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Pacific Southwest Research Station, Albany, CA 94710

Fire Managers Hold Modeling Workshop

The Station's Wildland Fire Management Program sponsored a workshop on strategic fire planning models, July 28-August 1, at the Forest Fire Laboratory, Riverside. Organized by Armando González-Cabán, the workshop provided the attendees the opportunity to exchange information, better understand the operational models in fire planning, and explore opportunities for future cooperation in developing fire models.

Canada, Russia, Spain, and the United States are the only countries known to have developed operational fire models or who are close to developing such models. At the workshop, models from each country were described and discussed by the developer or a representative. Attendees came from Canada, and Chile, Russia, and Spain, as well as from nearby. FS attendees included PSW Assistant Station Director Enoch Bell, Program Manager Richard Kimberlin, two members of the Program: Marc Wiitala and Carl Dammann; and Andrea Koonce, formerly with PSW and now with the FS Washington Office Research Staff.

Of the four operational models developed in the United States, two were developed by the Forest Service (NFMAS and ADFFF) one by the USDI National Park Service (FIREPRO), and the other by the California Department of Forestry and Fire Protection (FPPS/CFES).

Most of the fire models can be used for budgeting purposes, but only one has a fire simulation function. Two of the models are based on geographic information systems. All but two models can handle multiple seasons of strategic fire planning. And only three models address directly the fire occurrence process at the strategic planning level. The attendees agreed to meet again next November in Cadiz, Spain, after the third Forest Fire Research Conference, in Portugal.

Kings River Runs in *Forestry Research West*

The Kings River Sustainable Forest Ecosystem Project is featured in the September 1997 edition of *Forestry Research West*. The write-up, which was produced by members of the Kings River team and Connie Gill, PSW Public Affairs Specialist, outlines the various research projects which are underway at two adjacent watersheds—Big Creek and Dinkey Creek, each covering approximately 32,000 acres—on the Kings River Ranger District, in the southern Sierra Nevada. This issue of *Forestry Research West* is the first to come from the three Western FS Research Stations since the recent merger of the Intermountain and Rocky Mountain stations. Copies are available from Research Information Services, Albany, at (510) 559-6327.

Fenn Named Project Leader—Air Pollution

Mark Fenn, Air Pollution/Global Change Research Unit, Riverside, has been appointed Project Leader of that unit, effective Oct. 1. Mark succeeds, through a rotation process, Andrzej Bytnerowicz, who served as Project Leader for the past 2 years and who will now focus on his personal research. As Project Leader, Mark will be responsible for planning research programs and activities within the unit. He will also oversee the day-to-day operations and expenditures of the unit. Mark received a B.S. degree in plant pathology from the University of Arizona at Tucson in 1981, and his doctorate in the same subject from UC-Riverside in 1986. Shortly after, he joined the staff at PSW Riverside, first as a temporary employee and then as a post-doctorate term appointee in the unit.

Meetings/Conferences/Seminars

* Kathy Jermstad, Forest Genetics Research Unit, Placerville, presented a paper, "QTL mapping of adaptive traits in coastal Douglas-fir," at the Western Forest Genetics Association meeting, August 3-7, in Berkeley.

* Claire Kinlaw, Forest Genetics Research Unit, Albany, presented a paper, "Gene discovery in loblolly pine through cDNA sequencing," co-authored by Tan Ho, Valerie Ljungkvist, and Chris Baysdorfer, at the Western Forest Genetics Association meeting, August 3-7, in Berkeley.

* Connie Millar, Forest Genetics Research Unit, Albany, presented a paper, "Sierra Nevada Ecosystem Project overview and forest ecology," at the Western Forest Genetics Association meeting, August 3-7, in Berkeley.

* David Neale, Forest Genetics Research Unit, Albany, presented a paper which he co-authored, "Genetic differentiation of *Abies equitrojani* populations from Kazdag in Turkey and genetic similarities between Turkish firs belonging to the *Abies nordmanniana* fir complex," at the Western Forest Genetics Association meeting, August 3-7, in Berkeley.

