

USGS Booth #417 at AGU will Showcase Landsat 8: launching in February, Water, Climate Change and Hazards

AGU / CLU

Date	Time	Location	Presenters	Topic	
Sunday, 12/02/12	3:00 PM - 6:00 PM	JW Marriott SF Union Square, 500 Post Street, Corner of Post and Mason		CSC AGU Meeting: Development of FY13 and 14 RFP, Joint research actions between CSCs, Research needs beyond LCCs, Leverage strategies with other federal departments. Training and education	
Monday, 12/03/12	8:00 AM - 12:20 PM	Moscone South, Hall A-C	K Manies; J.W. Harden; C.C. Fuller; M.R. Turetsky	Evaluation of C accumulation rates, as determined by	PP11D-2047
Monday, 12/03/12	8:00 AM - 12:20 PM	Moscone South, Hall A-C	Miriam Jones; Christopher E. Bernhardt; Debra A. Willard	Late Holocene Climate Variability and Land-use change impacts on fire disturbance and carbon dynamics in the Florida Everglades	PP11D-2051
Monday, 12/03/12	8:00 AM - 12:20 PM	Moscone South, Hall A-C	Christopher E. Bernhardt; Debra A. Willard	Distinguishing local ecology from regional hydrologic change in a subtropical wetland, Florida	PP11D-2052
Monday, 12/03/12	8:00 AM - 12:20 PM	Moscone South, Hall A-C	Susan R. Zimmerman; Scott Starratt; Sidney R. Hemming	Patterns of volcanism, weathering, and climate history from high-resolution geochemistry of the BINGO core, Mono Lake, California, USA	PP11A-1993
Monday, 12/03/12	8:00 AM - 12:20 PM	Moscone South, Hall A-C	Kristen Manies; Jennifer W. Harden; Christopher C. Fuller; Merritt R. Turetsky	Evaluation of C accumulation rates, as determined by 137Cs and 210Pb, for a vegetation gradient in central Alaska	PP11D-2047
Monday, 12/03/12	8:00 AM - 12:20 PM	Moscone South, Hall A-C	Shad Oneel; Eran W. Hood; Anthony A. Arendt; Louis C. Sass; Rod S. March	Assessing the sensitivity of Alaska's Coastal Ecosystem to Changes in Glacier Runoff	GC11A-0961
Monday, 12/03/12	8:00 AM - 10:00 AM	Moscone West, Room 3007	Jason M. Amundson; Jacob I. Walter; Shad O'Neel; Tim Parker	Glacier seismology in a coastal temperate rainforest (Invited)	C11A-02
Monday, 12/03/12	8:00 AM - 12:20 PM	Moscone South, Hall A-C	Eugenie S. Euskirchen; Tobey B. Carman; Anthony D. McGuire	Modeling leaf phenology variation by groupings of species within and across ecosystems in northern Alaska.	B11C-0453
Monday, 12/03/12	8:00 AM - 12:20 PM	Moscone South, Hall A-C	Benjamin M. Jones	Frozen debris lobes, permafrost slope instability, and a potential infrastructure hazard in the south-central Brooks Range of Alaska	
Monday, 12/03/12	8:00 AM - 12:20 PM	Moscone South, Hall A-C	Kristin Byrd	A hyperspectral approach to estimating biomass and plant production in a heterogeneous restored temperate peatland	B11B-0420

Monday, 12/03/12	8:00 AM - 12:20 PM	Moscone South, Hall A-C	Nathan Wood	Assessing the Vulnerability of Buildings to Tsunamis and Implications for Evacuation Planning Posters	NH11B. NH11B
Monday, 12/03/12	8:00 AM - 12:20 PM	Moscone South, Hall A-C	Ronald Raunika	Applied Use Value of Scientific Information for Management of Ecosystem Services	IN11B-1467
Monday, 12/03/12	8:30 AM - 8:45 AM	Moscone West, Room 3016	Brian A. Pellerin; James B. Shanley; JohnFranco Saraceno; George Aiken; Stephen D. Sebestyen; Brian A. Bergamaschi	a subtropical wetland, Florida Everglades USA	H11L-03
Monday, 12/03/12	1:40 PM - 6:00 PM	Moscone South, Hall A-C	M.Z. Kanevskiy; M.T. Jorgenson; Y. Shur; J. O'Donnell; J.W. Harden; D. Fortier	Formation of lacustrine plains in west-central Alaska as a result of permafrost degradation and aggradation M.Z. Kanevskiy; M.T. Jorgenson; Y. Shur; J. O'Donnell; J.W. Harden	C13A-0596
