

AGU ON-DEMAND

Anytime Access to the 2015 Fall Meeting

Your access to the breakthrough research being presented at the 2015 AGU Fall Meeting—live-streamed and on-demand viewing—whenever you are ready to watch them!

New in 2015! The AGU On-Demand sessions have been organized into channels to help live-stream audience members plan their viewing, and on-demand viewers browse content by topic.

AGU On-Demand Channels:

- Climate
- Earth Discovery
- Extreme Events & Hazards
- Natural Resources
- Planetary Discovery
- Science & Society
- Union

The channels with their sessions by day are displayed on the following pages.

Visit AGUOnDemand.agu.org to register and plan to begin viewing on **14 December**—maybe you can be in two places at once during the Fall Meeting!





CLIMATE

Monday, 14 December

GC12B Second State of the Carbon Cycle Report (2016): A Special Scientific Assessment of Current Status and Opportunities I

10:20 A.M.–12:20 P.M.

A13H Bjerknes Lecture

1:40 P.M.–2:35 P.M.

A13I Charney Lecture

2:40 P.M.–3:40 P.M.

Tuesday, 15 December

GC21D Detecting and Attributing Impacts of Climate Change I

8:00 A.M.–10:00 A.M.

GC22D Research Results from the Multiseason, Multiyear Western U.S. NASA Remote Measurement Science Campaign I

10:20 A.M.–12:20 P.M.

GC23N Tyndall History of Global Environmental Change Lecture

2:40 P.M.–3:40 P.M.

Wednesday, 16 December

T32A Birch Lecture

10:20 A.M.–11:20 A.M.

NG33B Lorenz Lecture

1:40 P.M.–2:40 P.M.

A330 Extratropical and High-Latitude Storms, Teleconnections, Extreme Weather, and the Changing Polar Climate I

1:40 P.M.–3:40 P.M.



EARTH DISCOVERY

Monday, 14 December

**PP11E Sea Levels and Ice Sheets during Past Warm Periods:
Looking to the Past to Understand the Future I**
8:00 A.M.–10:00 A.M.

**SM13F Fifty Years of Space Weather Forecasting:
Highlighting the Science, Behind the Societal Relevance I**
1:40 P.M.–3:40 P.M.

Tuesday, 15 December

**C21D Dust, Black Carbon, and Other Aerosols in the
Cryosphere II**
8:00 A.M.–10:00 A.M.

H22A Walter B. Langbein Lecture
10:20 A.M.–12:20 P.M.

Wednesday, 16 December

A31G Atmospheric Sciences New Fellows Lectures I
8:00 A.M.–10:00 A.M.

A32B Atmospheric Sciences New Fellows Lectures II
10:20 A.M.–12:20 P.M.

OS33B Rachel Carson Lecture
1:40 P.M.–2:40 P.M.

AE33D Franklin Lecture
2:40 P.M.–3:40 P.M.

Thursday, 17 December

**C43E Hydrology of Glaciers, Ice Caps, and Ice Sheets
in Past, Present, and Future Climates III**
1:40 P.M.–3:40 P.M.

EP44A Sharp Lecture
4:00 P.M.–6:00 P.M.



EXTREME EVENTS & HAZARDS

Monday, 14 December

H11P Hydroclimatic Extremes: Drought I

8:00 A.M.–10:00 A.M.

H12F Hydroclimatic Extremes: Drought II

10:20 A.M.–12:20 P.M.

T13F New Insights into the Active Deformation, Tectonic Evolution, and Hazard Mitigation of the Caribbean Plate and South America II

1:40 P.M.–3:40 P.M.

A14E Understanding and Attributing Extreme Weather Events and Their Impacts across Actors and Spatial Scales I (Half Session)

4:00 P.M.–4:55 P.M.

A14G Understanding and Attributing Extreme Weather Events and Their Impacts across Actors and Spatial Scales II (Half Session)

5:00 P.M.–6:00 P.M.

Tuesday, 15 December

NH21F White Lecture. Natural Hazard Science: Building the Community through Integrated Research and Practice

9:00 A.M.–10:00 A.M.

V22A Norman L. Bowen Award Lecture

10:20 A.M.–11:20 A.M.

GC23M Schneider Lecture

1:40 P.M.–2:40 P.M.

S23E Gutenberg Lecture

1:40 P.M.–2:40 P.M.

C23D Nye Lecture

2:40 P.M.–3:40 P.M.

G24B Bowie Lecture

5:00 P.M.–6:00 P.M.

Thursday, 17 December

V42A Daly Lecture

10:20 A.M.–11:20 AM.

T43G Scientific Advances from Subduction Zone Observatories II

1:40 P.M.–3:40 P.M.



NATURAL RESOURCES

Monday, 14 December

OS11C The Asahiko Taira International Scientific Ocean Drilling Research Prize (The Taira Prize)

9:00 A.M.–10:00 A.M.

NG12A Fracking/Hydraulic Fracturing: Scaling, Applications, Processes, Models, and Natural Examples—Statistical Geodynamics I

10:20 A.M.–12:20 P.M.

Tuesday, 15 December

GP24B Bullard Lecture

5:00 P.M.–6:00 P.M.

Wednesday, 16 December

GC31H Global and Regional Water-Food-Energy Security under Changing Environments I

8:00 A.M.–10:00 A.M.

H330 Water Resources Management and Policy in a Changing World I

1:40 P.M.–3:40 P.M.

H34C Environmental Impacts of Hydraulic Fracturing: Processes, Monitoring, Stewardship, and Solutions II

4:00 P.M.–6:00 P.M.



PLANETARY DISCOVERY

Monday, 14 December

B11M Reeburgh Lecture

8:00 A.M.–9:00 A.M.

