

f for Your information



Caring for the Land and Serving People

www.psw.fs.fed.us

Pacific Southwest Research Station, Albany, CA 94710

Leaders Form Framework to Manage Sierra

Region 5 Regional Forester Lynn Sprague and PSW Station Director Hal Salwasser are working with other FS and natural resources leaders to develop a Sierra Nevada Conservation Framework, based on the work that was done for the Sierra Nevada Ecosystem Project and the FS' own revised draft environmental impact statement (RDEIS), which addressed the management of California spotted owl habitat and associated resources in forests of the Sierra Nevada.

The framework will address major issues and needs, identified in SNEP, the RDEIS, and scientific reviews of the RDEIS, with the overarching goal of sustaining the health, productivity, and resilience of Sierra Nevada ecosystems, in concert with meeting the needs of people and communities whose well-being depends in various ways on the Sierra Nevada. Issues include: water and riparian areas, forest fuels management and forest health, late-succession forests, wildlife associated with old forests, native biodiversity, sustainable production of natural resources, roads and roadless area management, and community vitality. The framework will also identify research and education actions needed for successful implementation. These research, educational, and monitoring objectives will be used to identify priority projects by PSW, the University of California, and others.

For more information about the Sierra Nevada Conservation Framework, contact Connie Millar, PSW Albany, at (510) 559-6435, or Mike Chapel at (530) 478-6203.

Redding 'Shares' Key Soils Council Position

Terrie Alves and Bert Spear, members of the Soil Processes Science Team, Redding, were jointly elected as Secretary/Treasurer of the California Forest Soils Council (CFSC). The CFSC was established in 1981 at the request of several professional societies to encourage a more widespread understanding that soil is the basis for forest timber, forage, water, wildlife and recreation values and to spread the appreciation and practice of sound soil management through education. The Secretary/Treasurer position is key to the Council's success. Among the major responsibilities are managing the CFSC's fiscal assets, and producing, publishing, and circulating the periodic newsletter to the Council's approximately 200 active members. Terrie and Bert also share a PSW office. Immediate goals include developing a CFSC web site and bringing new vitality to the organization.

New to PSW

Carolyn Hunsaker joined the Sierra Nevada Montane Ecosystems Research Unit, Fresno, in January as a Research
(continued)

Project Leaders' Meeting Moved to June

The meeting of PSW Project Leaders/Group Leaders is now planned for June 9-10, in Sacramento, Station Director Hal Salwasser has announced. It had been set originally for March 11-13, but had to be changed due to conflicting schedules.

Hal also announced that the Station will host a meeting of the Green Team on May 11-15, in Reno, with a field trip to the Station's Blacks Mountain Experimental Forest, in northern California, planned for May 13. The Green Team consists of the FS Deputy Chief—Research and Development, Associate Deputy Chief, Washington Office Research Staff Directors, and Station Directors.

Hal has assigned Program Manager Phil Aune the lead role in developing the agenda for the Sacramento meeting, and Assistant Station Director Garland Mason the comparable role for the Green Team meeting.

Teakettle Experiment Online

An experiment to compare the effects of thinning and burning on ecosystem function in old-growth, mixed conifer forests is being organized at the Teakettle Experimental Forest, east of Fresno. A web site with information about the Teakettle experiment has been established at <http://weber.u.washington.edu/~boakley/TKmain.html>. Malcolm North, Sierra Nevada Montane Ecosystems Research Unit, Fresno, is coordinating the experiment.

In Memoriam

Henry W. Anderson, who for three decades headed watershed research at the Station, died at age 86, on October 3, 1997, in Carson City, Nev. His studies focused on hydrologic processes in mountain watersheds. He joined the FS in 1946, after earning a forestry degree at the University of California at Berkeley. He retired in 1976. At PSW, he for a time oversaw snow management research in cooperation with State agencies. Henry wrote more than 90 publications and 60 engineering technical reports. He is survived by two sons, Peter and Richard, a daughter, Sara Sue, and four grandchildren.

