

# Metadata Training and Support for Conservation Practitioners

Sonoma Ecology Center

May 14, 2012



# Project Goals

- Increase sharing of conservation related spatial datasets
- Provide training for conservation community to properly document spatial datasets using FGDC standards
- Offer metadata creation and data sharing support

# Intended Audience

- Conservation Practitioners of the North San Francisco Bay Area
- Users of the California Conservation Commons
- Climate change research community

# Collaborating Organizations

- California Conservation Commons
- North Bay Climate Adaptation Initiative
- California Landscape Conservation Cooperative
- California Resources Agency CERES Program

# Project Steps

- Create an online forum for GIS analysts and data managers to voice their metadata training needs
- Provide training workshops: live and web-based
- Offer metadata creation and data sharing support

# Metadata Creation Discussion Forum

- A short survey will be sent to the regional conservation community
- Survey questions and answers will be posted online
- Survey will guide the focus of our metadata training sessions

# Training Session

## One-Day Hands-On Workshop

- Overview of the FGDC metadata standard
- Metadata creation tools
- Data management practices
- Contribution of data to Conservation Commons
- Addressing results of the survey topics TBD

# Training Session Webinar Series

- Three to four one-hour sessions
- Recorded and offered for download
- Target data managers who cannot attend live training

# SF Commons

sfcommons.org

## San Francisco Bay Area Conservation Commons

### User login

Username: \*

Password: \*

Log in

- [Create new account](#)
- [Request new password](#)

Search this site:

Search

### Navigation

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### Welcome to the SF Commons

The **San Francisco Bay Area Conservation Commons** is an accessible and useful for conservation of our region's natural resources. Through the commonly-needed services we can leverage our collective knowledge and address the challenges of the present and future. [Read more about this effort](#)

### Data and Data Sources

#### Featured Document:

#### [Adapting to Climate Change](#)

State of the Science for North Bay Watersheds: A Guide for Managers

### Organizations

#### Featured Organization:

[California's Landscape Conservation Cooperative](#)

Home

### Landcover NLCD (Upland Habitat Goals)



Browse Graphic (click for larger):

Abstract

(No metadata; appears to be NLCD 2001 Land Cover: <http://www.mrlc.gov/>)

**Resource Type:** GIS Layer

**Data Source:** [Upland Habitat Goals GIS Data Collection](#)

**Supplemental Info:**

[Upland Habitat Goals 200807 / Cons Planning / NLDC Landcover](#)

**Start Date:** 2001

**End Date:** 2001

[Login or register](#) or [Imagery base maps and land cover](#) [Land](#) [Dataset](#) [Geographic information register](#) to post comments

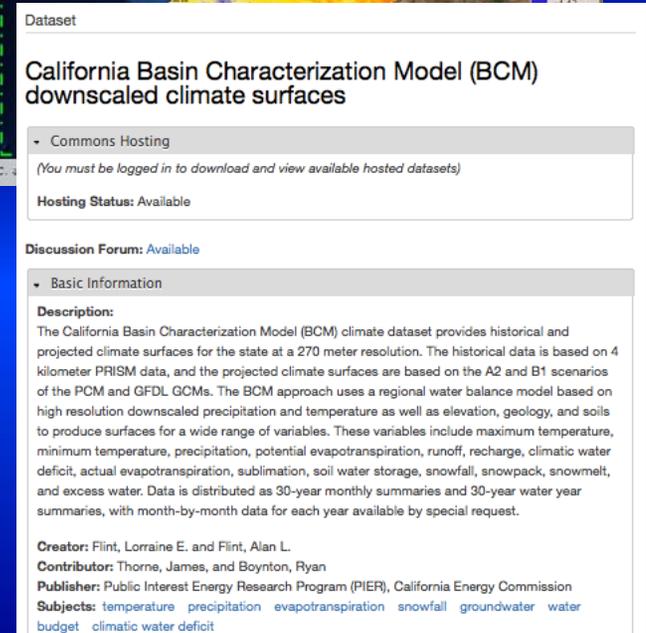
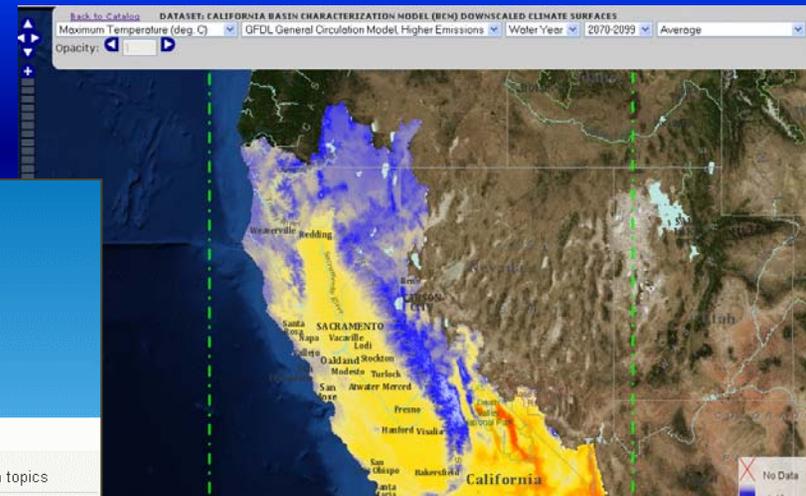
No Records linked to this Data Source

# California Climate Commons

climate.calcommons.org



The screenshot shows the homepage of the California Climate Commons website. At the top, there is a banner with the text "California Climate Commons" over a colorful map of California. Below the banner is a navigation menu with links for Home, Data Catalog, Document Library, Web Resources, Information Pages, Hosted Datasets, and Forums. A search bar is located on the left side. The main content area features a "Welcome to the California Climate Commons" message, followed by a description of the site's purpose and a list of resources. On the right, there is a section for "Active forum topics" with links to various discussions. At the bottom, there are sections for "Data Catalog" and "Reference Materials" with sub-links for "By Type", "By Subject", and "By Title (all)". A "User login" section is also present on the left side.



The screenshot shows the dataset page for the California Basin Characterization Model (BCM) downscaled climate surfaces. The page includes a "Dataset" section with the title "California Basin Characterization Model (BCM) downscaled climate surfaces". Below the title, there is a "Commons Hosting" section with the text "(You must be logged in to download and view available hosted datasets)" and a "Hosting Status: Available" indicator. A "Discussion Forum: Available" section is also present. The "Basic Information" section provides a detailed description of the dataset, including the resolution (270 meter), the data sources (PRISM and GFDL GCMs), and the variables included (maximum temperature, minimum temperature, precipitation, potential evapotranspiration, runoff, recharge, climatic water deficit, actual evapotranspiration, sublimation, soil water storage, snowfall, snowpack, snowmelt, and excess water). The page also lists the creator (Flint, Lorraine E. and Flint, Alan L.), the contributor (Thorne, James, and Boynton, Ryan), the publisher (Public Interest Energy Research Program (PIER), California Energy Commission), and the subjects (temperature, precipitation, evapotranspiration, snowfall, groundwater, water budget, climatic water deficit).

# Metadata Support & Resources

- Work with managers of critically important datasets for the Climate and SF Commons
- Create FGDC-compliant metadata records
- Create catalog records on the Commons
- Ask data owner to review and complete FGDC metadata
- Post metadata as attachment to catalog record on the Commons