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Session Title: A21B. Biomass Burning: New Findings and Analyses From Multiple Perspectives | Posters
Session Type: Poster
Convener 2: Sonia M Kreidenweis
Convener 1: Robert J Yokelson
Location: Poster Hall (Moscone South)
Start time: Tue, Dec 14 - 8:00 AM



A21B-0050. California Natural Disasters - Using NASA Earth Observations to Assess Smoke Emissions, Fuel Loading, Moisture Content, and Vegetation Loss due to the 2009 Station Fire in the Angeles National Forest . M. L. Jones ; J. Reedy ; S. Moustafa ; D. Brundage ; K. Anderson ; R. A. Ferrare ; A. J. Swanson ; M. M. Yang View Pres.	Tue, Dec 14 8:00 AM	No itinerary selected
A21B-0051. Louisiana Air Quality - Using ASTER, Landsat 5, and MODIS to Assess the Impact of Sugarcane and Marsh Burning Practices on Local Air Quality . R. R. Reahard ; R. Clark ; C. Robin ; J. Zeringue ; J. L. McCarty View Pres.	Tue, Dec 14 8:00 AM	No itinerary selected

Session Title: B13A. Assessing Carbon Storage and Greenhouse Gas Emissions in Coastal and Inland Aquatic Systems | Posters
Session Type: Poster
Convener 1: Brian A Bergamaschi
Convener 4: Abdullah Faizur Rahman
Convener 3: Gail L Chmura
Convener 2: Kevin D Kroeger
Location: Poster Hall (Moscone South)
Start time: Mon, Dec 13 - 1:40 PM

B13A-0449. Carbon and 3D structure estimates of Neotropical mangrove forests from Lidar, InSAR and field data. . I. E. Fatoyinbo ; M. Simard ; C. Giri View Pres.	Mon, Dec 13 1:40 PM	No itinerary selected
B13A-0448. Spatiotemporal Trends of the Bay of Bengal Shoreline Retreat along the Sundarban Coasts and the Relevant Carbon Implications. A. F. Rahman ; D. Dragoni ; B. Elmasri View Pres.	Mon, Dec 13 1:40 PM	No itinerary selected

Session Title: B13B. Biogeosciences General Contributions Posters
Session Type: Poster
Convener 1: Durelle Scott
Convener 2: Mariah S Carbone
Location: Poster Hall (Moscone South)
Start time: Mon, Dec 13 - 1:40 PM

B13B-0480. Global Landsat Surface Reflectance Products Derived Using GLS 2000 and 2005 Images. R. Narasimhan ; M. Feng; J. O. Sexton; C. Huang; S. Channan; E. F. Vermote; J. G. Masek; J. R. Townshend View Pres.	Mon, Dec 13 1:40 PM	No itinerary selected
B13B-0466. Inventory of Vegetation Spectral Properties in the South Bay Salt Ponds: A Database for Enhancing Decision Support and Restoration Mapping. A. K. Watson ; W. Hsu; R. Marzion; K. Sukita; E. Minkin; B. Fulfroost; J. W. Skiles View Pres.	Mon, Dec 13 1:40 PM	No itinerary selected
B13B-0476. Wind Disturbance Produced Changes in Tree Species Assemblage in the Peruvian Amazon . S. W. Rifaj ; J. Q. Chambers; R. I. Negron Juarez; F. Ramirez; R. Tello; W. Alegria Muñoz View Pres.	Mon, Dec 13 1:40 PM	No itinerary selected

Session Title: B21E. Urban Areas and Global Change III Posters

Session Type: Poster

Convener 1: Galina Churkina

Convener 2: Kathy A Hibbard

Location: Poster Hall (Moscone South)

Start time: Tue, Dec 14 - 8:00 AM

B21E-0356. Estimating Carbon Storage and Sequestration by Urban Trees at Multiple Spatial Resolutions. J. Wu ; A. Tran; A. Liao View Pres.	Tue, Dec 14 8:00 AM	No itinerary selected
B21E-0361. Urban expansion in Tokyo metropolitan area between 1972 and 2002. H. Bagan ; Y. Yamagata View Pres.	Tue, Dec 14 8:00 AM	No itinerary selected
B21E-0363. What's behind the warming signals in eastern China megacity areas?. Y. Hu; G. Jia View Pres.	Tue, Dec 14 8:00 AM	No itinerary selected

Session Title: B23G. Phenologies, Change, and Sustainability II Posters

Session Type: Poster

Convener 3: Julio L Betancourt

Convener 2: Kirsten de Beurs

Convener 4: Jesslyn F Brown

Convener 1: Geoffrey M Henebry

Location: Poster Hall (Moscone South)

Start time: Tue, Dec 14 - 1:40 PM

B23G-0467. An Evaluation of Data Fusion Products for the Analysis of Dryland Forest Phenology. J. J. Walker ; K. de Beurs; R. H. Wynne; F. Gao View Pres.	Tue, Dec 14 1:40 PM	No itinerary selected
B23G-0475. Changing Climate And Timberline Dynamics Of The Carpathians During XX Century. V. Martazinova ; P. Weisberg; V. Maderych; E. Ivanova; S. Savchuk; A. Shandra View Pres.	Tue, Dec 14 1:40 PM	No itinerary selected
B23G-0479. Linking Landsat observations with MODIS derived Land Surface Phenology data to map agricultural expansion and contraction in Russia. S. Caliskan ; K. de Beurs View Pres.	Tue, Dec 14 1:40 PM	No itinerary selected

Session Title: B31E. Regional Biosphere-Atmosphere Interactions in Complex Terrain: Processes and Feedbacks Among Nutrients, Water, and Climate I Posters

Session Type: Poster

Convener 1: Diego Riveros-Iregui

Convener 2: Jia Hu

Convener 3: Ankur R Desai

Location: Poster Hall (Moscone South)

Start time: Wed, Dec 15 - 8:00 AM

B31E-0350. A Geospatial Assessment of Mountain Pine Beetle Infestations and Their Effect on Forest Health in Okanogan-Wenatchee National Forest. M. Allain ; A. Nguyen; E. Johnson; E. Williams; S. Tsai; S. Prichard; T. Freed; J. W. Skiles View Pres.	Wed, Dec 15 8:00	No itinerary selected
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<p>B31E-0356. Peatland Distribution and Characterization in the Susitna River Basin, Alaska. <i>D. P. Brosseau; J. M. Ramage; Z. Yu; E. S. Klein; R. K. Booth; J. Loisel; B. G. Mark</i> View Pres.</p>	<p>AM Wed, Dec 15 8:00 AM</p>	<p>No itinerary selected</p>
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Session Title: B31F. Regional Land and Ocean Carbon Budgets I Posters
Session Type: Poster
Convener 2: A Johannes Dolman
Convener 3: Philippe Ciais
Convener 1: Josep Canadell
Location: Poster Hall (Moscone South)
Start time: Wed, Dec 15 - 8:00 AM

<p>B31F-0376. Regional Eddy Covariance Measurements of CO2 Exchange from a Tall Tower near Boulder, Colorado. <i>E. B. Graham; D. E. Wolfe; P. Blanken</i> View Pres.</p>	<p>Wed, Dec 15 8:00 AM</p>	<p>No itinerary selected</p>
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Session Title: B31J. How Does Landscape Affect Solute Movement to Aquatic Ecosystems? I
Session Type: Oral
Convener 2: Stephen D Sebestyen
Convener 1: Douglas A Burns
Convener 3: James B Shanley
Location: 2002 (Moscone West)
Start time: Wed, Dec 15 - 8:00 AM

<p>B31J-04. Climatic Variations And Ecosystem Disturbances As Drivers Of Chemical Mass Fluxes From Forested Ecosystems To Surface Waters. <i>K. N. Eshleman; K. M. Kline; B. E. McNeil; P. A. Townsend</i> View Pres.</p>	<p>Wed, Dec 15 8:45 AM</p>	<p>No itinerary selected</p>
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Session Title: B33C. Applications of Remote Sensing and GIS for Agricultural Mapping, Monitoring, and Data Visualization Posters
Session Type: Poster
Convener 1: Jessica L McCarty
Convener 2: Rick Mueller
Location: Poster Hall (Moscone South)
Start time: Wed, Dec 15 - 1:40 PM

<p>B33C-0414. Improving Crop Classification Techniques Using Optical Remote Sensing Imagery, High-Resolution Agriculture Resource Inventory Shapefiles and Decision Trees. <i>A. L. Melnychuk; A. A. Berg; S. Sweeney</i> View Pres.</p>	<p>Wed, Dec 15 1:40 PM</p>	<p>No itinerary selected</p>
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Session Title: B33E. Carbon Dynamics in Fire-Prone Forests II Posters
Session Type: Poster
Convener 1: Matthew Hurteau
Convener 2: Harold Zald
Location: Poster Hall (Moscone South)
Start time: Wed, Dec 15 - 1:40 PM

