

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

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

Where: Lassen Volcanic National Park, Loomis Ranger Station (see detailed directions below)

When: Thursday, June 14th, 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 Loomis Ranger Station, Lassen Volcanic National Park (*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 Lassen Volcanic National Park, Loomis Ranger Station: The ranger station is near Manzanita Lake, on the right just past the Northwest entrance station (park in the lot near the Loomis Museum). Download directions to the Northwest entrance here: <http://www.nps.gov/lavo/planyourvisit/directions.htm> (maps of the park and surrounding area can be downloaded here: <http://www.nps.gov/lavo/planyourvisit/maps.htm>).