Monday, 12/03/12	1:40 PM - 6:00 PM	Moscone South, Hall A-C	Laura S. Harrison; Joel Michaelsen; Chris C. Funk; Leila V. Carvalho; Christopher J. Still; Amy McNally; Christa D. Peters-Lidard	Identifying surface response to drought and heat with a land surface model and NDVI	A13D-0247
Monday, 12/03/12	1:40 PM - 6:00 PM	Moscone South, Hall A-C	J.W. Harden	Building a Diverse Geoscience Workforce: A Balancing Act II Posters : Recipe for an Eclectic Life as Research Scientist and Mom	ED13A-0769
Monday, 12/03/12	1:40 PM - 6:00 PM	Moscone South, Hall A-C	Benjamin M. Jones	Late Quaternary environmental changes inferred from stable carbon, nitrogen and oxygen isotope values at Teshekpuk Lake, North Slope, Alaska	
Monday, 12/03/12	1:40 PM - 6:00 PM	Moscone South, Hall A-C	Stephen D. Sebestyen; James B. Shanley	Effects of Biogeochemical Transformations, Source Variation, and Flowpath Routing on Interpretations of Concentration-Discharge Hysteresis Loops to Decipher Catchment Processes	H13C-1342
Monday, 12/03/12	2:40 PM	Moscone West, Room 2003	Benjamin M. Jones	A synthesis of thermokarst and thermo-erosion process rates	
Monday, 12/03/12	4:00 PM	Moscone West, Room 3005	Benjamin M. Jones	Seasonal Dynamics of a Drained Thermokarst Lake Basin on the North Slope of Alaska From InSAR	

Monday, 12/03/12	4:00 PM - 6:00 PM	Moscone South, Room 104	Lucy Jones (Anne Wein, Nate Wood)	Quantifying the impacts of global disasters (Invited)	NH14A-08
Monday, 12/03/12	4:30 PM - 4:45 PM	Moscone West, Room 2006	M.P. Waldrop; J. McFarland; E.S. Euskirchen; M.R. Turetsky; J.W. Harden; K. Manies; M. Jones; A.D. McGuire	Carbon Balance and Greenhouse Gas Fluxes in a Thermokarst Bog in Interior Alaska: Positive and Negative Feedbacks from Permafrost Thaw	B14D-03
Monday, 12/03/12	4:45 PM - 5:00 PM	Moscone West, Room 2002	Gretchen Meier; Jesslyn F. Brown; James E. Vogelmann; Ross Evelsizer	Characterizing recent phenological and climate relationships in trembling aspen (<i>Populus tremuloides</i>)	B14C-04
Monday, 12/03/12	6:15 PM - 7:15 PM	Moscone West, Room 2002	J.W. Harden; N.A. Rosenbloom; E. Pendall	Exploring Solutions for Diverse Science Workforce	TH15A
Monday, 12/03/12	6:15 PM	Moscone West Room 2002	Jennifer W. Harden; Nan A. Rosenbloom; Elise Pendall	Exploring Solutions for Diverse Science Workforce	
Tuesday, 12/4/2012	8:00 AM - 12:20 PM	Moscone South, Hall A-C	Alemayehu Midekisa; Michael C. Wimberly; Gabriel B. Senay	Characterization of water bodies for mosquito habitat using a multi-sensor approach	H21D-1201.
Tuesday, 12/4/2012	8:00 AM - 12:20 PM	Moscone South, Hall A-C	Diego H. Pedreros; Chris C. Funk; Gregory J. Husak; Joel Michaelson; Peter Peterson; Marty Lasndsfeld; James Rowland; Lorena Aguilar; Mario Rodriguez	Developing New Rainfall Estimates to Identify the Likelihood of Agricultural Drought in Mesoamerica	NH21B-1596
Tuesday, 12/4/2012	8:00 AM - 12:20 PM	Moscone South Hall A-C	Debra A. Willard; Christopher E. Bernhardt; Lee Kussmann	Holocene Hydrologic Variability – Providing a Baseline to Evaluate Current and Future Conditions	PP21B-1987
Tuesday, 12/4/2012	8:00 AM - 12:20 PM	Moscone South Hall A-C	K.D. Johnson; J.W. Harden; A.D. McGuire; F. Yuan; M. Clark	Permafrost degradation and organic layer thickening over a climate gradient in a discontinuous permafrost region	B21D-0406.
