

PROGRAM & SCHEDULE

PSW Research Station Climate Workshop 2008

042808 millar

Date: April 30 (8am) – May 1, 2008 (3:00pm)

Location: Institute of Forest Genetics, 2480 Carson Road, Placerville, CA 95667,
Phone (530) 622-1609

Program Contact: Connie Millar, cmillar@fs.fed.us, phone 510-5596435

Logistics and Webpages Contact: Diane Delany, ddelany@fs.fed.us, phone 510-559-6425

Agenda

All Sessions meet in IFG Main Conference Room except as noted

April 30 (Wed)

8am – 10:00 am Climate Program Updates. Moderating: Connie Millar

- 8:00 *Welcome:* Connie Millar, Duane Nelson, Andrew Groover
- 8:10 *Introductions* (round the room)
- 8:20 Al Solomon; *National FSR Global Change Program and Strategy*
- 8:40 Beth Pendleton; *Climate planning at Region 5 and opportunities for PSW collaboration*
- 9:00 Garland Mason, Hao Tran, Peter Stine; *PSW Station current context regarding climate*
- 9:20 Connie Millar; *Westwide Climate Initiative, CIRMOUNT, Western Mountain Initiative*
- 9:30 Mark Nechodom; *California state climate initiatives*
- 9:45 Michael Furniss and Cindy Miner; *PSW communication programs for climate*

10:00 – 10:30 am Break

10:30 – Noon Science Updates from Scientists. Moderating: Andrew Groover

- 10:30 Christian Giardina, *Climate change and carbon cycling - from model Hawaiian experimental systems to continental scale studies*
- 10:50 Jianwei Zhang, *Intensively managing plantations for carbon*
- 11:10 Mark Nechodom, *Update on forest mitigation strategies, Alder Springs Biomass Project*
- 11:30 Kelaine Vargas, *Urban forest greenhouse gas reporting protocols for the California Carbon Action Registry*

Noon – 1pm Lunch

1:00 – 3:00 Science Updates, Continued. Moderating: Christian Giardina

- 1:00 Tom Lisle, *Assessment of watershed vulnerabilities to global climate change*
- 1:20 Michael Furniss, *Water and climate change: Watershed vulnerability*
- 1:40 Carolyn Hunsaker, *Precipitation and stream flow variability for the Southern Sierra Nevada with a changing climate*
- 2:00 Andrew Groover, *Identifying genetic mechanisms regulating wood traits relevant to carbon sequestration and biofuels in Populus*
- 2:20 Kathie Jermstad, *QTL-by-Environment interactions for spring bud flush in Douglas-fir; Summing up*
- 2:40 Jessica Wright, *Conservation genetics and climate change*

3:00 – 3:30 Break

3:30 – 5:00 Science Updates, Continued. Moderating: Andrzej Bytnerowicz

3:30 Kathleen Matthews, *Climate change and high elevation amphibians*

3:50 Amy Lind, *Sierra Nevada amphibian studies: Brief update*

4:00 Rich Mackenzie, *Impacts of climate change on the ecosystem services of Micronesian mangrove forests*

4:20 Connie Millar, *Studies in high-elevation responses to climate variability; trees, pika, and periglacial processes*

4:40 Bob Westfall, *Genecological responses in western conifers to climate change over the last two millennia*

5:30 – 6:30 Reception/Mixer, IFG Staff House

**6:30 pm Catered Dinner
Entertainment, The Sierra Pikateers**

May 1 (Thurs)

8:00 – 8:30 Communications. Moderating: Connie Millar

8:00 Roland Giller, *Communicating Climate Science to the Public*

8:15 Diane Delany, *PSW Station Climate-Topics Website; Input and Opportunities*

8:30 – 10:00 Science Updates, Continued. Moderating: Tom Lisle

8:30 Andrzej Bytnerowicz; *Air pollution & climate change interactive effects on forests*

8:50 Susan Frankel; *Storytelling: Forest diseases, climate, and climate change*

9:10 Det Vogler; *White pines in the Tahoe Basin: Global change in a fishbowl*

9:30 Haiganoush Preisler; *Modeling wildfire and forest insect disturbances in a changing climate*

9:50 – 10:10 Break

10:10 – 11:10 Science Updates, Continued. Moderating: Kathleen Matthews

10:10 Carl Skinner; *Exploring fire and climate interactions in southwest Oregon and California*

10:30 Nikola Smith; *Climate change and USFS national policy*

10:50 Sharon Yeh; *The Tahoe National Forest case study in adaptation to climate change*

11:10 - 12:00 Sierra Nevada Climate Center Proposal & Discussion

Steve Eubanks, Sierra Nevada Conservancy

12:00 – 12:15 Into to PSW Station Climate Program Discussion

Pete Stine and Pat Manley

12:15 – 1pm Lunch

1pm – 3pm PSW Station Strategic Planning: Discussion.

Facilitators: Peter Stine and Pat Manley

Topic of Discussion: What are PSW's strengths, talents, legacies? What are our challenges and how can we develop and strengthen our science role in climate-related research, applications, and collaborations?

Outcome: Information will be used to develop a short station climate-science strategy paper

Pre-work: a draft document was sent for review

3pm ADJOURN
