

International Conference on Arctic Science: Bringing Knowledge to Action

April 24-27, 2017 Reston, Virginia, USA



SECOND CALL FOR PARTICIPATION

Conference Objective

The 2017 International Conference on Arctic Science: Bringing Knowledge to Action will: Bring together diverse expert communities ranging from scientists to decision-makers in order to identify, explore and create mechanisms and venues where science and knowledge can inform the development of policies and decision-making.

The Conference will provide a venue for dialogue, discussions and networking. It will creatively promote timely and effective response to the increasingly clear need to translate science to knowledge and the subsequent transformation of this and other forms of knowledge into actions. It is these actions that support and enhance all forms of decision-making and public policy at all relevant scales providing the foundation for successful adaptation and ultimately sustainability of natural and human resources.

The Conference builds off a wide range of existing work in the Arctic in addition to numerous new scientific reports including:

1. Adaptation Actions for a Changing Arctic (AACAA)
2. Snow, Water, Ice and Permafrost in the Arctic (SWIPA)
3. Contaminants of Emerging Arctic Concern (CEAC)
4. Economy of the North 2015 (ECONOR)
5. State of the Arctic Marine Biodiversity Assessment Report (SAMBR)

Registration

If you are interested in participating, please send an e-mail to the AMAP Secretariat at 2017Conference@amap.no for registration. This will ensure that you receive further information about the Conference as it becomes available. Some financial support will be available to assist participation of young scientists in the Conference.

Deadline for abstracts is December 1, 2016. Selection of oral and poster presentations will take place and speakers and presenters will be informed by January 10, 2017.

[Register](#)



AGENDA AT A GLANCE

Conference Structure

The Conference follows the science to decision-making process; a dynamic and iterative process of bringing science into a form of knowledge, and knowledge into actions that better informs all types of decision-making.

The Conference will be structured in such a way as to bring the participants through the progression from science, to knowledge, and finally to action (decision-making). The following agenda is therefore designed to facilitate this process, and to bring to the forefront the methods, mechanisms and processes that allow for this science, knowledge, action progression, as well as the inherent challenges, obstacles and other issues that may stand in its way.

The organizers of this Conference hope to utilize plenary, breakout and poster-based sessions to simulate the science, knowledge, action experience and thus allow participants the opportunity to identify, discuss, develop and enhance the various elements of the science to stakeholder interaction. Some of the plenary and breakout sessions will include panel discussions in order to facilitate the subsequent discussions about key topics associated with the science to decision-making process, while others will be limited to presentations only.

Additionally, we hope that participants will use the panel discussions to identify, discuss and develop constructive means and methods for addressing and eliminating the various obstacles and barriers to achieving a successful science to decision-making process as well.

Day 1

Keynote presentations by speakers showcasing key scientific findings from themes addressed in recent Arctic Council Working Group activities:

PLENARY
Climate Impacts on Arctic Environments and Ecosystems: Global Feedbacks, Arctic Cryosphere Change, Implications for Biodiversity; Ocean Acidification, Sea-Level Rise

Arctic Pollution Issues: Contaminants and Radioactivity Temporal Trends and Effects; Chemicals of Emerging Concern

The Consequences of Climate Change, Pollution and Vector Borne Diseases on Food Security and Human Health

Socio-Economic Implications of a Changing Arctic: Adaptation Actions, Energy Supply, Resilience, Indigenous and Local Perspectives

What does The Paris Agreement (COP-21) mean for the Arctic?

Day 2

Oral and Poster Presentations of Selected Abstracts in Regionally-focused Parallel Sessions following a Science-Knowledge-Action theme to Enable Multi-disciplinary Interaction. Concluding with Panel Discussions.

SESSIONS	DESCRIPTION AND BREAKOUTS (RIGHT)	(Separate break-outs per sessions identified below)		
		EASTERN SIBERIA TO BEAUFORT SEA ¹	CANADIAN ARCTIC ARCHIPELAGO AND GREENLAND ²	ICELAND TO BARENTS ³
1. Science	Presentations ⁴ of results of scientific monitoring and research that underpins our understanding of Arctic climate, pollution, biodiversity, global interactions, health, etc.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2. Interactive Oral Poster Presentation	Three minute oral presentations per digital representation of poster. All posters will remain available throughout Conference.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3. Knowledge	Presentations ⁴ of what we know, on the basis of scientific studies, traditional/local knowledge or other sources of information about Arctic change, its causes and future projections, and how this knowledge can help inform policy.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4. Action	Presentations ⁴ of examples action undertaken based on information available to date, decision-support mechanisms and knowledge needed to support future decision-making.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
5. Panel Discussions	Panel discussions on bridging the Science-Knowledge-Action continuum at local, regional and global scales.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

¹ Including Adaptation Actions for a Changing Arctic (AACAA) Bering-Chukchi-Beaufort (BCB).

