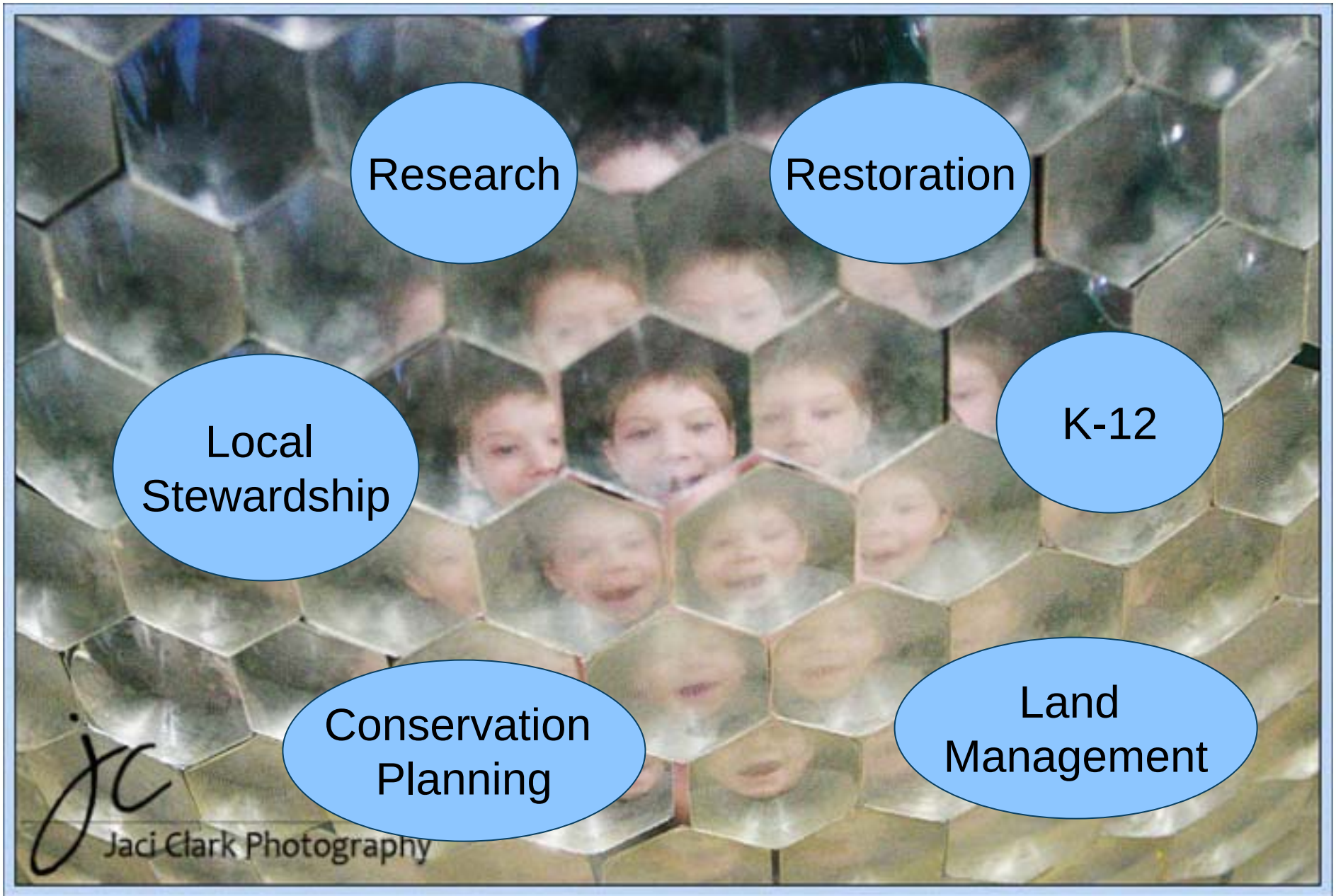
Sonoma Ecology Center

More than the sum of its parts




Imagine…
http://www.netjef

You are starting a project…

Found 85 results

Sort by:[Year][Title][Type][Author][Keyword]

2009

Christina Sloop Ph D . 2009. **Application of Molecular Techniques to Examine the C**
Butte County Meadowfoam (Limnanthes floccosa ssp. californica). Abstract Downloa

Teejay O'Rear, Nicole Karres, Christina Sloop . 2009. **2008 Laguna de Santa Rosa**
Download: Laguna_DSR Aquatic Survey 2008.pdf

Solomeshch AI and MG Barbour . 2009. **Are Santa Rosa Plain vernal pools unique**
Conference and Science Symposium. Abstract

Catherine Hare . 2009. **An Integrated System for Wastewater Scrubbing and Bioen**
Laguna Conference and Science Symposium. Abstract Download: Laguna2009_Hare

Christina M Sloop . 2009. **Assessing and forecasting watershed ecosystem status within a consistent Bay Area wide framework.** 2009 State of the Laguna Conference and Science Symposium. Abstract Download: Sloop_ Watershed Assessment3.ppt

