

A California Phenology Project workshop: Using phenology to detect plant responses to climate change

Who: professional scientists, educators, citizen scientists, and nature enthusiasts

Where: Lava Beds National Monument, Research Center Building (see detailed directions below)

When: Monday, June 11th, 9am-3pm

CPP website: www.usanpn.org/cpp

Note: we recommend that you explore the CPP website prior to the workshop to learn a bit about this project!



Workshop Agenda

- 8:45am: Arrive at Research Center Building, Lava Beds National Monument (*directions below*)
- 9:00am: Introductions & What to Expect
- 9:15am-12:00pm: Presentation, hands-on practice, and discussion:
- The link between climate change and phenology
 - Introduction to the California Phenology Project (CPP) and the USA National Phenology Network (USA-NPN)
 - Move outside: hands-on practice monitoring plant phenology!
 - Demonstration of Nature's Notebook: the user-friendly USA-NPN interface for contributing phenological data
- 12:00am – 1:00pm: **LUNCH BREAK** (everyone should bring a bag lunch!)
- 1:00- 3:00pm: Wrap-up morning content, discussion, and opportunity for Q&A
- Logistics of implementing phenological monitoring at natural areas (e.g., learn how to establish monitoring sites, label plants, and record important field information)
 - How to get involved in the CPP, as an educator, scientist, student, or natural area representative
 - Developing educational and interpretive activities around phenological monitoring

Workshop Facilitators: Dr. Susan Mazer and Dr. Liz Matthews, CPP Field Coordinators, University of California, Santa Barbara; email: phenology@eemb.ucsb.edu

Directions to Lava Beds National Monument Research Center: After entering the park from the North Entrance on Hill Road, turn right towards the fee station. Follow the main park road for 8-9 miles. Soon after you pass the Visitor Center on your right you will drive down the hill and turn left onto the road leading to the campground. Take your first right onto a Service Road which will lead you right up to the Research Center. Download directions to the park here: <http://www.nps.gov/labe/planyourvisit/directions.htm> (maps of the park can be downloaded here: <http://www.nps.gov/labe/planyourvisit/maps.htm>).

