

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

When: Thursday, July 19th, 9am-12pm

There are two opportunities to attend the Introductory workshop – Thur. 9am-12pm or Sat. 10am-12pm

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

Where: Golden Gate National Recreation Area, Building 1216 in the Presidio (directions below)

Cost: Free!

RSVP by Tuesday July 17th

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

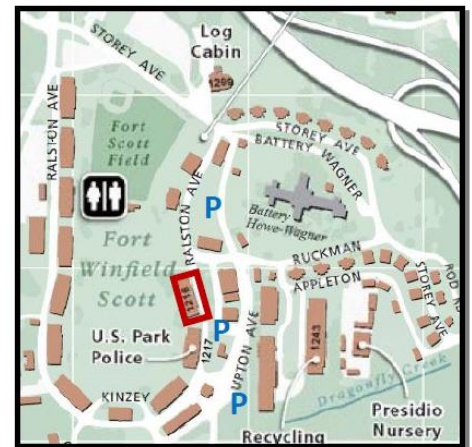
INTRODUCTORY SESSION

- 8:45 am: Arrive at The Natural Resources Building 1216, Presidio (*directions below*)
- 9:00 am: Introductions & What to Expect
- 9:15 am-12:00 pm: Presentation 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 at the Presidio Nursery!
 - Demonstration of Nature's Notebook: the user-friendly USA-NPN interface for contributing phenological data

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

Contact: For more information about the workshop and to RSVP, please contact Ruby Kwan at rkwanppsintern@gmail.com

Directions: The Natural Resources Building 1216 is located at Fort Scott in the northwest section of the Presidio. The address is 1216 Ralston Ave., San Francisco. Find directions to Fort Scott here: <http://www.presidio.gov/explore/Pages/fort-scott.aspx>. Once at Fort Scott, follow the map on the right to find parking and the location of Building 1216.



P Locations with available PARKING
□ Building 1216



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

When: Saturday, July 21st, Introductory workshop 10am-12pm; Field workshop 1pm-4pm

The Field workshop from 1pm-4pm is complementary to the Thursday and Saturday Introductory workshops. If you attend the Thursday workshop, you have the option to attend only the afternoon session on Saturday and meet at the Lobos Dunes trail head in the Presidio

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

Where: Golden Gate National Recreation Area, Building 1216 in the Presidio (directions below)

Cost: Free!

RSVP by Tuesday July 17th

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

INTRODUCTORY SESSION

- 9:45 am: Arrive at The Natural Resources Building 1216, Presidio (*directions in Thur. workshop flyer*)
- 10:00am-10:15am: Introductions & What to Expect
- 10:15am-12:00pm: Presentation and discussion:
- The link between climate change and phenology
 - Introduction to the California Phenology Project (CPP) and the USA National Phenology Network (USA-NPN)
- 12:00pm-12:45pm: **LUNCH BREAK** (everyone should bring a bag lunch!)

FIELD SESSION

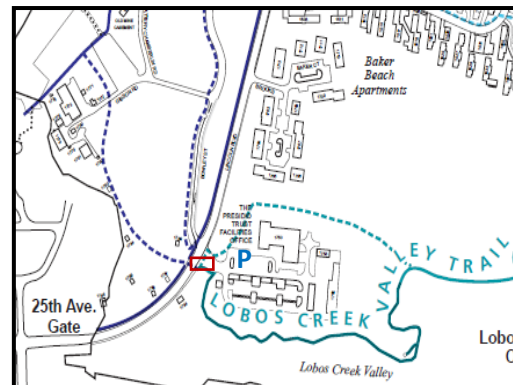
- 1:00pm-4:00pm: Meet at Lobos Dunes trail head (*directions below*)
- Wrap-up morning content, discussion, and opportunity for Q&A
- Move outside: hands-on practice monitoring plant phenology in the Presidio
 - Demonstration of Nature's Notebook: the user-friendly USA-NPN interface for contributing phenological data
 - 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

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Contact: For more information about the workshop and to RSVP, please contact Ruby Kwan at rkwanppsintern@gmail.com

Directions: The Lobos Dunes trail is located near the 25th Avenue gate into the Presidio. Find directions to the Lobos Dunes trail here: <http://www.presidio.gov/explore/trails/Pages/mountain-lake-trail.aspx>.

If you are traveling from the 25th Avenue gate on Lincoln Ave., the Lobos Dunes trail will be on the right. If traveling towards the gate on Lincoln Ave., drive past the Baker Beach Apartments and the trail will be on the left.



P Locations with available PARKING
 Lobos Dunes trail head