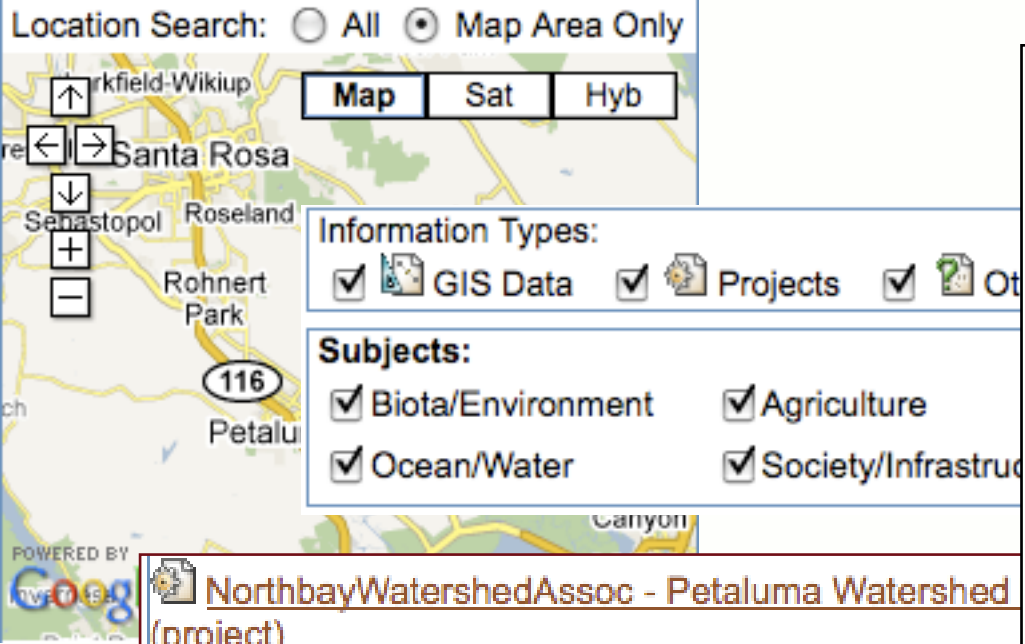
Lisa Hug, Christina Sloop . 2009. **Bird Inventory and Monitoring in the Laguna de Santa Rosa Winter & Spring 2004-05, 2007-09.** 2009 State of the Laguna Conference and Science Symposium. Abstract Download: SoL 2009 bird poster FINAL.pdf

Arthur Dawson Historical Ecologist . 2009. **Back to the Future: Applying the Lessons of History to the Challenges of Climate Change.** 2009 State of the Laguna Conference and Science Symposium. Abstract

Davis Grant . 2009. **Climate Change Adaptation in the Laguna de Santa Rosa.** 2009 State of the Laguna Conference and Science Symposium. Abstract Download: Davis.ppt

- You search your own org's knowledge base and find data and reports from past projects

Laguna Watershed Knowledge Base



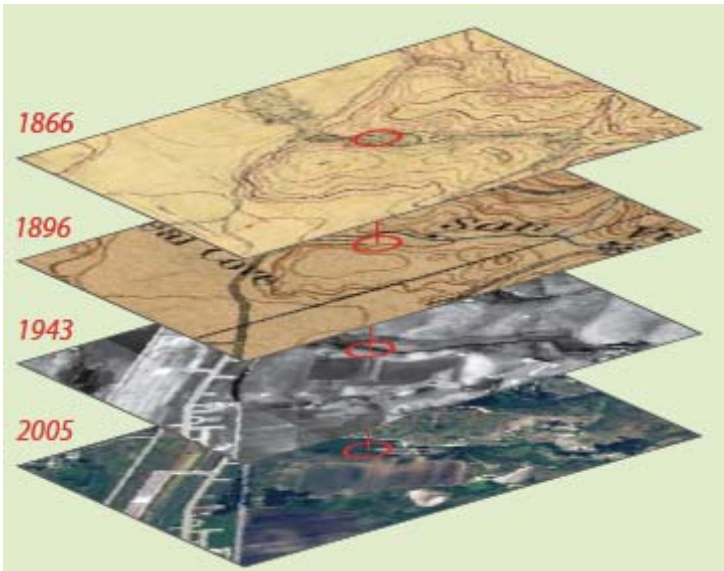
- From one entry-point, you easily find related data and information from other orgs
- You can download a lot of it, and there's metadata

