



Arctic Matters

JANUARY 14, 2016

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| 9:00 AM | Welcome | Ralph Cicerone , National Academy of Sciences Fran Ulmer , U.S. Arctic Research Commission |
| 9:20 AM | Coastal concerns: How will melting polar ice affect global sea level rise? | Richard Alley Pennsylvania State University |
| 9:40 AM | Crazy weather and a melting Arctic: Are they connected? | Jennifer Francis Rutgers University |
| 10:00 AM | Panel discussion <ul style="list-style-type: none"> ▪ Drivers and impacts of extreme weather events across the U.S., Deke Arndt, NOAA Climate Data Center ▪ Public perception & communication issues, Chris Mooney, Washington Post | |
| 10:40 AM | <i>Interlude: Arctic sights & sounds</i> | |
| 10:50 AM | The new Arctic Ocean: What are the national security implications of the shrinking polar ice cap? | Jonathan White U.S. Navy (ret.) |
| 11:10 AM | Panel discussion <ul style="list-style-type: none"> ▪ Growing Arctic-region ship traffic, Alyson Azzara, Committee on Marine Transportation Systems ▪ Tourism in the Arctic region, Sven Lindblad, National Geographic ▪ Physical & chemical oceanic changes, Scott Doney, Woods Hole Oceanographic Institute | |
| 12:00 PM | <i>Lunch, exhibits & displays in the Great Hall</i> | |
| 1:30 PM | Additional remarks, TBD | |
| 1:40 PM | Amplifying forces: How may permafrost carbon affect the trajectory of climate change? | Max Holmes Woods Hole Research Center |
| 2:00 PM | Wildlife: How can Arctic warming affect global ecological dynamics? | Natalie Boelman Columbia University |
| 2:20 PM | <i>Interlude: Arctic sights & sounds</i> | |
| 2:30 PM | Renewable energies: Can the Arctic be a new frontier for sustainable development? | Gwen Holdmann Alaska Center for Energy & Power |
| 2:50 PM | Panel discussion <ul style="list-style-type: none"> ▪ Is there a place for oil & gas development in a sustainable future?, James Kendall, BOEM ▪ Sustainable Alaskan fisheries, Anne Hallowed, NOAA ▪ Native Alaskan perspectives on sustainable ecosystem management, TBD | |
| 3:45 PM | Closing remarks | U.S. Congress, State Department representatives, TBD |
| 4:00 PM | <i>Reception, exhibits & displays in the Great Hall</i> | |