<p>B33E-0435. Modeled Climate and Disturbance Impacts to Carbon Sequestration of Recent Interior Boreal Alaska Ecosystem Productivity Declines. <i>C. S. Neigh; N. Carvalhais; G. J. Collatz; C. J. Tucker</i> View Pres.</p>	<p>Wed, Dec 15 1:40 PM</p>	<p>No itinerary selected</p>
<p>B33E-0428. Recovery of Above Ground Biomass and Foliar Nitrogen in Yellowstone National Park after the 1988 Fire. <i>D. M. Haddad; C. J. Tucker; S. V. Ollinger</i> View Pres.</p>	<p>Wed, Dec 15 1:40 PM</p>	<p>No itinerary selected</p>

Session Title: B33G. Seeing REDD: Application of Remote Sensing in Terrestrial Carbon Management I Posters
Session Type: Poster

Convener 1: Ralph Dubayah
Convener 2: Scott J Goetz
Location: Poster Hall (Moscone South)
Start time: Wed, Dec 15 - 1:40 PM

B33G-0454. Conterminous U.S. Forest Disturbance Dynamics Evaluated from Landsat Time Series Stacks . N. Thomas ; S. N. Goward; R. E. Kennedy; C. Huang; K. Schleeweis; J. G. Masek; W. B. Cohen; G. Moisen View Pres.	Wed, Dec 15 1:40 PM	No itinerary selected
B33G-0461. Mapping aboveground biomass for interior Alaska using Landsat data and field measurements. L. Ji ; B. K. Wylie; D. Nossor; B. Peterson; M. P. Waldrop; T. N. Hollingworth; J. A. Rover View Pres.	Wed, Dec 15 1:40 PM	No itinerary selected
B33G-0456. Monitoring Forest Carbon Dynamics for REDD: A Landsat-Lidar Fusion Approach. C. Huang ; R. Dubayah; G. C. Hurr; S. N. Goward; J. G. Masek; Z. Zhu View Pres.	Wed, Dec 15 1:40 PM	No itinerary selected

Session Title: B33H. Ecological Significance of Forest Structure From Remote Sensing, Modeling, and Field Measurements I Posters
Session Type: Poster
Convener 2: Pascale Dubois-Fernandez
Convener 1: Robert N Treuhaft
Convener 3: Somnath Baidya Roy
Location: Poster Hall (Moscone South)
Start time: Wed, Dec 15 - 1:40 PM

B33H-0482. Effect of different spatial resolution of satellite image to observe the forest condition using satellite image and National Forest Inventory data. T. Kajisa ; N. Mizoue; S. Yoshida View Pres.	Wed, Dec 15 1:40 PM	No itinerary selected
B33H-0477. Regional estimation of litterfall in a subtropical forest. H. Wang ; C. Huang View Pres.	Wed, Dec 15 1:40 PM	No itinerary selected

Session Title: B41C. Environmental Sensing Technologies for Improved Land Surface Characterization I Posters
Session Type: Poster
Convener 1: Oliver Sonnentag
Convener 3: John A Gamon
Convener 2: Youngryel Ryu
Location: Poster Hall (Moscone South)
Start time: Thu, Dec 16 - 8:00 AM

B41C-0319. Generation of High Resolution Land Surface Parameters in the Community Land Model . Y. Ke ; A. M. Coleman; M. S. Wigmosta; L. Leung; M. Huang; H. Li View Pres.	Thu, Dec 16 8:00 AM	No itinerary selected
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Session Title: B41I. Remote Sensing of Terrestrial Carbon Fluxes I Posters
Session Type: Poster
Convener 1: Karl F Huemmrich
Convener 2: Abdullah Faizur Rahman
Location: Poster Hall (Moscone South)
Start time: Thu, Dec 16 - 8:00 AM

B41I-0428. Estimating impacts of snow cover on net ecosystem exchange near Daring Lake, NWT, Canada (65°N, 111°W). K. A. Luus ; R. E. Kelly; J. C. Lin; E. R. Humphreys; P. Lafleur View Pres.	Thu, Dec 16 8:00 AM	No itinerary selected
B41I-0434. Terrestrial Biomass Pilot Product: Estimating Biomass and Carbon Storage by Combining Satellite and Ground Observations. S. Ganguly; R. R. Nemani ; G. Zhang; P. Votava; W. Wang; H. Hashimoto; C. Milesi; S. H. Hiatt; A. Michaelis; F. S. Melton; J. L. Dungan View Pres.	Thu, Dec 16 8:00 AM	No itinerary selected

Session Title: B42D. Seeing REDD: Application of Remote Sensing in Terrestrial Carbon Management II

Session Type: Oral

Convener 2: Scott J Goetz

Convener 1: Ralph Dubayah

Location: 2006 (Moscone West)

Start time: Thu, Dec 16 - 10:20 AM

B42D-02. National scale disturbance mapping in support of REDD monitoring systems (<i>Invited</i>). M. C. Hansen ; P. Potapov ; M. Broich ; S. Turubanova ; B. Adusei View Pres.	Thu, Dec 16 10:35 AM	No itinerary selected
B42D-04. Toward global baselines and monitoring of forest cover for REDD: the Global Forest Cover Change project. J. O. Sexton ; C. Huang ; J. G. Masek ; M. Feng ; R. Narasimhan ; E. F. Vermote ; M. C. Hansen ; R. E. Wolfe ; S. Channan ; J. R. Townshend View Pres.	Thu, Dec 16 11:15 AM	No itinerary selected
B42D-06. PAN-TROPICAL FOREST COVER FROM ALOS-PALSAR DATA . J. M. Kelldorfer ; W. S. Walker ; J. B. Bishop ; T. Cormier ; A. Baccini ; S. J. Goetz ; N. Laporte ; F. Holecz View Pres.	Thu, Dec 16 11:55 AM	No itinerary selected

Session Title: B44A. Improving Predictions of the Global Carbon Cycle and Climate: New Mechanisms, Feedback Loops, and Approaches for Model Evaluation III

Session Type: Oral

Convener 4: Wilfred M Post

Convener 3: Atul K Jain

Location: 2004 (Moscone West)

Start time: Thu, Dec 16 - 4:00 PM

B44A-08. Amazon old-growth forest wind disturbance and the regional carbon balance. J. Q. Chambers ; R. I. Negron Juarez ; D. M. Marra ; D. A. Roberts ; G. C. Hurtt ; A. Lima ; N. Higuchi View Pres.	Thu, Dec 16 5:45 PM	No itinerary selected
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Session Title: B44C. Ecological Significance of Forest Structure from Remote Sensing, Modeling, and Field Measurements II

Session Type: Oral

Convener 2: Pascale Dubois-Fernandez

Convener 1: Robert N Treuhaft

Location: 2006 (Moscone West)

Start time: Thu, Dec 16 - 4:00 PM

B44C-07. Lidar-based biomass assessment for the Yukon River Basin. B. Peterson ; B. K. Wylie ; J. Stoker ; D. Nossov View Pres.	Thu, Dec 16 5:30 PM	No itinerary selected
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Session Title: B53C. Remote Sensing of Terrestrial Carbon Fluxes II

Session Type: Oral

Convener 1: Karl F Huemmrich

Convener 2: Abdullah Faizur
Rahman

Location: 2004 (Moscone West)

Start time: Fri, Dec 17 - 1:40 PM

B53C-05. Remote estimation of crop gross primary productivity: from close range to satellites . A. A. Gitelson ; Y. Peng ; T. Sakamoto ; G. P. Keydan ; D. C. Rundquist View Pres.	Fri, Dec 17 2:40 PM	No itinerary selected
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Session Title: B54C. Remote Sensing of Terrestrial Carbon Fluxes III

Session Type: Oral

Convener 1: Karl F Huemmrich

Convener 2: Abdullah Faizur
Rahman

Location: 2004 (Moscone West)
Start time: Fri, Dec 17 - 4:00 PM

B54C-05. Impact of Fire Disturbance on Regional Net Ecosystem Exchange for a Sub-Humid Woodland and Grassland Ecosystem. J. Yao ; J. D. White View Pres.	Fri, Dec 17 5:00 PM	No itinerary selected
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Session Title: C11A. Monitoring Changes in Polar Ice Sheets and Sea Ice Using Airborne and Satellite Remote Sensing I Posters

Session Type: Poster

Convener 4: Jeffrey S Deems

Convener 2: Seelye Martin

Convener 1: Michael Studinger

Convener 3: Nathan T Kurtz

Location: Poster Hall (Moscone South)

