

What does every land manager and educator need to know about climate variability/change and its impacts on Southwestern forest ecosystems?

Workshop on Climate Variability & Ecosystem Impacts in Southwestern Forests and Woodlands

Feb. 7-9, 2005 at Arizona's Sedona Hilton

Join leading scientists and educators to learn more about climate and paleoecology research and address the need for practical tools and information for natural resources managers, decision-makers and the general public.

Fire – Insects – Grazing – Invasive Plants – CO₂ – Spatial Scale – Plant Dispersal

Registration fee of \$85 includes workshop participation, lunches and snacks Feb. 8 and 9.

Field trip to area forests from on Feb. 7 includes lunch and transportation for an additional cost of \$40.

Special rates of \$55 for a single room, \$85 double at Sedona Hilton!



Early bird rate of \$85 lasts through Jan. 10, 2005.

Late registration is \$120.

Look for registration info. online at the address below:

To register, go to: <http://ag.arizona.edu/extension/fh> or call: (928) 425-7179

Condensed Agenda for Climate Variability & Ecosystem Impacts in Southwestern Forests and Woodlands Workshop

Feb. 7-9, 2005 at Arizona's Sedona Hilton

Monday, Feb. 7:

11:30-5:00 Optional field trip to area forests (lunch included)

6:00-7:30 Poster Session (hors d'oeuvres/cash bar)

Tuesday, Feb. 8:

8:00 *Climate Change in the Southwest: Past, Present and Future*

Jonathan Overpeck

Director, UA Institute for the Study of Planet Earth

9:00 *Climate-induced Ecological Disturbance*

Thomas W. Swetnam

Director, UA Lab. of Tree-Ring Research

10:30 *Projected Ecological Response to Climate Change*

Ronald Neilson

USDA Forest Service Laboratory – Oregon State University

11:30 *Management and Education Vision*

Charles Hutchinson

Director, UA Arid Lands Resource Science

1:15-5:00 Disturbance Impact talks, followed by concurrent breakout sessions and summary reports

Fire: **H.B. "Doc" Smith**
NAU Ecological Restoration Institute

Insects: **Michael Wagner**
Regents Prof., Entomology, NAU School of Forestry

Grazing: **Thomas Sisk**
Director, NAU ForestERA Program

Wednesday, Feb. 9:

8:00-10:45 Ecological Response talks, followed by concurrent breakout sessions

Spatial scales, linear vs. non-linear:

John Kupfer

UA School of Natural Resources

Recruitment, dispersal and survivorship:

Julio Betancourt

UA Geosciences/US Geological Survey

CO₂ Fertilization: **Bruce Kimball**
USDA, Agric. Research Service, Phoenix

Invasive Plants: **Kathryn Thomas**
US Geological Survey, Flagstaff

11:00-12:00 *Humans, Environment and Climate*

Terry Daniel

UA Department of Psychology

1:15-4:15 Focused talks, followed by concurrent breakout sessions and summary reports

Natural Resource Management

Marlin Johnson (Invited)

USDA Forest Service, R-3

Extension and Education

Deborah Young

Assoc. Director, UA Cooperative Extension

Get full agenda and speaker bios online:

<http://ag.arizona.edu/extension/fh>