

***FOREST HEALTH
PROTECTION***

**Workshop, Poster Session
and Technology Expo**

**Forest Health in Southern California:
Science and Stewardship
September 12-14, 2006**



Danny Rhynes Training Center

San Bernardino National Forest Supervisor's Office

602 S. Tippecanoe Avenue, San Bernardino, California

Forest Health in Southern California: Science and Stewardship

Purpose

To look at what we know about our forests, and what we can collectively and individually do to enhance the health of forested landscapes in Southern California.

Daily Registration: 8:00 – 9:00 AM

Tuesday 12 September

9:00 AM – 4:00 PM

Module 1: Forest Health Science and Management

Moderator: Tom Scott

- ❖ Air pollution and environmental stress affects ecological conditions in Southern California – Nancy Grulke
- ❖ Oak woodlands: ecological dynamics and recovery – Tom Scott
- ❖ New pheromone research: implications for bark beetle severity in southern California – Nancy Gillette
- ❖ Catastrophic fire and forest health in southern California's suburban wildlands – Neil Sugihara
- ❖ Fire science and forest health in So Cal – Pam Padgett
- ❖ Achieving resource stewardship through partnerships -- Gene Zimmerman
- ❖ Forging our cohesive strategy: The southern California framework – Mike Dietrich
- ❖ Collaborating to create sustainable supply – John Shelly
- ❖ Biomass policy, small diameter overview

Tuesday 12 September

Module 2: Reception, Poster Session and Expo

4:00 – 7:00 PM

Kickoff: Jeanne Wade Evans

Expo Organizer: Rudy Tantare

An exciting array of commercial, professional and local resource representatives will present a technical look at state-of-the-art equipment and techniques for resource use in science, management and operations. Forests and partners are encouraged to display new tools and technical innovations, success stories and lessons learned, showcase projects and forest operations. Bring your new engine, ATV and equipment. Bring photos, reports and data to share, compare and discuss.

All are welcome!

Wednesday 13 September

9:00 - 11:30 AM

Module 3: An integrated operational planning session

This module will provide information, identify priorities and establish common goals among resource specialists and other stakeholders as a basis for forging a Cohesive Southern California Strategy for Forest Restoration and Health.

Session 1: The Business of Forest Health

Moderator: Mike Bohne

- ❖ USDA FS National and regional priorities for forest health programs – Sheri Smith
- ❖ Forest Health Monitoring – Lisa Fischer
- ❖ Aerial Survey Coordination – Jeff Mai
- ❖ Budget trends, funding opportunities, and the grant process – Sheri Smith
- ❖ Sporax effectiveness study – Tom Smith

Wednesday 13 September

1:30 – 5:30 PM

Session 2: Laying the Groundwork for a SoCal Cohesive Strategy

Moderator: Doug Pumphrey

1:30-2:20 PM

Focus Group 1: SoCal Population, Restoration and Sustainability

Facilitators: Pam Padgett, Tom White, Ron Pugh, (UCR Planning Prof)

- ❖ How can we collaborate to restore and maintain the remaining original wildlands and high quality habitats in Southern California? What are the options for forested landscape stewardship and forest operations in the future?

2:30-3:20 PM

Focus Group 2: Bringing Agencies Together, The MAST / FAST Success

Facilitators: Peter Brierty

- ❖ What model do we use to build on? How do we forge a cohesive environmental strategy that will cross boundaries and draw together agencies, industries, ngo's and private citizens in a collaborative effort to improve health?

3:30-4:20 PM

Focus Group 3: Potential to Defray Treatment Costs through Wood Fiber Utilization

Facilitators: John Shelly, Larry Swan

- ❖ What constrains our capacity for supply? How do we attract markets and achieve fiscal stability?

4:30-5:20 PM

Focus Group 4: Monitoring, Mapping and Data Quality

Facilitators: Lisa Fischer, Joe Sherlock, Crista Carroll

- ❖ How can we provide common information and reliable data layers to specialists, decision-makers, and other stakeholders who develop analytical approaches to address the health and sustainability of forest ecosystems? This group will lead into the GPS workshop on Thursday morning. Current and future requirements for hardware and data standards will be previewed.

Questions and issues may be submitted for focus group consideration to: akoonce@fs.fed.us. Include focus group title.

Thursday Morning 14 September

9:00 AM – 1:00 PM

Module 4: GPS technology and Application:

Presentation and Demonstration of

Trimble Instruments and ESRI Software

Sponsors: Allen Instruments and ESRI

Do not miss this unique opportunity to learn more about Global Navigation Satellite Systems! The rapidly evolving technology of GPS-based navigation and positioning systems offers a wide range of possibilities to the resource manager to improve the ease and accuracy of field data capture. GPS is a complex technology but understanding it can be quite easy if you take it one step at a time.

Today's receivers are light-weight and easy to carry in the field. Their ability to acquire satellite signals from under a dense tree canopy has markedly improved, and modern data collection and mapping software allows easy transfer of GPS-generated positioning data to the Forest Service's Geographic Information System (GIS). ArcPad technology combines to provide field-based personnel with the ability to capture, analyze, and display geographic information.

Allen Instruments and ESRI are joining forces to bring the latest in GPS and Arc-GIS technology. Professional instructors will present and demonstrate an overview of the rapidly evolving technology of GPS-based navigation and positioning systems designed to meet the needs of resource managers in Southern California. Workshop attendees will be able to try out different systems, ask questions and receive guidance tailored to their skill level.

This workshop is designed to give the beginner a good basic understanding of the principles behind GPS without loading you down with too much technical detail. Experienced users are encouraged to discuss their options for GPS applications and requirements for accuracy with instructors, or "trade up" for the latest in industry standard technology.