Start time: Mon, Dec 13 - 8:00 AM

C11A-0531. Evolving ice fronts and surface speeds in the Amundsen Sea Embayment between 1972-2010. J. A. MacGregor ; G. A. Catania ; M. Markowski ; A. Andrews View Pres.	Mon, Dec 13 8:00 AM	No itinerary selected
C11A-0530. SURFACE VELOCITY MAPPING OF LAMBERT GLACIER-AMERY ICE SHELF SYSTEM USING FEATURE-TRACKING. Z. Chi ; A. G. Klein View Pres.	Mon, Dec 13 8:00 AM	No itinerary selected

Session Title: C23A. Assessing Past and Future Mass Changes of Earth's Mountain Glaciers and Ice Caps I Posters

Session Type: Poster

Convener 3: Shad O'Neel

Convener 1: Regine ME Hock

Convener 2: Jon Ove Methlie Hagen

Location: Poster Hall (Moscone South)

Start time: Tue, Dec 14 - 1:40 PM

C23A-0584. A new inventory of glaciers and supraglacial debris for the Alaska Range with a case study of rock avalanche loading. S. J. Herreid ; A. A. Arendt ; R. M. Hock ; C. Kienholz View Pres.	Tue, Dec 14 1:40 PM	No itinerary selected
C23A-0601. Tropical New World Glacier Recession from the mid-1980s to the mid-2000s. D. A. Slayback ; C. J. Tucker View Pres.	Tue, Dec 14 1:40 PM	No itinerary selected

Session Title: C23B. Evolution and Stability of the Greenland Ice Sheet I Posters

Session Type: Poster

Convener 1: Martin Truffer

Location: Poster Hall (Moscone South)

Start time: Tue, Dec 14 - 1:40 PM

C23B-0623. Changes in the marine-terminating glaciers of the Geikie Plateau and Blosseville Coast Region, East Greenland, 2000-2009. K. Walsh ; I. M. Howat ; A. A. Arendt ; Y. Ahn View Pres.	Tue, Dec 14 1:40 PM	No itinerary selected
C23B-0626. Evolution of supraglacial lakes and drainage patterns on the margin of the Greenland Ice Sheet, Part 1. Observation of crescentic surface lakes and their trailing ogives.. J. E. Vidonish ; P. S. Wooley ; L. M. Cathles ; J. M. Amundson ; K. N. Darnell ; D. R. MacAyeal View Pres.	Tue, Dec 14 1:40 PM	No itinerary selected
C23B-0608. Sub- and Inter-annual Variability in Flow Speed of Outlet Glaciers in Greenland and Antarctica since 1999. Y. Ahn ; I. M. Howat View Pres.	Tue, Dec 14 1:40 PM	No itinerary selected

Session Title: C23C. Interactions of Ice Sheets and Glaciers With the Ocean III Posters

Session Type: Poster

Convener 2: Laurence Padman
Convener 3: Kelly M Brunt
Convener 1: Helen Amanda Fricker
Location: Poster Hall (Moscone South)
Start time: Tue, Dec 14 - 1:40 PM

C23C-0632. Changes and drivers of marine terminating outlets in Greenland. <i>K. Scharrer; T. Murray; A. Booth; T. D. James; A. J. Luckman; A. L. Hughes; A. Goldsack; S. L. Bevan; S. Cook; Y. Drocourt; J. Bradley; L. Cordero Llana; J. Mc Govern</i> View Pres.	Tue, Dec 14 1:40 PM	No itinerary selected
C23C-0637. Controls on the calving flux of North West Svalbard glaciers. <i>D. Mansell; A. J. Luckman; T. Murray</i> View Pres.	Tue, Dec 14 1:40 PM	No itinerary selected
C23C-0633. Tidewater Margin Dynamics in Central East Greenland Over two Decades. <i>H. Jiskoot; D. Juhlin; H. St.Pierre; M. Citterio</i> View Pres.	Tue, Dec 14 1:40 PM	No itinerary selected

Session Title: C33E. Quantifying and Modeling Spatial Variability and Wind Redistribution of Snow II Posters
Session Type: Poster
Convener 4: Jeffrey S Deems
Convener 2: Stephen J Dery
Convener 1: Hans-Peter Marshall
Convener 3: Michael Lehning
Location: Poster Hall (Moscone South)
Start time: Wed, Dec 15 - 1:40 PM

C33E-0589. A Comparison of the Fractional MODIS and LANDSAT Thematic Mapper with Ground-Based Snow Surveys in the Sierra Nevada . <i>R. Rice; R. C. Bales; P. B. Kirchner; P. C. Saks; K. E. Rittger; T. H. Painter; J. Dozier</i> View Pres.	Wed, Dec 15 1:40 PM	No itinerary selected
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Session Title: C41C. The Legacy and Fate of Permafrost: Geochemical, Geophysical, and Geomorphic Aspects II
Session Type: Oral
Convener 2: Anna K Liljedahl
Convener 1: Stephanie A Ewing
Convener 3: Jonathan O'Donnell
Location: 3010 (Moscone West)
Start time: Thu, Dec 16 - 8:00 AM

C41C-01. The Role of Ice-Push Shoreline Features in the Orientation of Thaw Lakes. <i>E. A. Lyons; Y. Sheng; K. M. Hinkel; J. Wang</i> View Pres.	Thu, Dec 16 8:00 AM	No itinerary selected
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Session Title: C43F. Measuring Earth's Third Dimension: ICESat, IceBridge, CryoSat, and Beyond II
Session Type: Oral
Convener 2: Tom Neumann
Convener 3: Bob E Schutz
Convener 4: Lora Koenig
Convener 1: Duncan John Wingham
Convener 1: Timothy J Urban
Convener 4: H Jay Zwally
Convener 2: Thorsten Markus
Location: 3011 (Moscone West)
Start time: Thu, Dec 16 - 1:40 PM

C43F-05. Quantification of glacier elevation changes using ICESat and SRTM elevation data in the Upper Indus Basin.. <i>B. S. Naz; L. C. Bowling; M. M. Crawford</i> View Pres.	Thu, Dec 16 2:40 PM	No itinerary selected
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Session Title: C51A. Remote Sensing of the Cryosphere I Posters
Session Type: Poster
Convener 1: Thomas H Painter
Convener 2: Tom Neumann

Location: Poster Hall (Moscone South)

Start time: Fri, Dec 17 - 8:00 AM

C51A-0481. New Digital Glacier Database for Svalbard. <i>M. König; C. Nuth; J. Kohler</i> View Pres.	Fri, Dec 17 8:00 AM	No itinerary selected
C51A-0485. Satellite optical feature tracking in southern Alaska: Ice surface velocity maps for Tustumena Glacier. <i>J. B. Turrin; R. R. Forster; D. K. Hall</i> View Pres.	Fri, Dec 17 8:00 AM	No itinerary selected
C51A-0478. The dynamics of flow and sediment transport during Karakoram surge cycles. <i>D. J. Quincey; M. P. Bishop; H. Sevestre; N. F. Glasser</i> View Pres.	Fri, Dec 17 8:00 AM	No itinerary selected
C51A-0472. Winter MODIS observations of West Greenland fjord ice activity. <i>R. K. Cassotto; M. A. Fahnestock; J. M. Amundson</i> View Pres.	Fri, Dec 17 8:00 AM	No itinerary selected

Session Title: C53A. Remote Sensing of the Cryosphere II

Session Type: Oral

Convener 1: Thomas H Painter

Convener 2: Tom Neumann

Location: 3011 (Moscone West)

Start time: Fri, Dec 17 - 1:40 PM

C53A-03. Mapping Antarctica Using China's HJ-1A/1B Small Satellites Data—a Preliminary Result. <i>F. Hui; X. Cheng; Y. Liu; F. Wang; Z. Liu</i> View Pres.	Fri, Dec 17 2:10 PM	No itinerary selected
C53A-06. China's effort to map Antarctica using multi-source remote sensed data. <i>X. Cheng; F. Hui; Y. Liu</i> View Pres.	Fri, Dec 17 2:55 PM	No itinerary selected

Session Title: C54B. Remote Sensing of the Cryosphere III

Session Type: Oral

Convener 1: Thomas H Painter

Convener 2: Tom Neumann

Location: 3011 (Moscone West)

Start time: Fri, Dec 17 - 4:00 PM

C54B-01. Spectral variability of debris covered glaciers via optical remote sensing: examples from Iceland, Khumbu Himalaya, New Zealand and Norway. <i>K. Casey; A. Käåb</i> View Pres.	Fri, Dec 17 4:00 PM	No itinerary selected
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Session Title: ED31B. Education and Human Resources General Contributions Posters