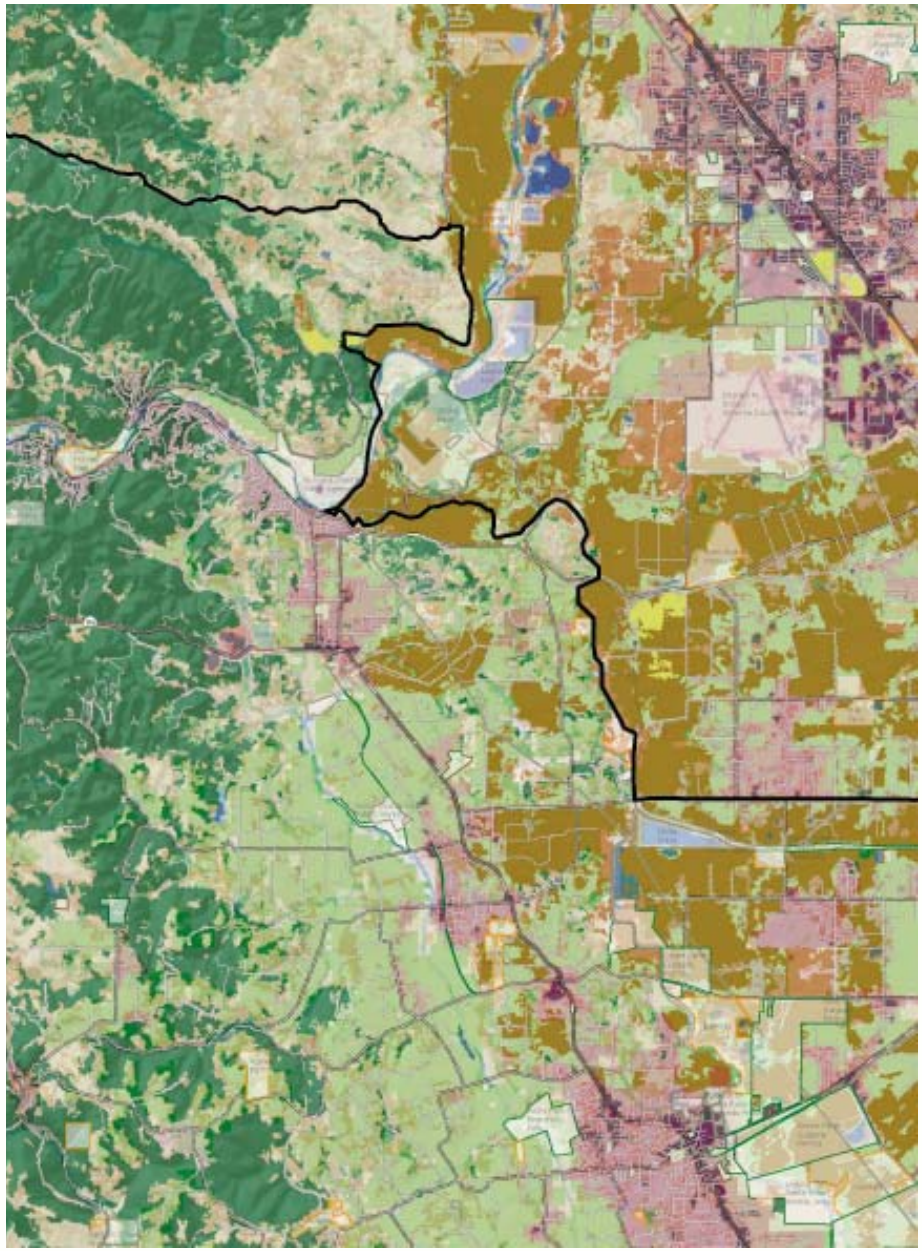
NorthbayWatershedAssoc - Petaluma Watershed (project)
NorthbayWatershedAssoc - Petaluma Watershed (project)
NorthbayWatershedAssoc - Sonoma Creek Monito
NorthbayWatershedAssoc - Erosion/Sediment Co
KRISEastMarinSonoma - 1996-1997 water tempe (document)
KRISEastMarinSonoma - Adobe Creek aka Casa Grande Creek July 1968 (document)
KRISEastMarinSonoma - Adobe Creek Sonoma Creek tributary
KRISEastMarinSonoma - Another toxic fish kill at Pacheco Pond
KRISEastMarinSonoma - Another unnamed tributary to Petaluma
KRISEastMarinSonoma - A pollution study of Petaluma Creek Co
KRISEastMarinSonoma - Aquatic Insects: ACM Spring 2005, Pe

CIEC search result for North Bay

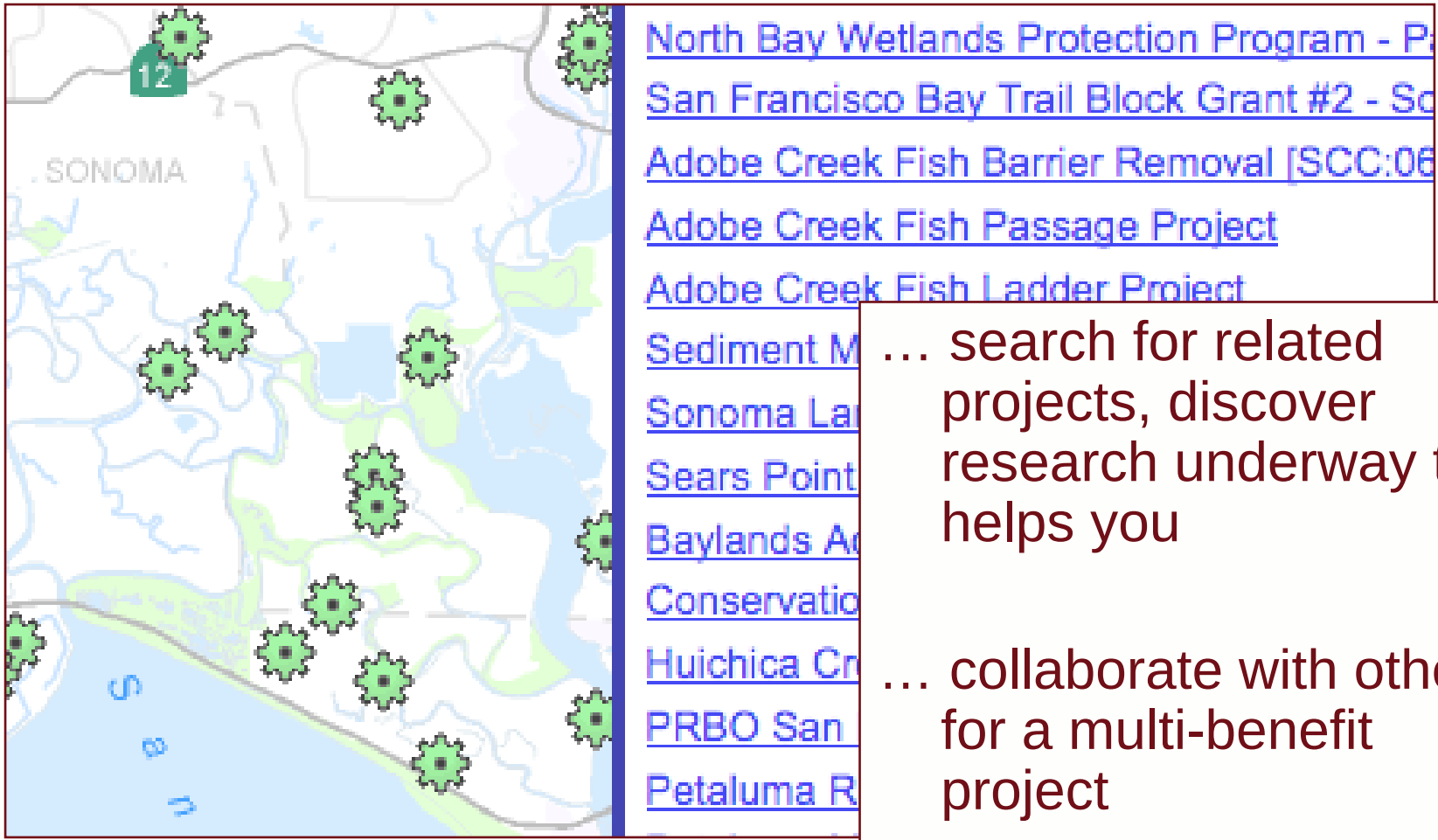
… you overlay spatial data from several sources and create a quick map