Tuesday, 12/4/2012	8:00 AM - 12:00 PM	Moscone South, Hall A-C	Benjamin V. Gaglioti	Radiocarbon Age Offsets in Arctic Lake Sediments Describe the Vulnerability of Permafrost Carbon to Past Climate Warming	
Tuesday, 12/4/2012	8:00 AM - 12:00 PM	Moscone South, Hall A-C	David J. Selkowitz	Developing a 30 m Daily Snow Covered Area Time Series for the Sierra Nevada Alpine Using Landsat and MODIS Data	
Tuesday, 12/4/2012	8:00 AM - 12:00 PM	Moscone South, Hall A-C	Naga Manohar Velpuri; Gabriel B. Senay	Modeling Lake Turkana Hydrology: Evaluating the potential hydrological impact of Gibe III reservoir on the Lake Turkana water levels using multi-source satellite data	H21H-1288

Tuesday, 12/4/2012	8:00 AM - 12:20 PM	Moscone South, Hall A-C	Kirsten M. Barrett	Seasonal Variability in Boreal Wildfire Activity Associated with Landscape Patterns of Burned Area	
Tuesday, 12/4/2012	8:00 AM - 12:20 PM	Moscone South, Hall A-C	Elchin Jafarov; Helene Genet; Vladimir Romanovsky; Anthony McGuire; Sergey Marchenko	The effects of forest fire on the froxen soil thermal state	B21D-0391
Tuesday, 12/4/2012	8:00 AM - 12:20 PM	Moscone South, Hall A-C	Yujin Zhang; Anthony McGuire; Helene Genet; William Bolton; Vladimir Romanovsky; Guido Grosse; M.T. Jorgenson	Modeling Thermokarst dynamics in Alaska ecosystems	B21D-0388
Tuesday, 12/4/2012	11:20 Am - 11:35 AM	Moscone South, Room 310	Gregory J. Husak; Chris C. Funk; James P. Verdin; James Rowland; Michael E. Budde	Remote Sensing and Capacity Building to Improve Food Security	ED22A-05
Tuesday, 12/4/2012	11:35 AM	Moscone West, Room 3016	Benjamin M. Jones	Surface nuclear magnetic resonance measurements of unfrozen sediments below thermokarst lakes	
Tuesday, 12/4/2012	12:30 PM - 1:30 PM	Townhall Meeting, Moscone West, Room 2010	NASA Town Hall	Pecora Award Presentation	TH22I
Tuesday, 12/4/2012	1:40 PM - 6:00 PM	Moscone South, Hall A-C	Benjamin M. Jones	Identification of previously unrecognized tundra fire events on the Arctic Slope of Alaska	
Tuesday, 12/4/2012	1:40 PM - 6:00 PM	Moscone South, Hall A-C	Kirsten M. Barrett	Controls on Carbon Consumed by Wildland Fires in the Boreal Forest Region of Alaska	
Tuesday, 12/4/2012	1:40 PM - 6:00 PM	Moscone South, Hall A-C	Kirsten M. Barrett	Modeling the effects of fire severity on soil organic horizons and forest composition in Interior Alaska	
Tuesday, 12/4/2012	1:40 PM - 6: PM	Moscone South, Hall A-C	Benjamin Sleeter	High resolution scenarios of land-use and land-cover change for the conterminous United States	GC23C-1113
Tuesday, 12/4/2012	1:40 PM - 1:55 PM	Moscone West, Room 2003	Marcia K. McNutt; David P. Krabbenhoft; William M. Landing; Elsie M. Sunderland	Toward a Unified Understanding of Mercury and Methylated Mercury from the World's Oceans (Invited)	B23K-01
Tuesday, 12/4/2012	2:10 PM - 2:25 PM	Moscone West Rm. 3007	Mark P. Waldrop; Rachel Machelprang; Jenni Hultman; Kimberly P. Wickland	The tool of microbial genomics research for interpreting the lability of permafrost carbon and potential greenhouse gas feedbacks at different scales of resolution. (Invited)	C23E-03
Tuesday, 12/4/2012	2:30 PM	Moscone West, Room 3001	Thomas Cronin	Sea Level Session	

Tuesday, 12/4/2012	2:40 PM - 2:55 PM	Moscone West, Room 2004	C.E. Johnston; S.A. Ewing; R.K. Varner; J.W. Harden; M.R. Turetsky; A.D. McGuire	Methane Emission through Diffusion and Ebullition in Thaw Wetlands in Interior Alaska	B23L-05
Wednesday, 12/05/12	8:00 AM - 8:20 AM	Moscone West, Room 2002	Bradley Udall	Interior's Climate Science Centers: Focus or Fail (Invited)	B31I-01
Wednesday, 12/05/12	8:00 AM - 12:20 PM	Moscone South, Hall A-C	Matthew C. Larsen; Sarah J. Ryker	Global Change And Water Availability And Quality: Challenges Ahead	H31I-1273
Wednesday, 12/05/12	8:00 AM - 12:20 PM	Moscone South, Hall A-C	James B. Shanley; Jane K. Willenbring; James M. Kaste; Marcie Occhi; William H. McDowell	Just passing through --- high Hg deposition to Puerto Rico forest moves quickly off the landscape	B31C-0443
