

Personalized Itinerary Planner

AGU-FM13
December 07 - 13, 2013

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Saturday, December 07, 2013

You have nothing scheduled for this day

Sunday, December 08, 2013

You have nothing scheduled for this day

Monday, December 09, 2013

Time	Session Info
8:00 AM-12:20 PM, Hall A-C (Moscone South), Creating Policy-Relevant Resource Management Science under Climate Change I Posters	
8:00-8:00 AM	GC11B-0990. Impacts of forest thinning and climate change on transpiration and runoff rates in Sierra Nevada mixed-conifer headwater catchments <u>P.C. Saksa</u> ; R.L. Ray; R.C. Bales; M.H. Conklin
8:00 AM-12:20 PM, Hall A-C (Moscone South), Forests and the Hydrological Regime: After All These Years What Can We Tell Policy-Makers About How Changing Tree Cover Influences Runoff? I Posters	
8:00-8:00 AM	H11B-1165. Timber harvest effect on soil moisture in the southern Sierra Nevada: Is there a measurable impact? <u>M.W. Meadows</u> ; R.C. Bales; M.H. Conklin; M. Goulden; P.C. Hartsough; J.W. Hopmans; C.T. Hunsaker; R.G. Lucas; A.I. Malazian
1:40 PM-6:00 PM, Hall A-C (Moscone South), Soil Erosion, Transport and Deposition and Their Control Over Biogeochemical Cycling of Essential Elements I Posters	
1:40-1:40 PM	B13G-0604. Using stable isotopes to determine sources of eroded carbon in low-order Sierra Nevada catchments <u>E.P. McCorkle</u> ; A. Berhe; C.T. Hunsaker; M.L. Fogel; S.C. Hart
1:40 PM-6:00 PM, Hall A-C (Moscone South), Using LiDAR Data Sets To Improve Ecohydrological Observations Posters	
1:40-1:40 PM	H13J-1507. Estimating forest snow accumulation with LiDAR derived canopy metrics, southern Sierra Nevada, California <u>P. Kirchner</u> ; R.C. Bales; T.H. Painter
1:40 PM-3:40 PM, 2003 (Moscone West), Linking Geomorphology to Biogeochemistry and Nutrient Cycles II [SWIRL_GS]	
1:55-2:10 PM	B13L-02. Bedrock composition limits mountain ecosystem productivity and landscape evolution (<i>Invited</i>) <u>C.S. Riebe</u> ; W. Hahm; C. Lukens
6:15 PM-7:15 PM, 304 (Moscone South), Critical Zone Science and Observatories	

6:15-6:15 PM	TH15D-01. Critical Zone Science and Observatories <u>S.L. Brantley</u> ; T.S. White; S.P. Anderson; R.C. Bales; J. Chorover; W.H. McDowell
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Tuesday, December 10, 2013

Time	Session Info
8:00 AM-10:00 AM, 2004 (Moscone West), Soil Erosion, Transport and Deposition and Their Control Over Biogeochemical Cycling of Essential Elements II	
8:15-8:30 AM	B21H-02. Mineral-organic matter associations in eroding hillslopes: findings from headwater catchments in the Southern Sierra Nevada (<i>Invited</i>) <u>A. Berhe</u> ; E. Stacy; E.P. McCorkle; D.W. Johnson; C.T. Hunsaker; S.C. Hart
1:40 PM-6:00 PM, Hall A-C (Moscone South), Dynamics of Global Forests Under a Changing Climate II Posters	
1:40-1:40 PM	B23D-0585. Interactions between cold and water limitation along a climate gradient produce sharp thresholds in ecosystem type, carbon balance, and water cycling <u>A.E. Kelly</u> ; M. Goulden; A.W. Fellows
1:40 PM-6:00 PM, Hall A-C (Moscone South), Hydropedology: Synergistic Integration of Soil Science and Hydrology in the Critical Zone I Posters [SWIRL_GS]	
1:40-1:40 PM	H23F-1333. A framework for improving the predictions of ecohydrologic responses to climate change in Sierra Critical Zone Observatory watersheds <u>K. Son</u> ; C. Tague

Wednesday, December 11, 2013

Time	Session Info
8:00 AM-12:20 PM, Hall A-C (Moscone South), Water Resources and Water Quality under Changing Climate and Land Use IV Posters	
8:00-8:00 AM	H31H-1314. Catchment Scale Streamflow Response to Climate Variability in the Rain-Snow Transition Zone of California's Sierra Nevada Mountains <u>S.M. Jepsen</u> ; S. Coles; T.C. Harmon

Thursday, December 12, 2013

Time	Session Info
8:00 AM-12:20 PM, Hall A-C (Moscone South), Advances in Monitoring, Measuring, and Modeling of Snow, Snow-Vegetation and Avalanche Processes I Posters	

8:00-8:00 AM	C41B-0630. Developing a robust wireless sensor network structure for environmental sensing <u>Z. Zhang</u> ; C. Oroza; S.D. Glaser; R.C. Bales; M.H. Conklin
1:40 PM-3:40 PM, 3018 (Moscone West), Downstream Connectivity of Headwater Resources II	
1:40-1:55 PM	H43K-01. Montane meadows and hydrologic connections between forests and streams in the Sierra Nevada, California <u>R.G. Lucas</u> ; M.H. Conklin

Friday, December 13, 2013

Time	Session Info
8:00 AM-12:20 PM, Hall A-C (Moscone South), CZ-topo: Using Multiple Isotopes to Understand Watersheds I Posters	
8:00-8:00 AM	H51B-1188. Cosmogenic ¹⁰Be in quartz and magnetite: Using the same nuclide in multiple minerals to quantify differential weathering <u>H.E. Rogers</u> ; C.S. Riebe; D.E. Granger
10:20 AM-12:20 PM, 2003 (Moscone West), Influence of Climate and Climate Variability on Landscape Form and Function I	
11:20-11:35 AM	EP52A-05. Evidence for climatic and topographic control of the size and flux of eroded sediment across a steep mountain catchment <u>C. Lukens</u> ; C.S. Riebe; L.S. Sklar; D.L. Shuster
1:40 PM-3:40 PM, 3020 (Moscone West), Large-Scale Field Experimentation and Networks II	
1:55-2:10 PM	H53L-02. The strength of strategically placed in situ networks: The Critical Zone Observatory Program (<i>Invited</i>) <u>R.C. Bales</u> ; P.D. Brooks; N.P. Molotch