(even though you don't have GIS software)





SCAPOSD's land use/protected area map



NRPI geographic search

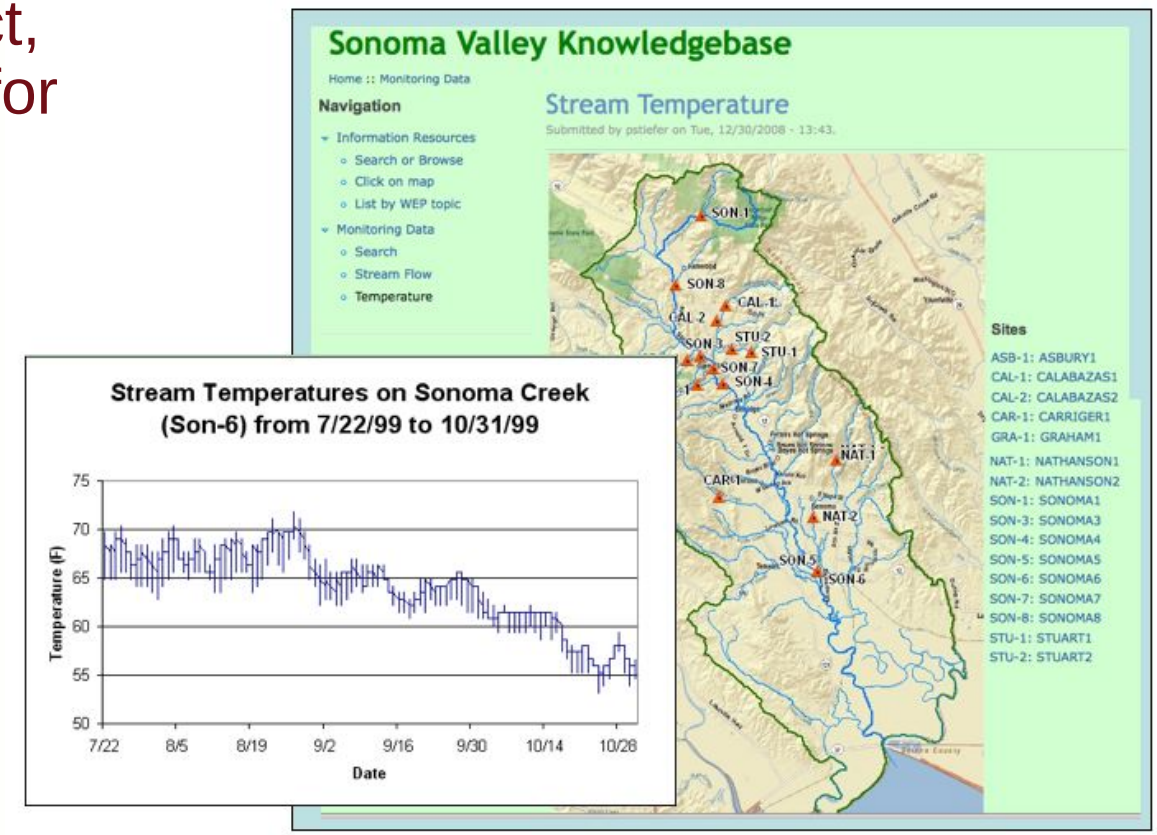
… search for related projects, discover research underway that helps you

… collaborate with others for a multi-benefit project

You pool your resources and fill data gaps

… find monitoring protocols for the data you need to collect, and a framework for adding it into the regional system

You get help in contributing the products of your work to the community



SEC's Knowledge Base, Monitoring Data module

Somewhere, someone is starting a project….

What is a Conservation Commons?