Wednesday, 12/05/12	8:00 AM - 12:20 PM	Moscone South, Hall A-C	Henok Alemu; Gabriel B. Senay; Naga Manohar Velpuri; Jay Angerer	Investigating Decadal Trends in Precipitation and Evapotranspiration in Two Contrasting Hydrological Regimes in Africa	H31H-1228
Wednesday, 12/05/12	8:00 AM - 12:20 PM	Moscone South, Hall A-C	Gary D. Clow, Kurt M. Cuffey, and Edwin D. Waddington	High Heat-Flow Beneath the Central Portion of the West Antarctic Ice Sheet	C31A-0577
Wednesday, 12/05/12	08:00 AM- 12:20 PM	Moscone South, Hall A-C	Kim Angeli	Monitoring Rapid Changes at Bering Glacier, AK Using Global Fiducials Program Imagery	
Wednesday, 12/05/12	08:00 AM- 12:20 PM	Moscone South, Hall A-C	Gary Fisher	Coastal Louisiana Wetlands Restoration Monitoring with Global Fiducials Program Imagery	
Wednesday, 12/05/12	08:00 AM- 12:20 PM	Moscone South, Hall A-C	Henok Alemu; Gabriel B. Senay; Naga Manohar Velpuri; Jay Angerer	Investigating Decadal Trends in Precipitation and Evapotranspiration in Two Contrasting Hydrological Regimes in Africa	H31H-1228
Wednesday, 12/05/12	08:00 AM- 10:00 AM	Moscone West, Room 2020	Gerald Bawden	Near Real Time Data Uses for Earth Science and Space Weather Applications II	IN31D
Wednesday, 12/05/12	08:00 AM- 12:20 PM	Moscone South, Hall A-C	Michael Marshall (Mendenhall)	Improvements in agricultural water decision support using remote sensing	H31I-1249
Wednesday, 12/05/12	08:00 AM- 12:20 PM	Moscone South, Hall A-C	Rachel Sleeter	USGS Dasyetric Mapping Tool Applied to the Conterminous United States	NH31C-1619
Wednesday, 12/05/12	8:20 AM - 8:40 AM	Moscone West, Room 2002	Casey M. Brown	Decision-based climate analysis for vulnerability assessment and adaptation planning (Invited)	B31I-02
Wednesday, 12/05/12	8:40 AM - 9:00 AM	Moscone West, Room 2002	Dennis S. Ojima; Jeffrey T. Morisette	Regional Climate Change Natural Resource Management Challenges: Managing for changing social-ecological changes in space and time (Invited)	B31I-03
Wednesday, 12/05/12	9:00 AM - 9:15 AM	Moscone South, Room 104	Gregory J. Husak; Chris C. Funk	Agricultural Early Warning Informing Humanitarian Response in East Africa for 2012	H31L-05

Wednesday, 12/05/12	9:00 AM - 9:20 AM	Moscone West, Room 2002	Philip Mote; Gustavo Bisbal	Northwest Climate Science Center: Integrating Regional Research, Conservation and Natural Resource Management (Invited)	B31I-04
Wednesday, 12/05/12	9:00 AM - 9:15 AM	Moscone South, Room 104	Gregory J. Husak; Chris C. Funk	Agricultural Early Warning Informing Humanitarian Response in East Africa for 2012	H31L-05
Wednesday, 12/05/12	9:15 AM - 9:30 AM	Moscone West, Room 3020	Hatim M. Geli; Christopher M. Neale; James P. Verdin; Gabriel B. Senay	Using NLDAS weather forcing data on remote sensing of evapotranspiration using a two source energy balance model	H31K-06
Wednesday, 12/05/12	9:20 AM - 9:40 AM	Moscone West, Room 2002	Lucas Fortini; James Jacobi; Jonathan Price; Adam Vorsino; Eben Paxton; Frederick Amidon; Sam 'Ohukani'ohi'a Gon III; Gregory Koob; Kevin Brink; Jeff Burgett; Stephen Miller	Using Bayesian networks to assess the vulnerability of Hawaiian terrestrial biota to climate change	B31I-05
Wednesday, 12/05/12	9:40 AM - 10:00 AM	Moscone West, Room 2002	Katrina E. Bennett; Larry D. Hinzman; Jessica E. Cherry; John E. Walsh; Christopher A. Hiemstra; Scott Lindsey	Estimating historical and future changes in extreme hydro-climate events in Interior Alaskan watersheds	B31I-06
Wednesday, 12/05/12	10:20 AM - 12:20 PM	Moscone West, Room 2020	Gerald Bawden	Near Real Time Data Uses for Earth Science and Space Weather Applications III	IN32A
Wednesday, 12/05/12	10:35 AM - 10:50 AM	Moscone West, Room 3001	Natalie M. Mahowald; Laura S. Harrison; Shraddhanand Shukla; Chris C. Funk	Can earth system models be used for impact studies? (Invited)	GC32B-02