Session Type: Poster

Convener 2: Margaret C Brewer-LaPorta

Convener 1: Justin Ross Brown

Convener 3: Christine L Williams

Location: Poster Hall (Moscone South)

Start time: Wed, Dec 15 - 8:00 AM

ED31B-0652. Enhancing the Teaching of Digital Processing of Remote Sensing Image Course through Geospatial Web Processing Services. <i>L. Di; M. Deng</i> View Pres.	Wed, Dec 15 8:00 AM	No itinerary selected
	Wed,	

ED31B-0676. Space Grant Undergraduate Remote Sensing Research in Urban Growth near Mobile Bay, Alabama. <i>M. J. Abolins; J. Keen; P. Wilcox; A. Sheehan; S. Dial</i> View Pres.	Dec 15 8:00 AM	No itinerary selected
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Session Title: ED31C. Traditional Knowledge and Geoscience Research and Education I Posters

Session Type: Poster

Convener 1: Pat A Cooper

Convener 3: Ray Barnhardt

Convener 2: Ann Coopersmith

Location: Poster Hall (Moscone South)

Start time: Wed, Dec 15 - 8:00 AM

ED31C-0685. Remote Detection of Climate Change Indicators in the Mission Mountain Range: Tracking Ice Field Movement. . <i>C. N. Sifford; R. Kenning; M. Carlson; B. N. Rock</i> View Pres.	Wed, Dec 15 8:00 AM	No itinerary selected
ED31C-0686. Remote Sensing and GIS Methods to Detect Uranium Contamination in Watersheds on the Navajo Nation: A NASA/AIHEC Summer Research Experience.. <i>E. Chaco; D. K. Robinson; M. Carlson; B. N. Rock</i> View Pres.	Wed, Dec 15 8:00 AM	No itinerary selected

Session Title: EP21A. Earth and Planetary Surface Processes I: Planetary, Eolian, Remote Sensing Posters

Session Type: Poster

Convener 2: Leonard S Sklar

Convener 1: Michael P Lamb

Location: Poster Hall (Moscone South)

Start time: Tue, Dec 14 - 8:00 AM

EP21A-0729. Time-Series Development for Geophysical Research: The Role of Historical Landsat Remote Sensing. <i>C. J. Crawford; M. Bauer</i> View Pres.	Tue, Dec 14 8:00 AM	No itinerary selected
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Session Title: EP23A. Coastal Geomorphology and Morphodynamics: Bridging Event and Long-Term Processes II Posters

Session Type: Poster

Convener 2: Cheryl J Hapke

Convener 1: Jesse E McNinch

Location: Poster Hall (Moscone South)

Start time: Tue, Dec 14 - 1:40 PM

EP23A-0768. Outer Banks Climate - Utilizing NASA Earth Observations to Establish a Methodology for Assessing Coastal Change in North Carolina. <i>M. A. Vaughan; K. Morgan; D. Doddridge; D. Norman; C. Burns; C. Collins; J. Warren</i> View Pres.	Tue, Dec 14 1:40 PM	No itinerary selected
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Session Title: EP31B. Geomorphological and Ecological Processes in Tidal Flats and Wetlands II Posters

Session Type: Poster

Convener 1: Sergio Fagherazzi

Convener 2: Andrea S Ogston

Location: Poster Hall (Moscone South)

Start time: Wed, Dec 15 - 8:00 AM

EP31B-0742. Prototype Application of NASA Missions to Identify Patterns of Wetland Vegetation Development within the South San Francisco Bay Salt Ponds. <i>W. Hsu; M. E. Newcomer; E. Justice; L. S. Guild; J. W. Skiles</i> View Pres.	Wed, Dec 15 8:00 AM	No itinerary selected
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Session Title: EP31C. The Morphodynamics of Big Rivers: What Do and Don't We Know? II Posters

Session Type: Poster

Convener 2: Jim Best

Convener 3: Daniel R Parsons

Convener 1: Philip J Ashworth

Location: Poster Hall (Moscone South)

Start time: Wed, Dec 15 - 8:00 AM

EP31C-0749. Braided River Evolution and Bifurcation Dynamics During Floods and Low Flow in the Jamuna River. <i>W. A. Marra; M. G. Kleinhans; E. Addink</i> View Pres.	Wed, Dec 15 8:00 AM	No itinerary selected
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Session Title: EP51A. Algorithms, Methods, and Applications for Using Optical Imagery to Detect and Monitor Land Surface Processes Posters

Session Type: Poster

Convener 1: Marius Necsoiu

Convener 2: Sebastien Leprince

Location: Poster Hall (Moscone South)

Start time: Fri, Dec 17 - 8:00 AM

EP51A-0532. A method for constructing time series of dune mobility by optical cross correlation, with application to the Bodélé Depression of northern Chad (<i>Invited</i>). <i>P. Vermeesch</i> View Pres.	Fri, Dec 17 8:00 AM	No itinerary selected
EP51A-0537. Mapping Arctic Ocean Coastline Change With Landsat Archive Data And Object-Based Image Analysis. <i>D. Hulstander</i> View Pres.	Fri, Dec 17 8:00 AM	No itinerary selected
EP51A-0536. Multi-Temporal Land Cover Analysis in the Mid-Willamette Basin, Oregon: Assessment of Riparian Forest Canopy Using Landsat Thematic Mapper Data. <i>R. J. Stanley; S. B. Taylor</i> View Pres.	Fri, Dec 17 8:00 AM	No itinerary selected

Session Title: EP51D. Lidar for Analysis of Earth-Surface Processes II Posters

Session Type: Poster

Convener 2: Paola Passalacqua

Convener 1: Patrick Belmont

Location: Poster Hall (Moscone South)

Start time: Fri, Dec 17 - 8:00 AM

EP51D-0576. Fine-scale characterization of juniper expansion via lidar data and fusion with Landsat 5 TM. <i>T. T. Sankey; N. F. Glenn; R. Shrestha; S. P. Hardegree</i> View Pres.	Fri, Dec 17 8:00 AM	No itinerary selected
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Session Title: G21B. Measuring and Modeling of Active Tectonic Processes in Alaska at the Beginning of the EarthScope Era II Posters

Session Type: Poster

Convener 1: Jeanne M Sauber

Convener 3: Douglas H Christensen

Convener 2: Jeffrey T Freymueller

Location: Poster Hall (Moscone South)

Start time: Tue, Dec 14 - 8:00 AM

G21B-0801. MAPPING SUB-GLACIER GEOMORPHOLOGY AND STRUCTURE IN A COLLISIONAL OROGEN; AN EXAMPLE FROM THE AGASSIZ AND MALASPINA GLACIERS, AK.. <i>M. M. Cotton; R. L. Bruhn; J. M. Sauber</i> View Pres.	Tue, Dec 14 8:00 AM	No itinerary selected
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Session Title: G41B. Recent Advances in Observation and Modeling of Glacial Isostatic Adjustment II Posters

Session Type: Poster

Convener 3: Shfaqat Abbas Khan

Convener 1: Matthew Simpson

Convener 2: Erik R Ivins

Location: Poster Hall (Moscone South)

Start time: Thu, Dec 16 - 8:00 AM

G41B-0817. Visco-elastic rebound of the lithosphere around the lake Siling Co in Tibet observed by InSAR. <i>M. Doin; C. Twardzik; G. Ducret; C. Lasserre; S. Guillaso; S. Jianbao</i> View Pres.	Thu, Dec 16 8:00 AM	No itinerary selected
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Session Title: GC11A. The Future of Polar Science: The Path Beyond the International Polar Year I
Session Type: Oral
Convener 2: Julie Brigham-Grette
Convener 4: Lauren M Brown
Convener 3: James H Swift
Convener 1: James W C White
Location: 3005 (Moscone West)
Start time: Mon, Dec 13 - 8:00 AM

GC11A-02. NASA and polar science in the coming decade. T. P. Wagner ; J. A. Kaye View Pres.	Mon, Dec 13 8:12 AM	No itinerary selected
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Session Title: GC13D. Toward a Global Greenhouse Gas Monitoring and Information System I Posters
Session Type: Poster
Convener 3: Doug Rotman
Convener 4: Philippe Ciais
Convener 2: James H Butler
Convener 1: Riley M Duren
Location: Poster Hall (Moscone South)
Start time: Mon, Dec 13 - 1:40 PM