- An effort dedicated to making environmental information more accessible and useful for conservation purposes
- A community that shares conservation information
- An online environment for information management, and commonly-needed services built by and for the community it serves

The Principles of the Conservation Commons

Open Access: Promotes free and open access to data, information and knowledge for conservation purposes.

Mutual Benefit: Participants are encouraged to both use resources and contribute data, information and knowledge.

Rights and Responsibilities: Contributors have a right to attribution and the right to ensure that the original integrity of their contribution to the Commons is preserved

3 reasons to build a Conservation Commons for our region

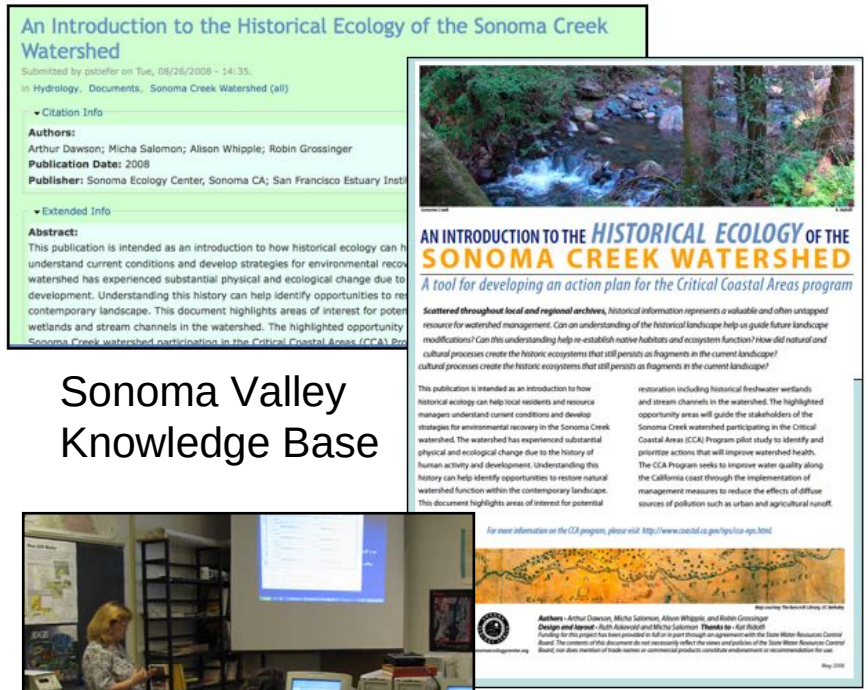
- Leverage our collective knowledge
- Build collaborative solutions
- Respond more effectively to environmental management challenges

SF Commons
Collaborators

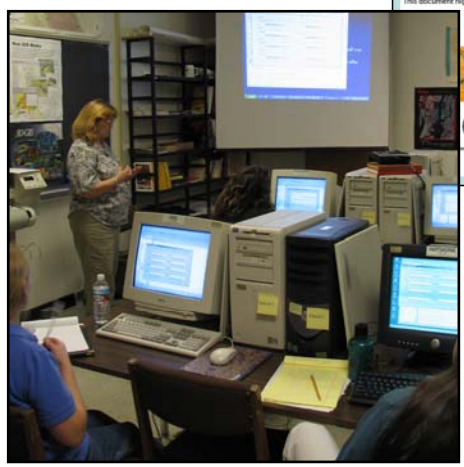
- Sonoma Ecology Center
- San Francisco Estuary Institute
- San Francisco Bay Joint Venture
- Ducks Unlimited
- PRBO Conservation Science
- Bay Area Open Space Council
- UC Ag. Extension, Hopland
- Bodega Marine Lab
- UCD Information Center for the Environment
- CERES

SF Commons Services:
Assistance to Organizations

- Tools for in-house information management (knowledge bases)
- Automated publishing of selected content to the Commons
- Training and Support