Wednesday, 12/05/12	10:35 AM - 10:50 AM	Moscone West, Room 3001	Natalie M. Mahowald; Laura S. Harrison; Shraddhanand Shukla; Chris C. Funk	Can earth system models be used for impact studies? (Invited)	GC32B-02
Wednesday, 12/05/12	12:30 PM - 1:30 PM	Moscone West, Room 2002	L.E. Nave; J.W. Harden	National Soil Carbon Network: Data Resources for Carbon Cycle Science Synthesis	TH32A
Wednesday, 12/05/12	1:40 PM - 6:00PM	Moscone South, Hall A-C	John A. Barron; David Bukry; Heather Cheshire	Surface Water Conditions in the Central Gulf of California During the Past 52 Kyr based on Diatoms and Silicoflagellates: Implications for Monsoonal Moisture Transport	GC33D-1055
Wednesday, 12/05/12	1:40 PM - 6:00PM	Moscone South, Hall A-C	Jason A. Addison; Bruce P. Finney; Naomi Harada	East meets West: Differing views of the Aleutian Low's role in affecting Holocene productivity in the Subarctic North Pacific Ocean	PP33A-2091
Wednesday, 12/05/12	1:40 PM - 6:00PM	Moscone South, Hall A-C	John Walker	Using Loosely Coupled Models to Assess Climate-Change Impacts on Common Loon Occurrence in Northern Wisconsin	B33E-0556
Wednesday, 12/05/12	1:40 PM - 6:00 PM	Moscone South, Hall A-C	Sarah L. Shafer; Patrick J. Bartlein; Jacob Bartruff; Steve Hostetler; Jay R. Alder	A Visualization Approach for Projecting Future Distributions of North American Bioclimates	B33E-0557

Wednesday, 12/05/12	1:40 PM - 6:00 PM	Moscone South, Hall A-C	Bruce K. Wylie; Neal Pastick; M. T. Jorgenson; Zhiliang Zhu; Lei Ji; Matthew B. Rigge; Kristofer D. Johnson	Carbon stocks in the Alaska Yukon River Basin	B33D-0539
Wednesday, 12/05/12	1:40 PM - 6:00 PM	Moscone South, Hall A-C	Zhiliang Zhu; Brian A. Bergamaschi; Todd J. Hawbaker; Shuguang Liu; Benjamin M. Sleeter; Terry L. Sohl; Sarah M. Stackpoole	Carbon Storage and Sequestration in Ecosystems of the Western United States: Findings of a Recent Resource Assessment	B33D-0541
Wednesday, 12/05/12	1:40 PM - 6:00 PM	Moscone South, Hall A-C	Ramesh K. Singh; Gabriel B. Senay; Stefanie Bohms; Mackenzie Friedrichs; James P. Verdin	Comparing and Contrasting Water Use Pattern in the Colorado River Basin Using Landsat and MODIS- based Analyses	H33B-1295
Wednesday, 12/05/12	1:40 PM - 6:00 PM	Moscone South, Hall A-C	Benjamin M. Jones	First Year Results from the Circumarctic Lakes Observation Network (CALON) Project	
Wednesday, 12/05/12	1:40 PM - 3:40 PM	Moscone South, Room 302	Bernknopf	Assessing Socioeconomic Benefits of Earth Observation Science I	PA33B
Wednesday, 12/05/12	1:40 PM - 6:00 PM	Moscone South, Hall A-C	Gerald Bawden	Near Real Time Data Uses for Earth Science and Space Weather Applications IV Posters	IN33C
Wednesday, 12/05/12	1:40 PM - 6:00 PM	Moscone South, Hall A-C	Stephanie Ross (Anne Wein, Nate Wood)	USGS SAFRR Tsunami Scenario: Potential Impacts to the U.S. West Coast from a Plausible M9 Earthquake near the Alaska Peninsula	NH33A-1639
Wednesday, 12/05/12	1:40 PM - 6:00 PM	Moscone South, Hall A-C	Z (Sleeter and others)	Carbon Storage and Sequestration in Ecosystems of the Western United States: Findings of a Recent Resource Assessment	B33D-0541
Wednesday, 12/05/12	1:40 PM - 6:00 PM	Moscone South, Hall A-C	Christopher M. Neale; Hatim M. Geli; Clayton S. Lewis; James P. Verdin; Gabriel B. Senay	Comparison of NLDAS Weather Forcing Data with Ground-based Measurements in Irrigated Areas of Utah	H33B-1312
Wednesday, 12/05/12	1:40 PM - 6:00 PM	Moscone South, Hall A-C	Lesleigh Anderson	Evidence for the influence of the North American Monsoon on Colorado Precipitation during the past 7000 years from lake calcite oxygen isotopes	GC33D-1058
Wednesday, 12/05/12	1:40 PM - 6:00 PM	Moscone South, Hall A-C	Ramesh K. Singh; Gabriel B. Senay; Stefanie Bohms; Mackenzie Friedrichs; James P. Verdin	Comparing and Contrasting Water Use Pattern in the Colorado River Basin Using Landsat and MODIS- based Analyses	H33B-1295