GC13D-0732. Enhanced Temporal Repeat Coverage at Landsat-like Resolution – a Low-cost, Small-sat Mission Concept . D. L. Williams ; C. J. Tucker ; J. G. Masek ; M. E. Brown ; C. Jarvis View Pres.	Mon, Dec 13 1:40 PM	No itinerary selected
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Session Title: GC33A. Bringing Together Environmental, Socioeconomic, and Climatic Change Studies in Northern Eurasia I Posters
Session Type: Poster
Convener 1: Irina N Sokolik
Convener 2: Scott J Goetz
Location: Poster Hall (Moscone South)
Start time: Wed, Dec 15 - 1:40 PM

GC33A-0932. Estimating Scots Pine Tree Mortality Using High Resolution Multispectral Images. L. Buriak ; A. I. Sukhinin ; S. G. Conard ; G. A. Ivanova ; D. J. McRAe ; A. J. Soja ; E. Okhotkina View Pres.	Wed, Dec 15 1:40 PM	No itinerary selected
GC33A-0922. Post-Soviet farmland abandonment, forest recovery, and carbon storage potential in Ukraine. P. Olofsson ; T. Kuemmerle ; M. Baumann ; V. C. Radeloff ; C. E. Woodcock ; P. Hostert View Pres.	Wed, Dec 15 1:40 PM	No itinerary selected
GC33A-0915. VEGETATION STRUCTURE CHANGES IN THE SOUTH PART OF WESTERN SIBERIA AT THE END OF XX CENTURY. E. Dyukarev ; N. N. Pologova ; E. A. Golovatskaya ; A. G. Dyukarev ; E. P. Gordov ; I. G. Okladnikov ; A. G. Titov View Pres.	Wed, Dec 15 1:40 PM	No itinerary selected

Session Title: GC41A. The Third Pole Environment (TPE) Under Global Changes II Posters
Session Type: Poster
Convener 3: Volker Mosbrugger
Convener 4: Yongwei Sheng
Convener 1: Tandong Yao
Convener 2: Lonnie G Thompson
Location: Poster Hall (Moscone South)
Start time: Thu, Dec 16 - 8:00 AM

GC41A-0868. A New Comprehensive Dataset on Glacier Area Changes From 1960s to 2008 in Altai-Sayan, Tien Shan And Pamir Mountain Systems of Central Asia. A. Surazakov ; V. B. Aizen ; E. Aizen ; S. Nikitin View Pres.	Thu, Dec 16 8:00 AM	No itinerary selected
GC41A-0866. Snow and glacier change in koshi Basin Himalaya and its response to global warming. Y. Gao ; X. Yang ; T. Yao ; D. YuFeng View Pres.	Thu, Dec 16 8:00 AM	No itinerary selected

Session Title: GC41D. Bringing Together Environmental, Socioeconomic, and Climatic Change Studies in Northern Eurasia II
Session Type: Oral
Convener 1: Pavel Ya Groisman
Convener 2: Amber Jeanine Soja
Location: 2022 (Moscone West)
Start time: Thu, Dec 16 - 8:00 AM

GC41D-07. Forest Cover Monitoring 2000-2005 for European Russia Using Landsat Data Composites. P. Potapov ; M. C. Hansen View Pres.	Thu, Dec 16 9:30 AM	No itinerary selected
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Session Title: GC41G. Toward a Global Greenhouse Gas Monitoring and Information System II
Session Type: Oral
Convener 3: Doug Rotman
Convener 4: Philippe Ciais
Convener 2: James H Butler
Convener 1: Riley M Duren
Location: 2005 (Moscone West)
Start time: Thu, Dec 16 - 8:00 AM

GC41G-08. NASA Carbon Monitoring System Program. J. A. Kaye ; B. Doorn ; K. W. Jucks ; D. E. Wickland ; P. S. Bontempi View Pres.	Thu, Dec 16 9:36 AM	No itinerary selected
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Session Title: GC43A. Biogeochemical Responses to a Changing Arctic I Posters
Session Type: Poster
Convener 1: Adrian V Rocha
Convener 2: Reginald R Muskett
Convener 3: Alexander L Kholodov
Location: Poster Hall (Moscone South)
Start time: Thu, Dec 16 - 1:40 PM

GC43A-0959. Distribution of Carbon and Cations across Aquatic and Terrestrial Ecosystems of the Western Hudson Bay Low Arctic, Manitoba, Canada . C. E. Umbanhowar ; P. Henneghan ; K. Passow ; E. Emmons ; M. Kubis ; M. Parker ; P. Camill ; C. E. Geiss ; M. Edlund View Pres.	Thu, Dec 16 1:40 PM	No itinerary selected
GC43A-0962. Late summer variability of dissolved organic matter in the Kolyma River observed using satellite imagery. C. G. Griffin ; K. E. Frey ; J. Rogan ; R. M. Holmes View Pres.	Thu, Dec 16 1:40 PM	No itinerary selected

Session Title: GC43B. Greening/Sustainable Arctic I Posters
Session Type: Poster
Convener 2: Marc Macias Fauria
Convener 3: Bruce C Forbes
Convener 1: Donald A Walker
Location: Poster Hall (Moscone South)
Start time: Thu, Dec 16 - 1:40 PM

GC43B-0984. Changes in tundra vegetation over 25 years as measured by Landsat NDVI in the Upper Kuparuk River Basin, North Slope, Alaska, 1985-2009. M. K. Reynolds ; D. A. Walker ; D. Verbyla ; C. A. Munger View Pres.	Thu, Dec 16 1:40 PM	No itinerary selected
GC43B-0979. Climate-induced shrubland greening in northern Quebec over the Landsat era . K. M. McManus ; D. C. Morton ; J. G. Masek ; D. Wang ; J. O. Sexton View Pres.	Thu, Dec 16 1:40 PM	No itinerary selected

Session Title: GC44B. The Third Pole Environment (TPE) Under Global Changes IV

Session Type: Oral
Convener 3: Volker Mosbrugger
Convener 4: Yongwei Sheng
Convener 1: Tandong Yao
Convener 2: Lonnie G Thompson
Location: 3001 (Moscone West)
Start time: Thu, Dec 16 - 4:00 PM

GC44B-05. Linking Large-scale, Long-term Modeling and Micro-scale, Short-term Process Studies to Assess Climate-driven Changes in Hydrological Dynamics in the Nam Co Basin, Tibet, China. <i>S. Biskop; P. Krause; R. Leitterer; J. Helmschrot</i> View Pres.	Thu, Dec 16 5:30 PM	No itinerary selected
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Session Title: GC51F. Remote Sensing and Geospatial Analysis of Ecosystem Services Posters
Session Type: Poster
Convener 1: Andrew N Pilant
Convener 2: Darryl J Keith
Location: Poster Hall (Moscone South)
Start time: Fri, Dec 17 - 8:00 AM

GC51F-0798. Multi-temporal land cover classification of the Konya Basin, south-central Turkey, based on a LANDSAT TM-derived NDVI/NDMI time series: satellite remote sensing in support of landscape-scale soil biogeochemistry research. <i>M. T. Maves; M. Ozdogan; E. Marin-Spiotta</i> View Pres.	Fri, Dec 17 8:00 AM	No itinerary selected
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Session Title: GC51I. Using Downscaled Climate Data in Impact and Adaptation Studies II Posters
Session Type: Poster
Convener 3: Bridget Thrasher
Convener 1: Philip Duffy
Convener 2: Levi D Brekke
Location: Poster Hall (Moscone South)
Start time: Fri, Dec 17 - 8:00 AM

GC51I-0846. Development of Apalachicola-Chattahoochee-Flint hydrology and habitat model parameters through biophysical remote sensing. <i>J. Jones</i> View Pres.	Fri, Dec 17 8:00 AM	No itinerary selected
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Session Title: GC53B. Greening of the Arctic II
Session Type: Oral
Convener 1: Howard E Epstein
Convener 2: Isla H Myers-smith
Location: 3001 (Moscone West)
Start time: Fri, Dec 17 - 1:40 PM

GC53B-09. SHRUB EXPANSION ALONG ARCTIC ALASKAN STREAMS AND GULLIES REDUCES EROSION SINCE 1980. <i>K. D. Tape; D. Verbyla; J. M. Welker</i> View Pres.	Fri, Dec 17 3:16 PM	No itinerary selected
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Session Title: GC54A. Greening/Sustainable Arctic III
Session Type: Oral
Convener 1: Maribeth S Murray
Convener 2: Peter Schlosser
Convener 3: Michael K H Tjernstrom
Location: 3001 (Moscone West)
Start time: Fri, Dec 17 - 4:00 PM

GC54A-03. Spatio-temporal trends in vegetation structure and NDVI in Low Arctic northwest Siberia: evidence from the satellite record and ground observations. G. V. Frost ; H. E. Epstein ; D. A. Walker View Pres.	Fri, Dec 17 4:24 PM	No itinerary selected
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Session Title: H14C. Hydroepidemiology: Understanding Connections Between Hydrology and Human Health II