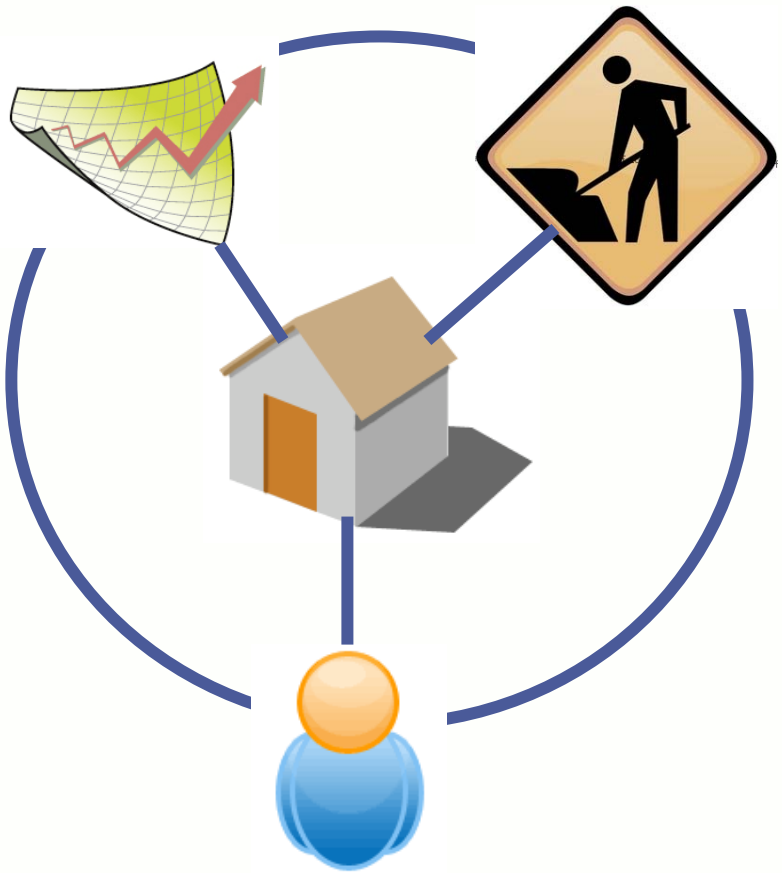


Sonoma Valley Knowledge Base



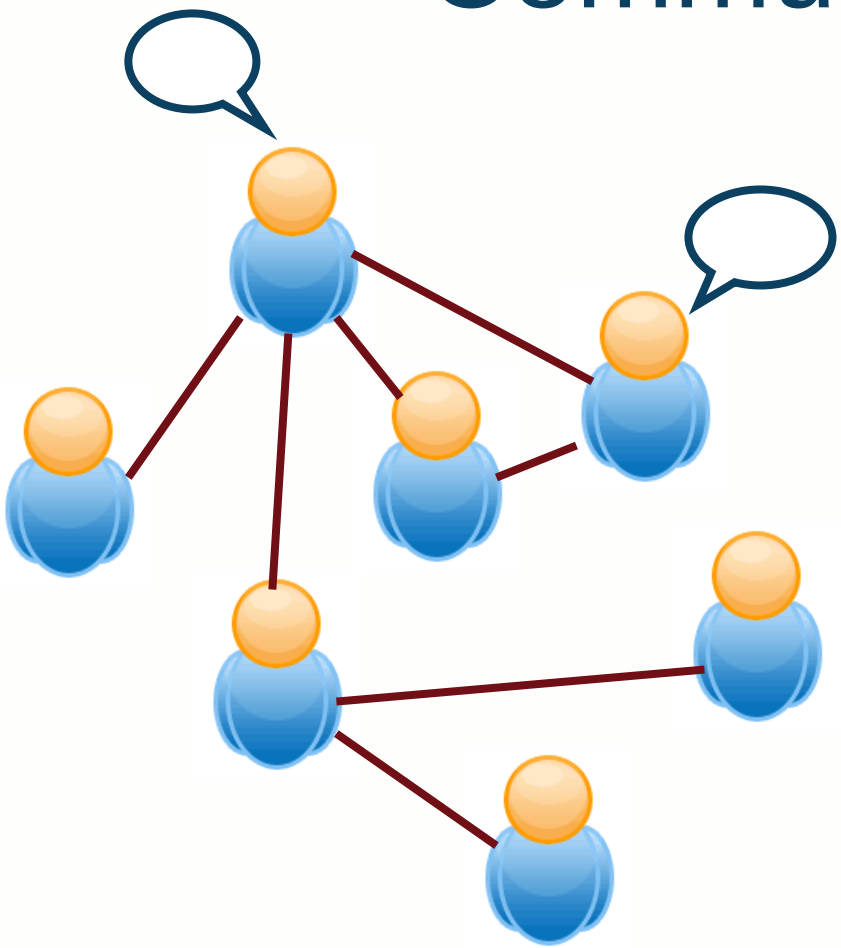
SF Commons Information Management Training

SF Commons Services:
Data Sharing Framework



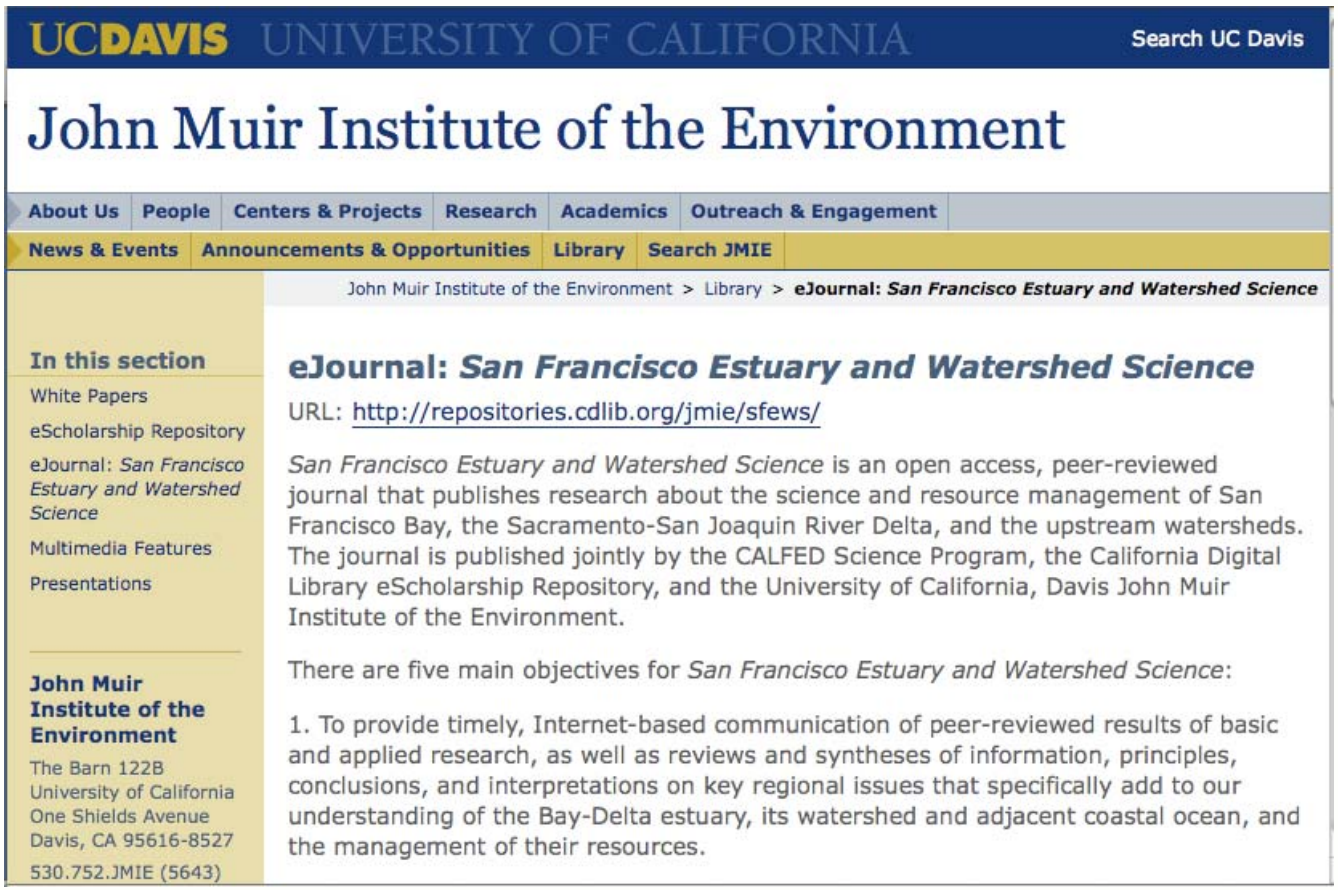
- Regional catalogs
- Search and discovery
- Semantic linkages (PPOD)
- Hosting services, data viewers
- Standards and protocols