Wednesday, 12/05/12	1:40 PM - 6:00 PM	Moscone South, Hall A-C	Christopher M. Neale; Hatim M. Geli; Clayton S. Lewis; James P. Verdin; Gabriel B. Senay	Comparison of NLDAS Weather Forcing Data with Ground-based Measurements in Irrigated Areas of Utah	H33B-1312
Wednesday, 12/05/12	2:05 PM - 2:20 PM	Moscone South, Room 302	Matt Larsen, Sarah Ryker	Assessing the Value of Landsat: What data and policy inputs are needed?	PA33B-02

Wednesday, 12/05/12	2:25 PM - 2:40 PM	Moscone West, Room 3020	Guleid A. Artan; Mandira Shrestha; Sezin Tokar; James Rowland; James P. Verdin; Saud Amer	Use of Precipitation Data Derived from Satellite Data for Hydrologic Modeling: Flood Forecasting and Snowpack Monitoring (Invited)	H33P-04
Wednesday, 12/05/12	2:35 - 2:50 PM	Moscone South, Room 302	Millessa A. Kenney	Testing the Value of Information of Climate Change Indicators that use Earth Observations	PA33B-04
Wednesday, 12/05/12	2:40 PM - 2:55 PM	Moscone West, Room 3002	Shuguang Liu; Jinxun Liu; Yiping WU; Zhengpeng Li; Gail Schmidt; Claudia Young; Devendra Dahal; Jennifer Oeding; Brian Davis; Robert Quenzer; Terry L. Sohl; Benjamin M. Sleeter; Todd J. Hawbaker; Zhiliang Zhu	Carbon Dynamics in the Western United States from 1992 to 2050	B33G-05
Wednesday, 12/05/12	3:20 PM - 3:40 PM	Moscone South, Room 302	William Forney	The complexity of earth observation valuation: Modeling the patterns and processes of agricultural production and groundwater quality to construct a production possibilities frontier	PA33B-07
Wednesday, 12/05/12	3:25 PM - 3:40 PM	Moscone West, Room 3020	James P. Verdin; Mike T. Hobbins; Gabriel B. Senay	A new reference evapotranspiration surface for the National Water Census community	H33P-08
Wednesday, 12/05/12	3:50 PM - 4:30 PM	AGU Exhibition Hall	Robert Kennedy	Life Histories from Landsat, Algorithmic Approaches to Distilling Earth Science Data”	
Wednesday, 12/05/12	4:30 PM	Moscone West	David Clow	Linking the Terrestrial and Aquatic Carbon Cycles: Carbon Burial in lakes and reservoirs of the Western U.S.	B34C
Wednesday, 12/05/12	4:45 PM	Moscone South, Room 302	Doug Wheeler	Monitoring Changes in Channel Morphology in Las Vegas Wash with Global Fiducials Program Imagery	
Wednesday, 12/05/12	5:30 PM - 5:45 PM	Moscone South, Room 302	Gerald Bawden	Integrated Ground-Based LiDAR and Global Fiducials Program Satellite Imagery Time Series Analysis of the Terminus of Bering Glacier, Alaska During the 2008-2011 Surge	ED34A-07
Thursday 12/6/2012	8:00 AM		Jacob I. Walter; Zhigang Peng; Slawek M. Tulaczyk; Shad O'Neel; Jason M. Amundson	Assessing the triggerability of glacier (icequake) seismicity	T41B-2590

Thursday 12/6/2012	8:00 AM - 12:20 PM		Katherine A. Heckman; Corey R. Lawrence	Examination of carbon associated with metal-humus complexes, short-range-order Al and Fe oxides, and crystalline Al and Fe oxides: Differences in carbon abundance and mean residence time	B41D-0312
Thursday 12/6/2012	8:00 AM - 8:15 AM	Moscone West, Room 3008	Andrew K. Thorpe; Philip E. Dennison; Dar A. Roberts; Eliza S. Bradley; Chris C. Funk	Airborne mapping of methane, carbon dioxide, and water vapor plumes using imaging spectrometry	A41N-01
Thursday 12/6/2012	8:00 AM - 12:20 PM	Moscone South, Hall A-C	Shraddhanand Shukla; Chris C. Funk; Michael D. Dettinger; Franklin R. Robertson	Evaluation of CMIP5 models in the context of food security assessments in Sahel and Eastern Africa	GC41B-0965
Thursday 12/6/2012	8:00 AM - 12:20 PM	Moscone South, Hall A-C	Bhaskar Ramachandran; David J. Meyer	Understanding QA: The Key to Defining the Usability and Usefulness of MODIS Land Products	B41E-0376
Thursday, 12/6/2012	8:00 AM - 12:20 PM	Moscone South, Hall A-C	Bernknopf	Assessing Socioeconomic Benefits of Earth Observation Science II Posters	PA41A.