P12A Results from the MAVEN Mission to Mars I

10:20 A.M.–12:20 P.M.

P14A Shoemaker Lecture

4:00 P.M.–5:00 P.M.

P14B Whipple Lecture

5:00 P.M.–6:00 P.M.

A14G Understanding and Attributing Extreme Weather Events and Their Impacts across Actors and Spatial Scales II (Half Session)

5:00 P.M.–6:00 P.M.

Wednesday, 16 December

31F Carbon on Mars I

8:00 A.M.–10:00 A.M.

P32A Sagan Lecture

10:20 A.M.–11:20 P.M.

PP32A Emiliani Lecture

11:20 A.M.–12:20 P.M.

P33E The Rosetta Mission: Postperihelion II

1:40 P.M.–3:40 P.M.

SH34A The 2015 Parker Lecture

4:00 P.M.–5:00 P.M.

U34A Are We Ready to Observe the Next Large Volcanic Eruption?

4:00 P.M.–6:00 P.M.

SM34A Van Allen Lecture

5:00 P.M.–6:00 P.M.

Thursday, 17 December

P41E Exploring the Kuiper Belt: New Horizons Reaches the Pluto System I

8:00 A.M.–10:00 A.M.



SCIENCE & SOCIETY

Sunday, 13 December

Public Lecture: Ice Cores to Smart Phones: The Good News on Energy, the Environment, and Our Future
12:00 P.M.–1:00 P.M.

Monday, 14 December

GC14A Adapting to Rates of Climate Change: Natural and Human Dimensions I
4:00 P.M.–6:00 P.M.

TH15B Discovering Data in the Earth and Space Sciences—Connecting Researchers, Repositories, and Publishers
6:15 P.M.–7:15 P.M.

Tuesday, 15 December

B21M The Global Carbon Cycle: Recent History, Future Projections, and Policy Relevance I
8:00 A.M.–10:00 A.M.

ED23F Climate Literacy: Research and Evaluation at the Intersection of Barriers, Science Literacy, and Misconceptions I
1:40 P.M.–3:40 P.M.

IN23F Leptoukh Lecture
2:40 P.M.–3:40 P.M.

Wednesday, 16 December

TH33K Forward Focused Ethics – What is the Role of Scientific Societies in Responding to Harassment and Other Workplace Climate Issues?
12:30 P.M.–1:30 P.M.

Thursday, 17 December

PA41D Volcanic Hazards: Translating Research and Monitoring into Improved Communication, Preparedness, and Response I
8:00 A.M.–10:00 A.M.

PA42A Climate Adaptation, Mitigation, and Resiliency Toolkits for Cities I
10:20 A.M.–12:20 P.M.

GC43H The Role of Fire in the Earth System: Understanding Drivers, Feedbacks, and Interactions with the Land, Atmosphere, and Society III
1:40 P.M.–3:40 P.M.

A44E Wildfire in a Changing World: Interactions with Climate and Ecosystems I
4:00 P.M.–6:00 P.M.



UNION

Monday, 14 December

U11A AGU-EGU Great Debate on “Cities Adaptation and Mitigation to Climate Change

8:00 A.M.–10:00 A.M.

U13B Special General Session: XPRIZE Announcement

12:30 P.M.–1:30 P.M.

U12A What’s the Big Deal about the Anthropocene?

10:20 A.M.–12:20 P.M.

U13A Reticent Researchers! Are We Failing Humanity?

1:40 P.M.–3:40 P.M.

U14A Climate Literacy: Enabling Effective Climate Literacy through Collective Impact

4:00 P.M.–6:00 P.M.

Tuesday, 15 December

U21A AGU-EGU Great Debate on “Sustainable Development of the Arctic”

8:00 A.M.–10:00 A.M.

U21B Presidential Forum

10:00 A.M.–1:00 P.M.

U22A Nowhere to Hide: The Explosion of Geodesy and Its Ongoing Transformation of the Earth Sciences

10:20 A.M.–12:20 P.M.

U23B Union Agency Lecture

12:30 P.M.–1:30 P.M.

U23A Going, Going, Gone: Future Proofing the Twentieth Century Record of Our Science

1:40 P.M.–3:40 P.M.

Wednesday, 16 December

U31A New Generation of Scientists

8:00 A.M.–10:00 A.M.

U32A Soils in a Changing World: The NEXUS of Climate, Water, Ecosystems, and Food Systems

10:20 A.M.–12:20 P.M.

U33A The 25 April 2015 M7.8 Gorkha, Nepal, Earthquake Sequence: Lessons Learned

1:40 P.M.–3:40 P.M.

Thursday, 17 December

U41A When and How Did Plate Tectonics Begin, What Came Before, and Why Is This Controversy Important for Understanding the Earth?

8:00 A.M.–10:00 A.M.

U42A Mountains without Permanent Snow and Ice: Current Impacts and Implications for the Future of Mountain Environments and Areas Downstream

10:20 A.M.–12:20 P.M.

U43B Frontiers of Geophysics Lecture

12:30 P.M.–1:30 P.M.

U43A COP21/CMP11: What’s Next?

1:40 P.M.–3:40 P.M.

U44A Is Peak Oil Dead and What Does It Mean for Climate Change?

4:00 P.M.–6:00 P.M.

Friday, 18 December

U51A Innovative Community Software Schemes for the Geosciences: Models, Scripts, GIS Data Systems, Workflows, Collaboration Tools, and More...

8:00 A.M.–10:00 A.M.

U52A The Concept and Conduct of Decadal Surveys and Strategies for Developing Research Priorities

10:20 A.M.–12:20 P.M.

U53A New Horizons at Pluto-Charon: Results from the First Months of Data Return

1:40 P.M.–3:40 P.M.