

Workshop: The California Phenology Project

Santa Monica Mountains National Recreation Area

SATURDAY, APRIL 5, 2014 | 9 am – 3 pm | SMM Park Headquarters

AGENDA

9:00 start	Introductions and brief round-robin
9:20-10:20	Phenology, visualizing phenological variation, linking phenology to climate change, ecological consequences of phenological change, and a few case studies
10:20-10:35	Break
10:35-11:30	California Phenology Project: design, use of historical data, species selection for current monitoring, protocols and a few results to date. USA National Phenology Network: entering data on Nature's Notebook (on-line or using the Nature's Notebook app), target species, and resources available.
11:30-11:45	Break and discussion
11:45-12:30	Practical guide to setting up a public monitoring program: teaching botany for minimalists; best practices and lessons learned.
12:30-3:00	Picnic lunch and short drive to nearby parklands to practice hands-on phenological monitoring and to plan for future participation in the California Phenology Project at Santa Monica Mountains NRA or in your school yard, back yard, or nearby park or public lands.

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Quercus lobata at Cheeseboro Canyon Spring 2014

The California Phenology Project: www.usanpn.org/cpp

The USA National Phenology Network: <http://www.usanpn.org>

SELECTED ONLINE RESOURCES for climate change & phenology workshop

PHENOLOGY

USA National Phenology Network <https://www.usanpn.org/>

California Phenology Project <https://www.usanpn.org/cpp/>

Additional partners with the USA-NPN <https://www.usanpn.org/partner/current>

CLIMATE CHANGE

Intergovernmental Panel on Climate Change (IPCC) <http://www.ipcc.ch/>

C2ES – Center for Climate & Energy Solutions (formerly Pew Center on Climate Change)
<http://www.c2es.org/>

U.S. CLIMATE CHANGE RESEARCH PROGRAMS & RESOURCE MANAGEMENT ACTIVITIES

United States Global Change Research Program <http://www.globalchange.gov>

U.S. Department of Interior – Strategic Response to Climate Change
<http://www.doi.gov/whatwedo/climate/strategy/index.cfm>

U.S. Climate Science Centers <http://www.doi.gov/csc/index.cfm>

U.S. Landscape Conservation Cooperatives <http://www.doi.gov/lcc/index.cfm>

USGS National Climate Change & Wildlife Science Center <http://nccwsc.usgs.gov/>

National Park Service Climate Change Response Program:
<http://www.nature.nps.gov/climatechange/index.cfm>

PUBLIC PARTICIPATION IN SCIENTIFIC RESEARCH (CITIZEN SCIENCE)

Citizen Science Central (Cornell Lab of Ornithology) <http://www.birds.cornell.edu/citscitoolkit>

EDUCATION/OUTREACH RESOURCES

350.org <http://www.350.org/>

Climate Central <http://www.climatecentral.org/>

Union of Concerned Scientists http://www.ucsusa.org/global_warming/

Climate Science Watch <http://www.climatesciencewatch.org>

Climate Change Education <http://www.climatechangeeducation.org>

California Climate Change Portal <http://www.climatechange.ca.gov>

California Climate Change & Energy: Education Resources Catalog <http://globalwarmingcalifornia.n>