Thursday, 12/6/2012	8:00 AM - 8:15 PM	Moscone West, Room 3008	Andrew K. Thorpe; Philip E. Dennison; Dar A. Roberts; Eliza S. Bradley; Chris C. Funk	Airborne mapping of methane, carbon dioxide, and water vapor plumes using imaging spectrometry	A41N-01
Thursday, 12/6/2012	8:00 AM - 12:20 PM	Moscone South, Hall A-C	Bhaskar Ramachandran; David J. Meyer	Understanding QA: The Key to Defining the Usability and Usefulness of MODIS Land Products	B41E-0376
Thursday, 12/6/2012	8:15 AM - 8:30 AM	Moscone West, Room 3001	Robert Thompson	Paleobotanical evidence of the history of summer precipitation in the American Southwest since the Last Glacial Maximum	
Thursday, 12/6/2012	10:00 AM - 10:20 AM	AGU Exhibit Hall	Jim Irons	The Landsat Data Continuity Mission: Building on the Landsat Legacy	
Thursday, 12/6/2012	10:20 AM - 12:20 PM	Moscone West, Room 3010	Alicia Torregrosa	Coastal Fog: Atmosphere, Biosphere, Ocean, and Land Interactions I	A42B
Thursday, 12/6/2012	10:20 AM - 10:30 AM	Moscone West, Room 3010	Alicia Torregrosa	A42B-01. Introduction to Session	A42B-01
Thursday, 12/6/2012	11:50 AM - 12:05 PM	Moscone West, Room 3010	Martha A Scholl	Coastal Fog: Atmosphere, Biosphere, Ocean, and Land Interactions. Stable Isotope Signatures Illustrate the Importance of Fog and Cloud Water in Ecohydrological Processes (Invited)	A42B-07
Thursday, 12/6/2012	12:05 PM - 12:20 PM	Moscone South, Room 304	Nathan Wood	Stakeholder-driven geospatial modeling for assessing tsunami vertical-evacuation strategies in the U.S. Pacific Northwest (invited)	NH42A

Thursday, 12/6/2012	1:40 PM - 6:00 PM	Moscone South, Hall A-C	Alicia Torregrosa	Coastal Fog: Atmosphere, Biosphere, Ocean, and Land Interactions II Posters	A43B
Thursday, 12/6/2012	1:40 PM - 6:00 PM	Moscone South, Hall A-C	Torregrosa (Ellrod, Combs, Gultepe, Faloona)	The Pacific Coast Fog Project: A Multi-disciplinary Effort to Provide Web-based Climate Products for Ecologists	A43B-0129
Thursday, 12/6/2012	1:40 PM - 6:00 PM	Moscone South, Hall A-C	Wenping Yuan; Shuguang Liu	Disturbances Strongly Affect Gross Primary Productivity over the Boreal Biome	B43D-0430
Thursday, 12/6/2012	1:40 PM - 6:00 PM	Moscone South, Hall A-C	Tagir G. Gilmanov; Bruce K. Wylie; Daniel M. Howard	. Dynamic patterns, parameters, and climatic response of CO2 exchange of agricultural crops: monocotyledons vs. dicotyledons	B43E-0443
Thursday, 12/6/2012	1:40 PM - 6:00 PM	Moscone South, Hall A-C	Md Shahriar Pervez; Michael E. Budde; James Rowland	Mapping Irrigated Areas Using Remote Sensing over the Past Decade in Afghanistan.	B43E-0448
Thursday 12/6/2012	1:40 PM - 3:40 PM	Moscone West, Room 3006	Miriam Freedman (Penn State University) and Richard Reynolds (USGS)	Mineral Dust Aerosols: From Small-Scale to Large- Scale Understanding V	A43J
Thursday 12/6/2012	1:40 PM - 1:40 PM		Timothy C. Bartholomaus; Christopher F. Larsen; Shad O'Neel; Michael E. West	Tidewater terminus tug-of-war	C43D-0641
Thursday 12/6/2012	1:40 PM - 6:00 PM	Moscone South, Hall A-C	Wenping Yuan; Shuguang Liu	Disturbances Strongly Affect Gross Primary Productivity over the Boreal Biome	B43D-0430
Thursday 12/6/2012	1:40 PM - 6:00 PM	Moscone South, Hall A-C	Md Shahriar Pervez; Michael E. Budde; James Rowland	Mapping Irrigated Areas Using Remote Sensing over the Past Decade in Afghanistan.	B43E-0448
Thursday 12/6/2012	4:15 PM - 4:30 PM	Moscone West, Room 3001	Amy McNally; Chris C. Funk; Soni Yatheendradas; Joel Michaelsen; Bernard Cappellarere; Christa D. Peters-Lidard; James P. Verdin	Improving agricultural drought monitoring in West Africa using root zone soil moisture estimates derived from NDVI	GC44A-02
Thursday, 12/6/2012	4:35 PM	Moscone West, Room 2008	Benjamin M. Jones	Thermal regimes of Arctic thermokarst lakes and streams and implications for continued permafrost degradation	
Thursday 12/6/2012	5:30 PM - 5:45PM	Moscone West, Room 3003	Mathew A. Barlow; Chris C. Funk; Andrew Hoell	West Pacific Trends and the Walker Circulation (Invited)	GC44D-07
Friday, 12/07/12	8:00 AM - 12:20 PM	Moscone South, Hall A-C	Linda E. Heusser; Ingrid L. Hendy; John A. Barron; Dorothy K. Pak	Multi-decadal variation in southern California drought during the Medieval Climate Anomaly and Little Ice Age (~800AD~1800AD) - evidence from coeval terrestrial and marine proxies	PP51B-2115.