Meetings/Conferences/Seminars

* Jim Allen, Forested Wetlands Research Team, Honolulu, served as a moderator for a 6-hour breakout session, "The protection and restoration of wetlands," at the Hawaii Conservation Forum, held Feb. 11 in Kailua, Oahu. He also represented the team's report to the Forum, along with Dennis O'Dowd, Duane Nelson, Jack Ewel, and Kathy Ewel.

(continued)

Landscape Ecologist. Previously, she was for 16 years a research staff member in the Environmental Sciences Division at Oak Ridge National Laboratory (ORNL) in Tennessee, where her research focused on characterizing water quality and aquatic ecology for regional studies, both freshwater and marine. She worked for 7 years with the U.S. Environmental Protection Agency's Environmental Monitoring and Assessment Program, for 2 years with an environmental consulting firm in California, and spent a summer at the California Energy Commission.

In 1980 Carolyn received her Ph.D. degree in environmental science and engineering from the University of California, Los Angeles. She also has B.S. and M.A. degrees in biology. In 1995 Carolyn was a Visiting Fellow at the National Center for Geographic Information and Analysis, University of California, Santa Barbara.

She is a member of numerous professional organizations, and has authored or co-authored nearly 50 research publications. She is an adjunct professor at the University of Tennessee in Knoxville and Utah State University in Logan. Carolyn will continue work with Utah State University on remotely sensing the condition of rangeland, in addition to her work at PSW.

Executive Calendar

March 2-6

Salwasser M-Tu: WO; W-F: Annapolis
 Aune M-F: Redding
 Bell (Acting) M: San Francisco; Tu-Th: Boise, Ida.; F: Sacramento
 DeMuth (Backup) M-Tu: Albany; W: Sacramento; Th-F: AL
 Ewel M-F: Honolulu
 Mason M-Tu: Albany; W-F: Redding

March 9-13

Salwasser M: Albany; Tu-W: Arcata; Th-F: Albany
 Aune M-F: Redding
 Bell (Acting) M-F: Albany
 DeMuth (Backup) M-F: AL
 Ewel M-F: Honolulu
 Mason M-Tu: Arcata; W-F: Albany

* Greg McPherson, Project Leader— Urban Forestry Research Unit, Davis, gave a talk, "Overview of urban forest research," at the Building Research Institute in the Japanese Ministry of Construction, Jan. 19-22 in Tsukuba City, Japan.

* Paula Peper, Urban Forestry Research Unit, Davis, gave two talks, "Tree production and planting techniques to prevent tree root/sidewalk conflicts," and "Survey of Statewide problems between sidewalks and tree roots, and possible solutions," at the Fall National Meeting of the American Geophysical Union, Dec. 8-12 in San Francisco.

* Quingfu Xiao of the University of California at Davis presented a poster paper, co-authored by Greg McPherson and Jim Simpson, Urban Forestry Research Unit, Davis, "A new rainfall interception measuring system," at the Fall National Meeting of the Geophysical Union, Dec. 8-12 in San Francisco.

Four scientists representing PSW presented papers at the 19th Annual Forest Vegetation Management Conference, Jan. 20-22, in Redding:

* Jan Beyers, Prescribed Fire/Fire Effects Research Unit, Riverside, "Effects of grass seeding on native vegetation."

* Tom Conkle, Project Leader—Forest Genetic Research Unit, Albany, "The importance of seed zone and genetics for successful plantation establishment,"

* Phil McDonald, Forest Growth/Development Science Team, Redding, "30-year results of vegetation control in Mt. Shasta."

* Pete Wohlgenuth, Prescribed Fire/Fire Effects Research Unit, Riverside, "Effects of fire and grass seeding on soil erosion in chaparral."

Job Vacancies

Closes

Entomologist, GS-0414-7/9, Placerville	3-9-98
Computer Specialist, GS-0334-9/11, Arcata	3-16-98
Res. Landscape Ecologist, GS-0408-12/13/14, Arcata	3-20-98
Biological Aid/Technicians, GS-0404-4/5/6/7	9-28-98

Pacific Southwest Research Station
 U.S. Department of Agriculture, Forest Service
 P.O. Box 245
 Berkeley, CA 94701-0245