Session Type: Oral

Convener 3: Antarpreet S Jutla

Convener 5: Kyle C McDonald

Convener 2: Donna M. Rizzo

Convener 4: Erika Podest

Convener 1: Arne Bomblies

Location: 2004 (Moscone West)

Start time: Mon, Dec 13 - 4:00 PM

H14C-06. Remote Sensing Assessment of Soil Moisture, Soil Mineralogy and other Environmental Factors Influencing Mosquito-borne Infection Risks in the Lower Rio Grande Valley, U.S. – Mexico Border (<i>Invited</i>). B. E. Hubbard ; H. W. Folger ; W. R. Page View Pres.	Mon, Dec 13 5:15 PM	No itinerary selected
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Session Title: H21G. Water Resources Science and Strategies for Adaptation to Climate Variability and Change I Posters

Session Type: Poster

Convener 1: Jason J Gurdak

Convener 1: Michael J Friedel

Convener 2: Shannon McNeeley

Convener 3: Benjamin R Lintner

Convener 2: James A Tindall

Location: Poster Hall (Moscone South)

Start time: Tue, Dec 14 - 8:00 AM

H21G-1146. Urban Expansion Dynamic and its Impact on Water Infiltration and Stream-flow in Huntsville City, Alabama. M. F. Wagaw ; T. Gabre ; G. Kebede ; C. Wilson ; C. Davis View Pres.	Tue, Dec 14 8:00 AM	No itinerary selected
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Session Title: H23F. Remote Sensing of Hydrology and Its Applications I Posters

Session Type: Poster

Convener 2: Dongryeol Ryu

Convener 3: Alok Kumar Sahoo

Convener 4: John D Bolten

Convener 1: Michael H Cosh

Location: Poster Hall (Moscone South)

Start time: Tue, Dec 14 - 1:40 PM

H23F-1296. LINEAMENT MAPPING FOR HYDROGEOLOGICAL CHARACTERIZATION OF VOLCANIC TERRAINS USING PRODUCTS DERIVED FROM DEMs, RADAR, LANDSAT AND ASTER IMAGERY. M. Rios-Sanchez ; J. S. Gierke ; T. Muñoz-Martínez View Pres.	Tue, Dec 14 1:40 PM	No itinerary selected
H23F-1277. Spatial Variability of Soil Moisture and the Validation of Remote Sensing Products in a Unique Beach Environment. J. Rogers ; A. A. Berg View Pres.	Tue, Dec 14 1:40 PM	No itinerary selected
H23F-1281. USE OF SAR DATA, OPTIMAL IMAGES, AND TOPOGRAPHY DATA FOR COASTAL FLOOD MAPPING IN THE NORTHERN GULF OF MEXICO. J. J. Angelo ; S. C. Hagen ; N. Chaouch ; M. Temimi ; S. C. Medeiros ; J. C. Feyen ; Y. Funaksohi ; R. Khanbilvardi ; J. Weishampel ; F. Aikman ; P. J. Restrepo ; D. Reed View Pres.	Tue, Dec 14 1:40 PM	No itinerary selected
H23F-1298. USING THE NIR/BLUE SURFACE MOISTURE INDEX TO EXPLORE FEATURE IDENTIFICATION AT MULTIPLE SPATIAL RESOLUTIONS. B. Morris ; L. Dupigny-Giroux View Pres.	Tue, Dec 14 1:40 PM	No itinerary selected

Session Title: H23G. Science Informing Decisions in the Colorado River Basin II Posters

Session Type: Poster

Convener 2: Connie A Woodhouse

Convener 1: James R Prairie
Convener 3: Andrew W Wood
Convener 4: David W Pierce
Location: Poster Hall (Moscone South)
Start time: Tue, Dec 14 - 1:40 PM

H23G-1317. Evapotranspiration Retrieval through Optical/Thermal Satellite Imagery and Ground Measurements in the Green River Basin, Wyoming. N. Pradhan ; J. M. Hendrickx ; F. L. Ogden ; S. W. Wolf View Pres.	Tue, Dec 14 1:40 PM	No itinerary selected
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Session Title: H23J. Evapotranspiration II: Remote Sensing Applications From Water Management to the Global Water Cycle
Session Type: Oral
Convener 3: Martha C Anderson
Convener 1: Eric F Wood
Location: 3014 (Moscone West)
Start time: Tue, Dec 14 - 1:40 PM

H23J-06. Estimation of Evapotranspiration of Tamarisk using Energy Balance Models with High Resolution Airborne Imagery and LIDAR Data. H. M. Geli ; S. Taghvaeian ; C. M. Neale ; R. Pack ; D. R. Watts ; J. Osterberg View Pres.	Tue, Dec 14 2:55 PM	No itinerary selected
H23J-08. GROWING SEASON EVAPOTRANSPIRATION WITH SATELLITE REMOTE SENSING PROCEDURE. A. Irmak ; I. Ratcliffe ; P. Ranade ; B. Kamble ; D. Mutibwa ; O. Z. Akasheh View Pres.	Tue, Dec 14 3:25 PM	No itinerary selected

Session Title: H24B. Evapotranspiration III: Modeling Fundamentals and Applications
Session Type: Oral
Convener 4: Marcelo Chamecki
Convener 1: Marc B Parlange
Convener 3: Elie Bou-Zeid
Convener 2: Eric F Wood
Location: 3014 (Moscone West)
Start time: Tue, Dec 14 - 4:00 PM

H24B-07. Integration of Remote Sensing derived Actual Evapotranspiration with Meteorological Data for Real Time Demand Forecasting in Semi-arid Regions. M. K. Ullah ; M. M. Hafeez ; Y. Chemin ; R. Faux ; J. Sixsmith View Pres.	Tue, Dec 14 5:30 PM	No itinerary selected
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Session Title: H31B. Evapotranspiration IV: Modeling and Applications From Local Coupling and Water Management to the Global Water Cycle Posters
Session Type: Poster
Convener 2: Martha C Anderson
Convener 5: Marc B Parlange
Convener 1: Eric F Wood
Convener 4: Michael L Roderick
Convener 6: Marcelo Chamecki
Convener 6: Elie Bou-Zeid
Location: Poster Hall (Moscone South)
Start time: Wed, Dec 15 - 8:00 AM

H31B-0983. Characterization of evapotranspiration in the riparian zone of the Lower Boise River, with implications for groundwater flow. B. A. Johnson ; B. Malama ; W. Barrash ; A. N. Flores View Pres.	Wed, Dec 15 8:00 AM	No itinerary selected
H31B-0994. Downscaling of Aircraft-, Landsat-, and MODIS-based Land Surface Temperature Images with Support Vector Machines. W. Ha ; P. H. Gowda ; T. Oommen ; T. A. Howell ; J. E. Hernandez View Pres.	Wed, Dec 15 8:00 AM	No itinerary selected
H31B-0995. Evaluation of SEBS for Deriving Land Surface Energy Fluxes with MODIS Data in a Semiarid Region. H. Jayanthi ; P. H. Gowda ; B. R. Scanlon ; T. A. Howell ; G. Paul View Pres.	Wed, Dec 15 8:00	No itinerary selected

H31B-1005. Evapotranspiration and Water Use Efficiency of Terrestrial Ecosystems in the Great Plains. R. K. Singh ; S. Liu ; L. L. Tieszen View Pres.	Wed, Dec 15 8:00 AM	No itinerary selected
H31B-0997. IS A SIMPLE, LEAF AREA INDEX BASED WATER BALANCE A REASONABLE WAY TO PREDICT CATCHMENT DISCHARGE IN MONTANE REGIONS OF AUSTRALIA? . J. D. Henry ; F. van Ogtrop ; R. W. Vervoort ; M. Gharun View Pres.	Wed, Dec 15 8:00 AM	No itinerary selected
H31B-0999. Integrating Landsat7 ETM+ and MODIS Products for Improved Spatial and Temporal Evapotranspiration Estimates . J. Kim ; T. S. Hogue View Pres.	Wed, Dec 15 8:00 AM	No itinerary selected
H31B-0984. Reflectance-Based Estimation of Soil Heat Fluxes in the Texas High Plains. P. H. Gowda ; P. D. Colaizzi ; S. O'Shaughnessy ; W. Ha ; T. A. Howell View Pres.	Wed, Dec 15 8:00 AM	No itinerary selected
H31B-0991. The Effect of Groundwater Availability and Quality on Water Consumption of Tamarisk . S. Taghvaeian ; C. M. Neale ; J. Osterberg ; C. A. Costa dos Santos ; D. R. Watts ; S. I. Sriharan View Pres.	Wed, Dec 15 8:00 AM	No itinerary selected

