



# [The California Landscape Conservation Cooperative](#)

August 16, 2016



The CA LCC's vision is to support diverse and thriving ecosystems through lasting cooperative partnerships.

[Visit the CA LCC website](#)

[Visit the Climate Commons](#)

[Visit the National LCC website](#)

## Upcoming Events

[California Climate Change Symposium](#)

September 6, 2016  
Long Beach, CA

[California Adaptation Forum](#)

September 7-8, 2016  
Long Beach, CA

[Natural Areas Conference](#)

October 18-20, 2016  
UC Davis

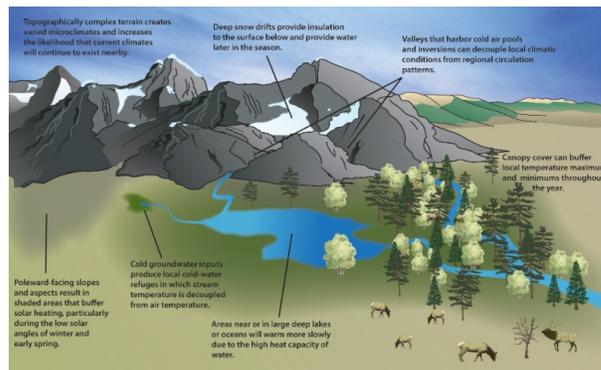
## News & Events

### CA LCC Science!

This week a team of researchers supported by the CALCC and Climate Science Center released a study titled "Managing Climate Change Refugia for Climate Adaptation". Climate change refugia refers to areas relatively buffered from contemporary climate change over time that enable persistence of valued physical, ecological, and socio-cultural resources. These areas need to be identified, managed, and conserved for at-risk species. This study sets out, for the first time, specific steps to help identify and manage these more resilient and climate-stable havens for plants, animals, and fishes.

[Access the article here](#)

[Access past CALCC webinars on this topic here](#)



## Online course: Managing for a changing climate

**Course begins: August 22st, 2016**

The University of Oklahoma is offering a **free online course** that will provide an integrative understanding of the components of the climate system including the range of natural climate variability and external drivers of climate change in addition to impacts of a changing climate on multiple sectors such as the economy, policy, ecosystems, and indigenous populations. The course features lectures from managers and scientists and is supported by the South Central Climate Science Center.

[Register and learn more here](#)



## A new tool for visualizing phenological shifts

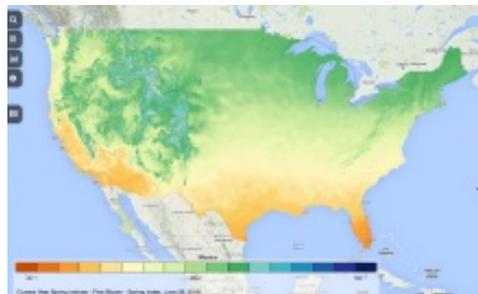
The USA National Phenology Network (NPN) promotes a broad understanding of plant and animal phenology and its relationship with environmental change. The Network is a consortium of individuals and organizations that collect, share, and use phenology data, models, and related information.

The NPN Phenology Visualization Tool allows you to:

- Explore maps of accumulated growing degree days (often used to predict the timing of life cycle transitions) and the Spring Indices (an indicator of the "start of spring") to learn how spring unfolds in a particular year and how spring compares between years;
- See which species and locations are data-rich;
- Find patterns like the relationship between spring temperature and the timing of flowering;
- Answer questions such as "Did butterflies migrate earlier or later this year compared to last year?".

[Access tutorials here](#)

[Access the tool here](#)



## The Coastal Conservancy is hiring!

**Applications due: August 26th, 2016**

The State Coastal Conservancy has a position open for a project manager to work in their Central Coast program. The position, Conservancy Project Development Analyst I, involves developing and managing projects to protect and restore coastal habitats and provide public access to natural areas. Typical Conservancy projects include: planning and construction of statewide or regional trails (such as the

Coastal Trail or San Francisco Bay Trail); acquisition of lands or conservation easements to protect wildlife habitat, open space, or agriculture; planning and implementing wetland and watershed restoration projects; and planning and implementing urban waterfront revitalization projects. The Conservancy works primarily by providing grants and technical assistance to partner organizations.



[Click here to learn more and apply](#)

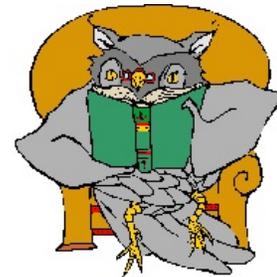
---

## Good Reads

[Can flooded rice fields be the solution in California's water war?](#) - SF Chronicle

[Salton Sea's Evolving Flows](#) - Audubon

[Visualizing flows - a sandbox experience with modeling](#) - California Waterblog



---

## Photo of the Week - A pond near the American River, California



Mike Long, Division Chief, Listing and Recovery with Pacific Southwest Region, Sacramento. [link](#)