

**65<sup>th</sup> Annual Meeting of the Rocky Mountain Hydrologic Research Center**  
**The Old Gallery, 14863 Highway 7, Allenspark, Colorado**  
**Friday, September 24, 2010**

**8:30 – 9:00 Registration**

**9:00 – 9:30 Introductions and Opening Remarks**

**William Lewis, President**

**9:30 – 10:30 Hydraulics I**

**Effect of Spatial Variability and Sampling Technique  
on Observed Pool-tail Fines**

**Kristin Bunte, John Potyondy,  
Steven Abt, and Kurt Swingle**

**Characterization of the Hydraulics at Steps in Step-Pool  
Channel Systems Using Weir Flow Principles**

**David Dust and Ellen Wohl**

**10:30 – 11:00 Break**

**11:00 – 12:00 Hydraulics II and Weather/Climate**

**Low Shear Stress Measurements at a Run of River Flume**

**Robert Milhous**

**Recap of Water Year 2010 in Colorado**

**Wendy Ryan**

**12:00 – 1:00 Lunch (Provided)**

**1:00 – 2:00 Water Quality**

**Effects of Water Management on Transparency in Grand Lake**

**William Lewis**

**Insights for Solute Transport Modeling along Drainage  
Networks using Stream Morphology Features**

**Mario A. Jiménez-Jaramillo**

**2:00 – 2:15 Break**

**2:15 – 3:15 Human Hydrology**

**Aquaponics: Engineering Aquatic Ecosystems to Produce Food**

**Greg Cronin**

**Inca Moray Paleohydrology**

**Ken Wright**

**3:15 – 4:00 Poster Session**

**Comparisons of gravel transport relationships**

**Kristin Bunte, Steven R. Abt , and Kurt W.  
Swingle**

**Preliminary Analysis of the Effect of Willows on  
Water Discharge**

**Francis Rengers**

**Damping of Periodic Fluctuations in Net Infiltration within  
A Thick Unsaturated Zone in Southern Nevada:  
Implications for Preferential Flow**

**Brian Ebel and John Nimmo**

**4:00 Adjourn (Board members remain for a Board meeting)**

**Roster for 2010 RMHRC Meeting  
(S denotes Speaker; P denotes Poster)**

**Corey Beough, University of Wyoming**

**Kristin Bunte, Colorado State University (S) (P)**

**Greg Cronin, University of Colorado, Denver (S)**

**Dave Dust, Colorado State University (S)**

**Brian Ebel, U.S. Geological Survey (P)**

**Mario Alberto Jiménez Jaramillo, Universidad Nacional de Colombia and CSU (S)**

**William Lewis, University of Colorado (S)**

**Deb Martin, U.S. Geological Survey**

**Robert Milhous**

**John Moody, U.S. Geological Survey**

**Glenn Patterson, Colorado State University**

**Francis Rengers, University of Colorado (P)**

**Will Rense**

**Wendy Ryan, Colorado State University (S)**

**Tom Sanders, Colorado State University**

**Ken Wright, Wright Water Engineers (S)**