Session Title: H31H. Understanding and Predicting Water and Energy Cycle Changes Using Multisensor Heterogeneous Data for Energy and Water Cycle Research I Posters

Session Type: Poster

Convener 3: Jared Keith Entin

Convener 6: Michael G Bosilovich

Convener 2: Douglas Cripe

Convener 5: William L Teng

Convener 4: Kathleen S Fontaine

Convener 1: Deborah R Belvedere

Convener 1: Steven J Kempler

Convener 2: Paul Houser

Location: Poster Hall (Moscone South)

Start time: Wed, Dec 15 - 8:00 AM

H31H-1110. Impacts of Land Use and Land Cover Changes on Green and Blue Water Availability in a Karst Area of China. Z. Wen ; S. Yang View Pres.	Wed, Dec 15 8:00 AM	No itinerary selected
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Session Title: H31K. Remote Sensing of Hydrology and Its Applications II

Session Type: Oral

Convener 2: Dongryeol Ryu

Convener 3: Alok Kumar Sahoo

Convener 4: John D Bolten

Convener 1: Michael H Cosh

Location: 3016 (Moscone West)

Start time: Wed, Dec 15 - 8:00 AM

H31K-08. Restricted use of ET as an indicator of soil moisture: Limitation of Observation Scale or Process Scale? . N. Gaur ; B. P. Mohanty View Pres.	Wed, Dec 15 9:45 AM	No itinerary selected
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Session Title: H33A. Applying River and Watershed Research to Facilitate Management and Guide Policy II Posters

Session Type: Poster

Convener 4: Jon A Yeakley

Convener 1: Adelaide C Johnson

Convener 2: Phil Jordan

Convener 3: Lee H MacDonald

Convener 1: Sim M Reaney

Location: Poster Hall (Moscone South)

Start time: Wed, Dec 15 - 1:40 PM

H33A-1120. Water Balance Change in Xia Ying River Basin, Qinghai Province, China. L. Cuo ; B. Zhou ; J. Li View Pres.	Wed, Dec 15 1:40 PM	No itinerary selected
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Session Title: H33K. Remote Sensing of Hydrology and Its Applications III

Session Type: Oral

Convener 2: Dongryeol Ryu

Convener 3: Alok Kumar Sahoo

Convener 4: John D Bolten

Convener 1: Michael H Cosh

Location: 3016 (Moscone West)

Start time: Wed, Dec 15 - 1:40 PM

H33K-04. Historical Reconstruction of Regime Shifts in Amazon Oxbow Lakes – A Remote Sensing Approach. A. U. Belcon ; P. A. Baker ; S. C. Fritz ; L. Davenport ; J. W. Terborgh View Pres.	Wed, Dec 15 2:25 PM	No itinerary selected
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Session Title: H34C. Remote Sensing of Hydrology and Its Applications IV

Session Type: Oral

Convener 1: Michael H Cosh

Convener 3: Alok Kumar Sahoo

Convener 4: John D Bolten

Location: 3016 (Moscone West)

Start time: Wed, Dec 15 - 4:00 PM

H34C-07. Constraints on the Hydrologic Settings and Recharge of the Freshwater Lenses in Kuwait. A. Milewski ; M. Sultan ; A. Al-Dousari View Pres.	Wed, Dec 15 5:30 PM	No itinerary selected
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Session Title: H41B. Ecohydrology of Arctic and Sub-Arctic Ecosystems: Patterns and Processes Across Spatial and Temporal Scales I
Posters

Session Type: Poster

Convener 3: Jeffrey M Welker

Convener 1: Jessica Cable

Convener 4: Torre Jorgenson

Convener 2: Anna K Liljedahl

Location: Poster Hall (Moscone South)

Start time: Thu, Dec 16 - 8:00 AM

H41B-1090. Quantification of interannual and inter-seasonal variability of lake areas within discontinuous permafrost of the Yukon Flats, Alaska. G. Altmann ; J. C. Rowland ; C. J. Wilson ; D. Verbyla ; L. Charsley-Groffman View Pres.	Thu, Dec 16 8:00 AM	No itinerary selected
H41B-1077. Surface water extent trends in interior Alaska (1979-2009). J. A. Rover ; L. Ji ; B. K. Wylie ; L. L. Tieszen View Pres.	Thu, Dec 16 8:00 AM	No itinerary selected

Session Title: H41C. Endorheic Lakes and Water Resources in Arid and Semiarid Regions Posters

Session Type: Poster

Convener 2: Xi Chen

Convener 1: Yongwei Sheng

Location: Poster Hall (Moscone South)

Start time: Thu, Dec 16 - 8:00 AM

H41C-1095. Lake Dynamics in Arid and Semi-Arid Regions of Central Asia and Their Responses to Climate Changes. J. Li ; Y. Sheng ; X. Chen View Pres.	Thu, Dec 16 8:00 AM	No itinerary selected
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Session Title: H41K. Remote Sensing of Rivers I

Session Type: Oral

Convener 4: Carl J
Legleiter

Convener 3: Patrice
Carbonneau

Convener 1: Mark A
Fonstad

Convener 2: Tamlin M
Pavelsky

Location: 3014
(Moscone West)
Start time: Thu, Dec 16
- 8:00 AM

H41K-03. Dynamic Channel Network Extraction from Satellite Imagery of the Jamuna River. <i>E. A. Addink; W. A. Marra; M. G. Kleinhans</i> View Pres.	Thu, Dec 16 8:45 AM	No itinerary selected
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Session Title: H42B. Remote Sensing of Rivers II
Session Type: Oral
Convener 4: Carl J Legleiter
Convener 1: Patrice Carbonneau
Convener 2: Mark A Fonstad
Convener 3: Tamlin M Pavelsky
Location: 3014
(Moscone West)
Start time: Thu, Dec 16
- 10:20 AM

H42B-01. Multi-scale classification of riverine floodplain physical habitats for estimating potential salmon production. <i>D. Whited; J. S. Kimball; T. Bansak; D. DeWire; M. S. Lorang; B. Ellis; J. Stanford</i> View Pres.	Thu, Dec 16 10:20 AM	No itinerary selected
H42B-06. Application of Satellite Based Imagery and Altimetry to Estimation of River Hydraulics and Remote Estimation of River Discharge. <i>D. M. Bjerklie; C. M. Birkett; Y. Li; R. Dubayah; M. A. Hofton</i> View Pres.	Thu, Dec 16 11:35 AM	No itinerary selected

Session Title: IN21C. Uncertainty, Error, and Quality of Observational Data I Posters
Session Type: Poster
Convener 1: Robert G Raskin
Convener 2: Amy J Braverman
Convener 3: Stephan R Sain
Location: Poster Hall (Moscone South)
Start time: Tue, Dec 14 - 8:00 AM

IN21C-1344. Ground-based vicarious radiometric calibration of Landsat 7 ETM+ and Terra MODIS using an automated test site. <i>J. Czajka-Myers; N. Leisso</i> View Pres.	Tue, Dec 14 8:00 AM	No itinerary selected
IN21C-1343. Increasing the Accuracy of MODIS Snow Product using Quantitative Restoration for MODIS Band 6 on Aqua. <i>G. Bonev; I. Gladkova; M. Grossberg</i> View Pres.	Tue, Dec 14 8:00 AM	No itinerary selected

Session Title: IN31A. Current Capabilities and Future Needs of Near-Real-Time Data: Perspectives From Users and Producers I Posters
Session Type: Poster
Convener 2: Henry M Goodman
Convener 3: Jeffrey T Morissette
Convener 1: Kevin J Murphy
Location: Poster Hall (Moscone South)
Start time: Wed, Dec 15 - 8:00 AM

IN31A-1257. Use of Current 2010 Forest Disturbance Monitoring Products for the Conterminous United States in Aiding a National Forest Threat Early Warning System. <i>J. Spruce; W. W. Hargrove; J. Gasser; J. Smoot; P. Kuper</i> View Pres.	Wed, Dec 15 8:00 AM	No itinerary selected
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Session Title: IN31C. Earth and Space Science Informatics General Contributions I
Session Type: Oral
Convener 1: Peter Arthur Fox
Convener 2: Karen Moe

Location: 302 (Moscone South)
Start time: Wed, Dec 15 - 8:00 AM

IN31C-04. Web-enabled Landsat Data (WELD): Demonstration of MODIS-Landsat Data Fusion to Provide a Consistent, Long-term, Large-area Data Record for the Terrestrial User Community. D. Roy ; J. Ju ; I. Kommadreddy View Pres.	Wed, Dec 15 8:45 AM	No itinerary selected
IN31C-05. Landsat-based monitoring of crop water demand in the San Joaquin Valley. L. Johnson ; T. Trout ; D. Wang ; F. S. Melton View Pres.	Wed, Dec 15 9:00 AM	No itinerary selected