Friday, 12/07/12	8:00 AM - 12:20 PM	Moscone South, Hall A-C	Sheila F. Murphy; Robert F. Stallard.	Impact of large storms on runoff from leeward and windward watersheds, eastern Puerto Rico	H51C-1353
Friday, 12/07/12	8:00 AM - 12:20 PM	Moscone South, Hall A-C		Ecohydrology of Tropical Forests: Processes, Feedbacks, and Change I Posters	H51C

Friday, 12/07/12	8:00 AM - 12:20 PM	Moscone South, Hall A-C	Zhengxi Tan; Shuguang Liu	Nitrous oxide emissions from agriculture and mitigation potential: A global data analysis	B51B-0533
Friday, 12/07/12	8:00 AM - 12:20 PM	Moscone South, Hall A-C	Franklin R. Robertson; Jason B. Roberts; Chris C. Funk; Bradfield Lyon; Lucrezia Ricciardulli	Upper-Ocean Heat Balance Processes and the Walker Circulation in CMIP5 Model Projections (Invited)	GC51E-1244
Friday, 12/07/12	8:00 AM - 12:20 PM	Moscone South, Hall A-C	Zhengxi Tan; Shuguang Liu	Nitrous oxide emissions from agriculture and mitigation potential: A global data analysis	B51B-0533
Friday, 12/07/12	10:50 AM - 11:05 AM	Moscone West, Room 3007	Alessio Gusmeroli; Gabriel J. Wolken; Anthony A. Arendt; Seth W. Campbell; Shad O'Neel; Hans-Peter Marshall	Ground-penetrating radar observations of winter snow accumulation on Alaska Glaciers. (Invited)	C52A-03
Friday, 12/07/12	1:40 PM - 6:00 PM	Moscone South, Hall A-C	Yiping WU; Shuguang Liu; Zhengpeng Li; Claudia Young; Jeremy Werner; Devendra Dahal; Jinxun Liu; Gail Schmidt	Projection of Carbon Dynamics in the Marine West Coast Forests under Climate and Land Cover changes Using General Ensemble Biogeochemical Modeling System (GEMS)	B53A-0650.
Friday, 12/07/12	1:40 PM - 6:00 PM	Moscone South, Hall A-C	Chris C. Funk; Michael D. Dettinger	Water Vapor, Differential Rates of Warming, Available Potential Energy, and the Hadley Circulation	GC53A-1264
Friday, 12/07/12	1:40 PM - 6:00 PM	Moscone South, Hall A-C	Eric Vermote; Christopher O. Justice; Martin Claverie; Ivan A. Csizsar; David J. Meyer; Ranga Myneni; Frederic Baret; Ed Masuoka; Robert F. Wolfe	A Terrestrial Surface Climate Data Record for Global Change Studies	IN53B-1729
Friday, 12/07/12	1:40 PM - 6:00 PM	Moscone South, Hall A-C	Yingxin Gu; Bruce K. Wylie; Khem Phuyal	Projecting future grassland performance in the Greater Platte River Basin to assess sustainability for potential biofuel feedstock areas	H53H-1623
Friday, 12/07/12	2:25 PM - 2:40 PM	Moscone West, Room 2006	Michael E. Budde; James Rowland; Gabriel B. Senay; Chris C. Funk; Gregory J. Husak; Tamuka Magadzire; James P. Verdin	Monitoring Global Food Security with New Remote Sensing Products and Tools	B53H-04
Friday, 12/07/12	3:10 PM - 3:25 PM	Moscone West, Room 3003	Narcisa G. Pricope; Joel Michaelsen; Gregory J. Husak; Chris C. Funk; David Lopez-Carr	Emerging landscape degradation trends in the East African Horn	GC53E-07
Friday, 12/07/12	4:00 PM - 4:15 PM	Moscone West, Room 3003	Chris Soulard (Tamara Wilson)	Recent landscape change in California's Central Valley	GC54A-01
Friday, 12/07/12	4:20 PM - 4:35 PM	Moscone West, Room 3014	Martha A. Scholl; James B. Shanley; Marcie Occhi; Frederick N. Scatena	Ecohydrology of Tropical Forests: Processes, Feedbacks and Change III: The Relative Importance of Convective and Trade-wind Orographic Precipitation to Streamflow in the Luquillo Mountains, Eastern Puerto Rico	H54B

Friday, 12/07/12	4:45 PM - 5:00 PM	Moscone West, Room 3022	John V. Loperfido	Stormwater management impacts on urban stream water quality and quantity during and after development in Clarksburg, MD	
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