* Malcom North and Joshua Greenberg, Sierra Nevada Montane Ecosystems Research Unit, Fresno, gave a talk, "Stand conditions associated with truffle abundance in western hemlock forests of Washington State," at the Ecological Society of America meeting, August 11-14, in Albuquerque, N.M.

* David O'Dowd, Non-Indigenous Species Research Team, Honolulu, presented a paper he co-authored with Robert Pemberton, "Leaf domatia and mites in broadleaf deciduous forest in north Asia: implications for the scope of protective

(continued)

Visitors to PSW

* Bob Ewing, Bud Bigelow, Doug Manuel, Bob McKinney, and Laurie Sloan from the Weyerhaeuser Timberland Strategic Planning Group met with Station management at PSW Headquarters in Albany on Sept. 8, to learn how PSW approaches strategic planning.

Personnelly Speaking

Retirement

* James C. Space, Station Director, Oct. 3—39 years of Federal service.

Temporary Appointment

* Garland Mason, Assistant Station Director—Continuing Research/Northern California; to Acting Station Director, Oct. 4.

Appointment

* Francis Fujioka, Riverside, appointed as the new Director's Representative at the Forest Fire Laboratory, succeeding Richard Kimberlin.

Resignation

* Scott Stephens, from Urban Forestry Research, Davis; to Assistant Professor of Fire Ecology, California Polytechnic State University, San Luis Obispo, Calif., Sept. 15.

Team Player Awards

* John Benoit, Fire Meteorology Research Unit, Riverside, "for the make-over of the Forest Fire Laboratory's slide show presentation; and for cheerfully helping any employee with computer problems or questions."

* Warren Hanna, Research Support Services, Riverside, "for contributions well beyond the call of duty and for interacting in a helpful way with nearly everyone at the Forest Fire Laboratory."

Job Vacancies

Biological Science Technician, GS-0404-05, Shaver Lake (temp.)	10-3-97
Office Automation Clerk, GS-0326-05, Davis (temp.)	10-10-97
Personnel Clerk, GS-0203-07, Albany	10-10-97

Closes

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(Meetings/Conferences/Seminars, cont'd.)

mutualism," at the Ecological Society of America meeting, August 11-14, in Albuquerque, N.M.

* Deborah Rogers, Forest Genetics Research Unit, Albany, presented a paper, "Genetic diversity," at the Western Forest Genetics Association meeting, August 3-7, in Berkeley.

* Mitch Sewell, Forest Genetics Research Unit, Placerville, presented a paper, "Genetic mapping in outbred forest trees," at the Western Forest Genetics Association meeting, August 3-7, in Berkeley.

* Paul Scowcroft, Ecosystem Processes Restoration Research Team, Honolulu, presented a paper he co-authored with Jack Jeffrey, "Limitations and possibilities for mesic forest restoration on abandoned rangeland, Island of Hawaii," at the First Biennial North American Forest Ecology Workshop, June 24-26, in Raleigh, N.C. He also presented a paper co-authored with David Fuji, "Restoration of degraded *Acacia koa* forest, Mauna Loa, Island of Hawaii," August 11-14, in Albuquerque, N.M.

* Carl Skinner, Disturbance Factors Science Team, Redding, presented a paper, "Fire and fuels," at the Western Forest Genetics Association meeting, August 3-7, in Berkeley.

* Bernahu Temesgen and David Neale, Forest Genetics Research Unit, Albany, presented a paper, "Coadominant PCR based markers for *Pinus taeda* L. developed from mapped cDNA clones," co-authored with M.R. Ahuja and D.E. Harry, at the Western Forest Genetics Association meeting, August 3-7, in Berkeley.

Executive Calendar

Sept. 29-Oct. 3

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

Oct. 6-10

Aune	M-F: Redding
Bell (Backup)	M-W: Salt Lake City; Th-F: Albany
DeMuth	M-F: Albany
Ewel	M-F: Honolulu
Mason (Acting)	M-F: Albany