² Including AACAA Baffin Bay-Davis Strait (BBDS).

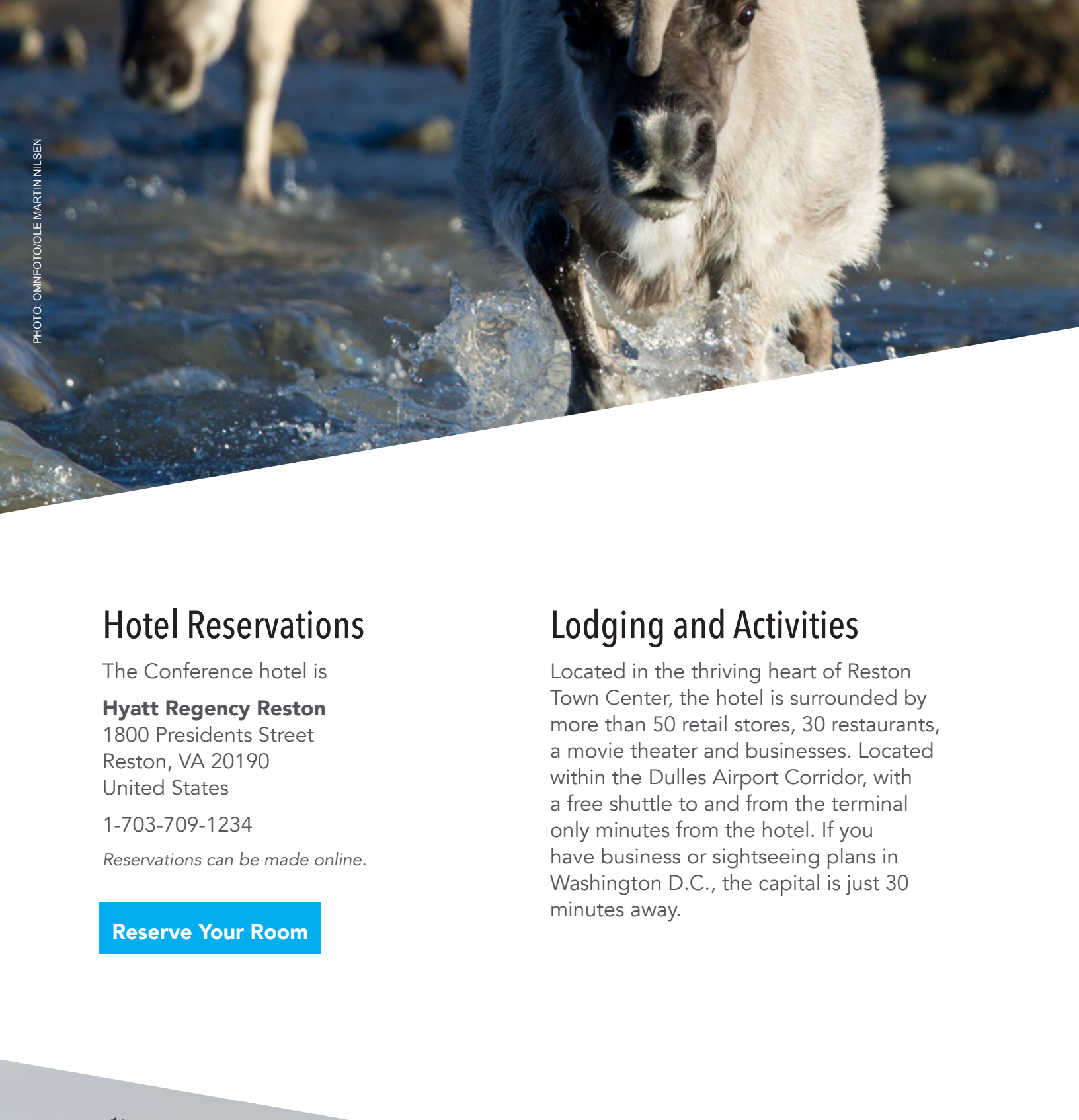
³ Including AACAA Barents (BAR).