Session Title: IN33A. GIScience II Posters
Session Type: Poster
Convener 1: Peter Arthur Fox
Convener 3: Benjamin Dewayne Branch
Location: Poster Hall (Moscone South)
Start time: Wed, Dec 15 - 1:40 PM

IN33A-1297. Spatiotemporal analysis of Quaternary normal faults in the Northern Rocky Mountains, USA. A. Davarpanah ; H. A. Babaie ; P. Reed View Pres.	Wed, Dec 15 1:40 PM	No itinerary selected
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Session Title: NH41A. Wildfires on Landscapes: Theory, Models, and Management III Posters
Session Type: Poster
Convener 1: Donald McKenzie
Convener 3: Robert E Keane
Location: Poster Hall (Moscone South)
Start time: Thu, Dec 16 - 8:00 AM

NH41A-1486. Climatic and topographical influences on fire regime attributes in the northern Cascade Range, Washington, USA. C. Cansler ; D. McKenzie View Pres.	Thu, Dec 16 8:00 AM	No itinerary selected
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Session Title: OS12A. Decision Support Systems for Coastal and Marine Resource Management I
Session Type: Oral
Convener 2: C. Mark Eakin
Convener 4: Mitchell A Roffer
Convener 2: Liane S Guild
Convener 1: Frank E Muller-Karger
Location: 3009 (Moscone West)
Start time: Mon, Dec 13 - 10:20 AM

OS12A-05. A Decision Support System for Ecosystem-Based Management of Tropical Coral Reef Environments. F. E. Muller-Karger ; C. Eakin ; L. S. Guild ; R. R. Nemani ; C. Hu ; S. E. Lynds ; J. Li ; M. Vega-Rodriguez View Pres.	Mon, Dec 13 11:20 AM	No itinerary selected
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Session Title: OS31C. Tidal Flats: Hydrodynamics and Sedimentary Processes I Posters
Session Type: Poster
Convener 2: James M Thomson
Convener 1: David K Ralston
Location: Poster Hall (Moscone South)
Start time: Wed, Dec 15 - 8:00 AM

OS31C-1439. Modeling Sediment Deposition for Predicting Marsh Habitat Development. M. E. Newcomer ; A. M. Kuss ; T. Ketron ; A. Remar ; V. Choski ; K. Grove ; J. W. Skiles View Pres.	Wed, Dec 15 8:00 AM	No itinerary selected
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Session Title: OS33G. Estuarine Sediment Dynamics and Fate of Particles, Contaminants, and Carbon at the Land-Ocean Interface II
Session Type: Oral
Convener 2: Cindy M Palinkas
Convener 1: Jun Zhu
Location: 3009 (Moscone West)
Start time: Wed, Dec 15 - 1:40 PM

OS33G-08. SANDS - Sediment Analysis Network for Decision Support . D. M. Hardin ; L. Hawkins ; M. He ; S. Ebersole View Pres.	Wed, Dec 15 3:25 PM	No itinerary selected
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Session Title: P13B. Planetary Environments and Life: What Do We Know? How Can We Learn From Analogs? III Posters
Session Type: Poster
Convener 1: Max L Coleman
Location: Poster Hall (Moscone South)
Start time: Mon, Dec 13 - 1:40 PM

P13B-1376. Orbital and Ground-Truth Spectral Matching on the Upper Slopes of Kilimanjaro with Application to Martian Orbital Observations. U. N. Horodyskyj View Pres.	Mon, Dec 13 1:40 PM	No itinerary selected
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Session Title: PA21C. Priorities and Pitfalls: Pathways for Effective Science Communication I Posters
Session Type: Poster
Convener 2: Marina L La Grave
Convener 1: Randall M Richardson
Convener 4: Jennifer W Harden
Location: Poster Hall (Moscone South)
Start time: Tue, Dec 14 - 8:00 AM

PA21C-1644. Landsat as a Political Entity: Meaningful Communication for a National Asset. L. E. Rocchio View Pres.	Tue, Dec 14 8:00 AM	No itinerary selected
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Session Title: T21D. The Cenozoic West Antarctic Rift System (WARS): Observations, Interpretations, Models, and Implications II Posters
Session Type: Poster
Convener 3: Roi Granot
Convener 2: Bruce P Luyendyk
Convener 4: Frederick J Davey
Convener 1: Stuart A Henrys
Location: Poster Hall (Moscone South)
Start time: Tue, Dec 14 - 8:00 AM

T21D-2199. Differential Movement across Byrd Glacier, Transantarctic Mountains, Antarctica: A combined (U-Th)/He and DEM Analysis. D. J. Foley ; E. Stump ; M. C. Van Soest ; K. X. Whipple ; K. Hodges View Pres.	Tue, Dec 14 8:00 AM	No itinerary selected
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Session Title: T24C. Structure, Dynamics, and Evolution of the African-Arabian Rift Systems II
Session Type: Oral
Convener 2: Ian David Bastow
Convener 1: Derek Keir
Convener 3: Christel Tiberi
Convener 4: Cecile Doubre
Location: 2016 (Moscone West)
Start time: Tue, Dec 14 - 4:00 PM

T24C-01. Volcanic architecture of the Afar Rift. C. Vye ; K. Smith ; L. Bateson ; C. Jordan View Pres.	Tue, Dec 14 4:00 PM	No itinerary selected
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Session Title: T53B. Characterization of the 4 April 2010 El Mayor-Cucapah Earthquake and Implications for Earthquake Preparedness in Southern California and Baja California II Posters
Session Type: Poster
Convener 2: John Mackrain Fletcher

Convener 5: Andrew Jacob Barbour
Convener 6: Brendan W Crowell
Convener 3: Ramon Arrowsmith
Convener 4: Eric J Fielding
Convener 1: Jose Javier Gonzalez-Garcia
Location: Poster Hall (Moscone South)
Start time: Fri, Dec 17 - 1:40 PM

T53B-2136. Effects of the El Mayor Cucapah April 4, 2010 earthquake and water management decisions on the Colorado River Delta tidal inundation patterns: implications for shorebirds habitat availability. . M. Gomez-Sapiens ; K. W. Flessa ; E. P. Glenn ; S. M. Nelson View Pres.	Fri, Dec 17 1:40 PM	No itinerary selected
T53B-2117. Seismotectonics of the 2010 El Mayor Cucapah - Indiviso Earthquake and its Relation to Seismic Hazard in Southern California.. J. J. Gonzalez-Garcia ; A. Gonzalez Ortega ; Y. Bock ; Y. Fialko ; E. J. Fielding ; J. M. Fletcher ; J. E. Galetzka ; K. W. Hudnut ; L. Munguia ; S. M. Nelson ; T. K. Rockwell ; D. T. Sandwell ; J. Stock View Pres.	Fri, Dec 17 1:40 PM	No itinerary selected

Session Title: V13B. Innovative Geothermal Exploration Methods I Posters
Session Type: Poster
Convener 2: Brigette Martini
Convener 1: Daniel F Stockli
Location: Poster Hall (Moscone South)
Start time: Mon, Dec 13 - 1:40 PM

V13B-2350. Geothermal Exploration in Pilgrim, Alaska: First Results From Remote Sensing Studies. A. Prakash ; M. Nolan ; K. Schaefer ; C. Haselwimmer ; G. Holdmann View Pres.	Mon, Dec 13 1:40 PM	No itinerary selected
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Session Title: V23B. VGP General Contributions II Posters
Session Type: Poster
Convener 2: Matthew J Kohn
Convener 1: Anita Grunder
Location: Poster Hall (Moscone South)
Start time: Tue, Dec 14 - 1:40 PM

V23B-2434. Marapi an active West-Central Sumatra Volcano: a geological and petrological study. . M. del Marmol ; A. Budianto ; J. Fournelle ; P. Jacobs ; M. A. Elburg View Pres.	Tue, Dec 14 1:40 PM	No itinerary selected
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Session Title: V44C. Looking Backward and Forward: Volcanology in 2010 and 2020 III
Session Type: Oral
Convener 2: John C Eichelberger
Convener 1: Jonathan H Fink
Location: 2020 (Moscone West)
Start time: Thu, Dec 16 - 4:00 PM

V44C-07. Collection and Dissemination of Volcanic Hazard Information for Emergency Managers. P. J. Mouginis-Mark ; K. A. Horton ; H. Garbeit View Pres.	Thu, Dec 16 5:30 PM	No itinerary selected
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