SF Commons Services:
Community-building



- Communication tools (forums, listservs, blogs)
- Workshops & support groups

Solutions for more open access



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Multimedia Features

Presentations

John Muir Institute of the Environment

The Barn 122B
University of California
One Shields Avenue
Davis, CA 95616-8527

530.752.JMIE (5643)

eJournal: *San Francisco Estuary and Watershed Science*

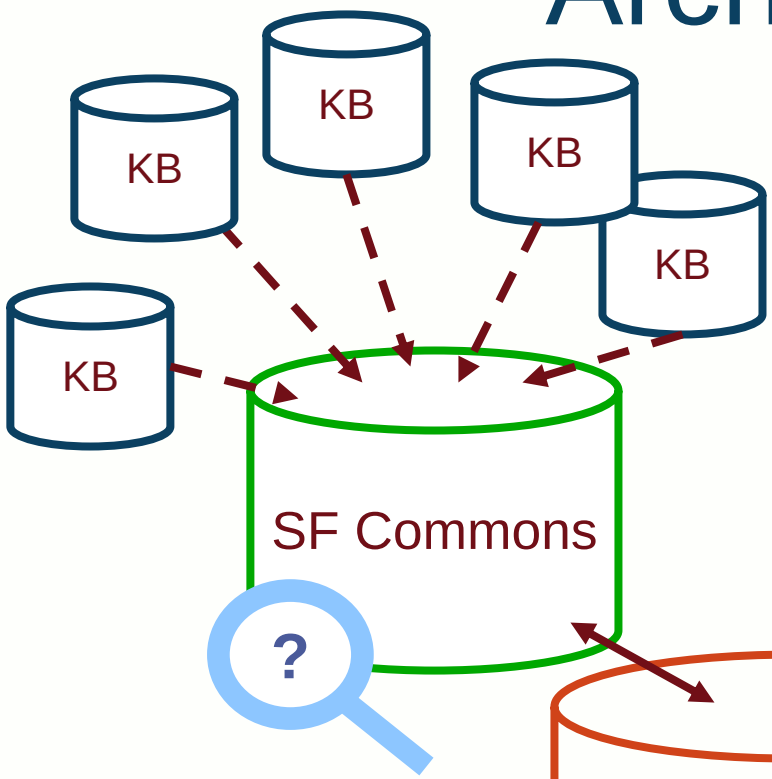
URL: http://repositories.cdlib.org/jmie/sfews/

San Francisco Estuary and Watershed Science is an open access, peer-reviewed journal that publishes research about the science and resource management of San Francisco Bay, the Sacramento-San Joaquin River Delta, and the upstream watersheds. The journal is published jointly by the CALFED Science Program, the California Digital Library eScholarship Repository, and the University of California, Davis John Muir Institute of the Environment.

