

### Hydrologic modeling: DHSVM

Distributed Hydrology-Soils-Vegetation Model

- Topography: digital elevation data
- Spatial distributions: soil moisture, ET & runoff
- Components: 2-layer canopy model, energy-balance model, & 2-layer subsurface flow model

### SNAMP Water Report

**Adjustments to Work Plans:**

- Returned to original plan of automated sediment sensors in place of sediment basins
- Modeling work will resume in November 2008; previously put on hold while awaiting receipt of year 1-2 funds

**Accomplishments and Notes:**

- Orders for equipment re-worked to comply with changing DWR purchasing procedures and placed with vendors
- Instrument hardware and snow depth sensors installed (data collection will begin upon receipt of data loggers)
- Erosion pins, staff gages, & water depth loggers installed in Sugar Pine sites
- Hydrologic model, DHSVM, installed on server & debugged

### SNAMP Water Report

**Outstanding Work Plan Tasks:**

- Priorities include collection of bids for scour sensors, installation of field equipment and parameterization of the hydrologic model

**Next Steps:**

- Installation of field equipment
- Parameterization of the hydrologic model
- Working with DWR on a plan for out-year contracting

### SNAMP Science Team: Public Participation (PPT)

Principal Investigators:

- Lynn Huntsinger
- Maggi Kelly
- Kim Rodrigues

Postdoctoral Researchers:

- Adriana Sulak

Cooperative Extension Staff:

- Susie Kocher
- Anne Lombardo (south)
- Kim Ingram (north)


Graduate Student:

- Shasta Ferranto

## SNAMP Science Team: Public Participation

Support SNAMP process through:

- *strategic facilitation of meetings*
- *promoting strong relationships among stakeholders, agencies, and researchers for mutual learning*
- *Encouraging an open and transparent process and two-way communication*
- *maintaining the commitment of all parties to outreach and participation.*



Research program process and participation efforts.


Track creation and use of scientific results and participant input.

*"research has shown facilitation to be a key to success"*

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## PPT & Adaptive Management

Use information from multiple sources: strategic facilitation, Integration Team, research, stakeholders & participants



Track use of information in management and SNAMP; Integration Team (IT) integrates research and stakeholder information

Enable stakeholder participation; observe NEPA process; strategic facilitation

Track web & public meeting methods & results; conduct research

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## Public Participation Team Activities

### Outreach by University of California Cooperative Extension

- Kim Rodrigues facilitates SNAMP process, heads outreach team.
- Extension Advisor Susie Kocher coordinates outreach effort.
- Program Representatives at study site bring people into the loop
  - Oakhurst: Anne Lombardo
  - Auburn: Kim Ingram
- Local field trips, community leaders, schools
- Integration Team created! Owl, Forest, and Fisher meetings held in 2008.
- Meetings now webcast to increase access.



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## Public Participation Team Activities

### Website and Publications

- Headed by Maggi Kelly
- Newsletters for each team published: pick them up!
- Interactive Website: revised! Special report in afternoon




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## Public Participation Team Activities

### Research

- Headed by Lynn Huntsinger and Adriana Sulak
- Archiving SNAMP records.
- Standardized observations of participation meetings.
- In-depth interviews of SNAMP participants and local stakeholders.
- White papers: Adaptive Management; Co-Management
- Grant proposals: 1 successful, one submitted.
- Workshop for USFS for participation feedback.
- Integration team meeting planned for 2009.



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## Public Participation:

What questions do we need to ask about SNAMP?  
About participation?  
Join us and let us know.

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