

**58th Annual Meeting
of the
Rocky Mountain Hydrologic Research Center**

November 10, 2003,
Damon Room, National Center for Atmospheric Research, Boulder, Colorado

- 7:30 --8:10 Registration and put up posters
- 8:10--8:20 **Bill Lewis:** Introductory Remarks
- 8:20--8:40 **Jeremy Shaha:** Investigation of subglacial and englacial hydrology using borehole slug tests;
 Bench Glacier, Alaska
- 8:40--9:00 **Jeff Lukas:** The 2002 drought and the tree-ring record in Colorado
- 9:00--9:20 **David Gochis:** The Boulder Creek/St. Vrain coordinated hydrometeorological observatory
- 9:20--9:40 **Jim Smith:** Determination of flood discharges in numerous links of the Whitewater
 drainage network, Kansas
- 9:40--10:10 Poster Break
- 10:10--10:30 **Erich Mueller:** The effects of gradient on transport thresholds and channel morphology
 in mountain watersheds
- 10:30--10:50 **Robert Milhous:** Changes in sediment loads on the San Juan and Green Rivers:
 Dams or climate change
- 10:50--11:30 **Invited Speaker, Klaus Wolter:** Climate, Drought, and the March 2003 storm
- 11:30--12:30 Poster Break with Lunch in the Cafeteria at NCAR or from your brown bag
- 12:30--12:50 **Jordan Clayton:** The effect of hydrologic variability on the diversity of benthic
 invertebrates in a meandering gravel-bed river
- 12:50--13:10 **Joseph Alfieri:** Relationship between surface characteristics and the surface energy budget
 in a Sand-Sagebrush Steppe Ecosystem
- 13:10--13:30 **Taryn Oakley:** Spatial and temporal variability of soil moisture in response to fire
- 13:30--13:50 **Casey Bates:** Understory vegetation characteristics in response to fire
- 13:50--14:20 Poster Break
- 14:20--15:00 **Invited Speaker, Martin Lockley:** Tracking dinosaurs around the world
- 15:00--15:20 **Mary Hill:** Prediction uncertainty in simulations of environmental systems
- 15:20--15:40 **Maury Albertson:** The future of world water resources
- 15:40--16:00 **Nolan Doesken:** The CoCo RaHS weather project

Posters

- James Anthony:** Assessing the spatial and temporal influence of surface waves on benthic
 sediments: Implications for management and restoration of shallow, eutrophic lakes
- John Gartner:** The influence of a rock glacier and other alpine landforms on surface
 water chemistry in the upper Green Lakes Valley, Colorado
- Eleanor Griffin:** Floodplain stabilization by woody riparian vegetation during an extreme
 flood along headwater tributaries of East Plum Creek, Colorado
- Jason Kean:** Generation and verification of flow-model-produced rating curves in the
 Whitewater River network, Kansas
- David Mixon:** Watershed characterization in Alaska's national parks
- Connie Woodhouse:** Applying tree-ring data to sustainable water management