

Hydrology and Water Quality Progress Meeting
July 9, 2010
NM EPSCoR State Office

AGENDA

- 9:00 Coffee and Conversation
- 9:30 Introductions
Review Agenda, Meeting Purpose
EAB Recommendations
- 9:45 Review of questions to be addressed:
1. What data are being collected in the field?
 - a) What is the timeline for data collection?
 - b) How will data be made accessible and available to others?
 - c) What's the strategy for future deployment of monitoring equipment at the Jemez site? What difficulties with deployment have arisen?
 - d) What strategies and synergies are envisioned for upcoming tracer tests?
 - e) What is the plan for the Hondo site?
 2. How are we going to couple hydrologic models of surface water transport and ground water/surface water interactions to biogeochemical fluxes and the transport and fate of solutes at the Valles Caldera site?
 - a) How best to proceed to optimize the information from the hydrologists and biogeochemists?
 3. How do we best assure the meshing of the monitoring data sets and the best derived products of production, respiration, nutrient uptake, and dissolved organic matter dynamics?
 4. How do we integrate with the climate modelers?
 - a) What are the best downscaled scenarios for climate-change effects on precipitation and temperature that we should be using to assess the future altered hydrology and biogeochemistry of our montane catchments?

Are there other essential questions for this meeting?

- 10:00 Presentations of current research efforts
10 minutes presentation; 5 minutes questions/discussion
Mike Pullin et al, NMT
John Wilson et al, NMT
Laura Crossey/Cliff Dahm et al, UNM
Edward Martinez, NMHU

- 11:00 NM EPSCoR Data Portal: Presentation (15 min) and Discussion
Renzo Sanchez-Silva, UNM
- 11:30 Lunch Break; food provided for a networking lunch
- 12:00 Update from the Valles Caldera National Preserve on status and activities
- 12:15 Report from Thursday's Hydrology and Climate Modeling Meeting
- 12:30 Facilitated Discussion of Questions
- 2:00 Break/Process Check
- 2:15 Continue discussion
- 3:00 Year 3 and Beyond
New or revised Research Questions: can we "clearly articulate the science questions and high level research impacts" as suggested by the EAB?
Are there any required modifications to Statements of Work?
Are there additional tools/resources needed to foster collaboration?
Are there new IWG proposals?
- 4:00 Adjourn