There are five main objectives for *San Francisco Estuary and Watershed Science*:

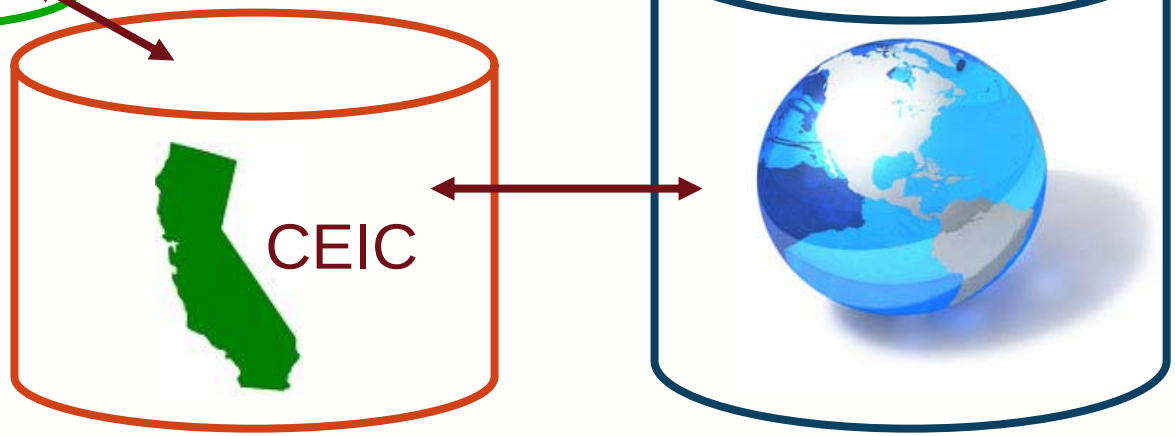
1. To provide timely, Internet-based communication of peer-reviewed results of basic and applied research, as well as reviews and syntheses of information, principles, conclusions, and interpretations on key regional issues that specifically add to our understanding of the Bay-Delta estuary, its watershed and adjacent coastal ocean, and the management of their resources.

Based on a Distributed, Open Architecture



- Continually updated
- Digital library network
- Open-source software

- Data-sharing controlled by data owner
  - Decision what and when to publish
  - Creative Commons licensing



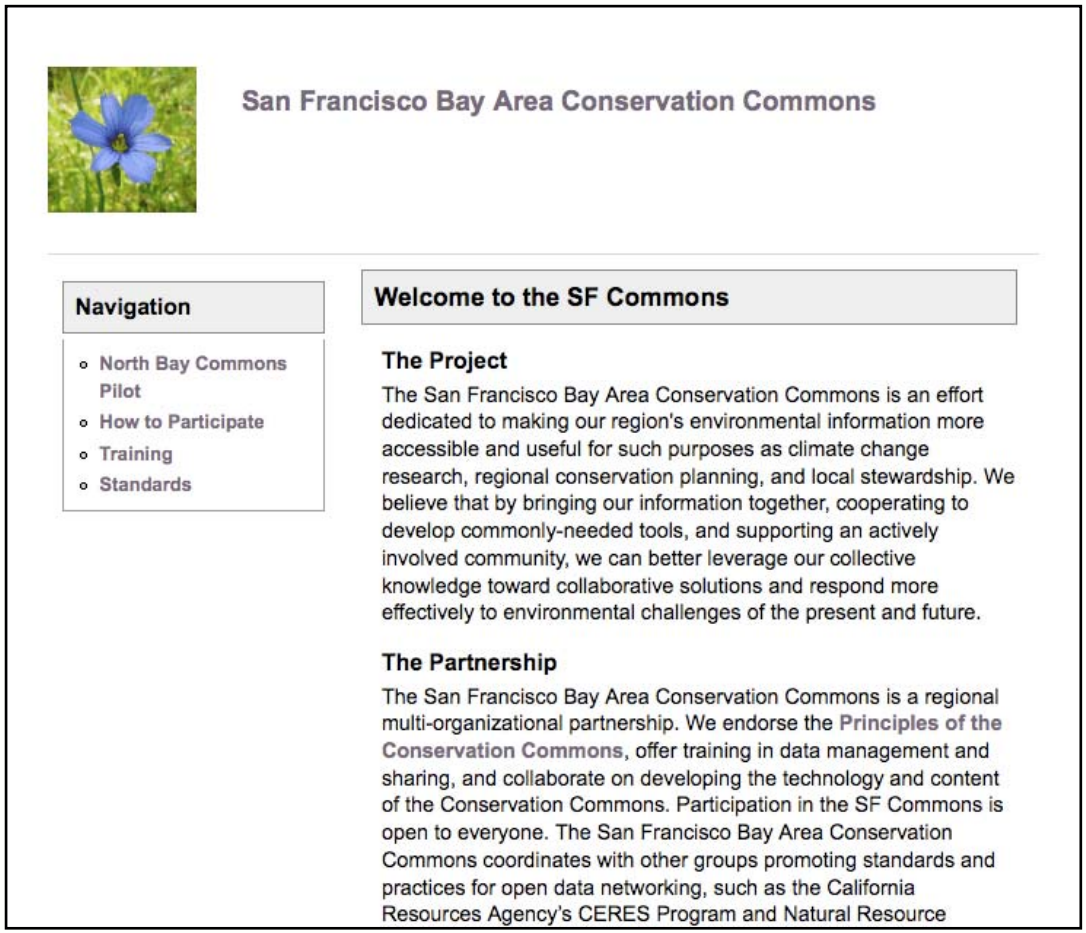
Status of Effort

- Technical and Steering Committees
- Developed a project description standard
- Some prototyping
- Conducted three training workshops

- *Ready to begin larger effort*

How to Get Involved

sfcommons.org



- Take our survey!
- Be a test-user
- Share your data
- Participate in development
- Help fund the Commons

Funding needed for development, training, support!

Supporters to date

- Army Corp. of Engineers
- Sonoma County Water Agency
- State Water Resources Control Board
- Federal Geographic Data Committee
- Gerbode Foundation


Be part of the solution….
Share your data!