⁴ Presentations can have a regional-focus or be more general in nature.

Day 3

How to Make Communication of Science-based Information to Policy-Makers More Effective. Parallel Sessions Addressing Stakeholder Perspectives for improving provision of scientific input to policy-decision making, at local, regional and global scales.

SESSIONS	DESCRIPTION AND BREAKOUTS (RIGHT)	(Separate break-outs per sessions identified below)	
		LOCAL/REGIONAL	GLOBAL
1. Science	Science to input to local/regional decision-making and global processes.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2. Stakeholder Engagement	How to better engage stakeholders in provision of policy-relevant Arctic science information: industry, national government, local government, community, non-Arctic country perspectives.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3. Extreme Events and Natural Hazards	Understanding and Managing Extreme Events and Natural Hazards in the Arctic.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4. Implementing Action	What are the experiences to date in providing Arctic policy-relevant science information how can this be improved: Science and Policy-making Successes, Challenges and Future Needs.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
5. Education and Outreach	How can education and outreach initiatives be used to communicate more effectively with stakeholders.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Conference Conclusion	Conference wrap-up.		



Hotel Reservations

The Conference hotel is

Hyatt Regency Reston
1800 Presidents Street
Reston, VA 20190
United States

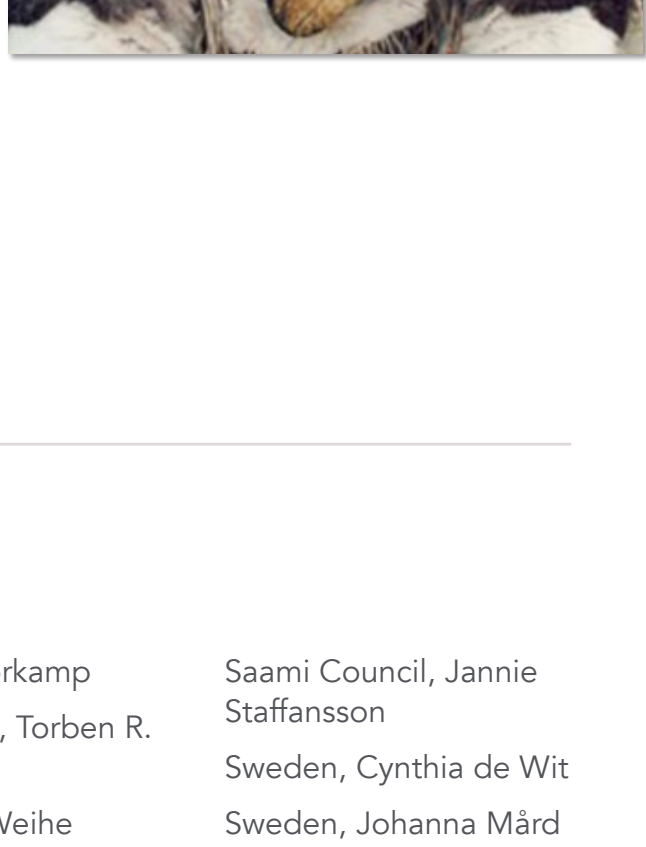
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Reservations can be made online.

[Reserve Your Room](#)

Lodging and Activities

Located in the thriving heart of Reston Town Center, the hotel is surrounded by more than 50 retail stores, 30 restaurants, a movie theater and businesses. Located within the Dulles Airport Corridor, with a free shuttle to and from the terminal only minutes from the hotel. If you have business or sightseeing plans in Washington D.C., the capital is just 30 minutes away.



Conference Organizing Committee

- Lars-Otto Reiersen, AMAP
- Martin Forsius, Finnish Environment Institute
- Tom Barry, CAFF
- Samantha Armstrong, AACAA Chair
- Samantha Brooks, Madison River Group
- Jeremy Mathis, NOAA
- Simon Wilson, AMAP
- Michael Kuperberg, USGCRP
- Kirsi Latola, UArctic

[Send Questions](#)

The Scientific Committee

- | | | |
|----------------------------------|---|-----------------------------------|
| Canada, David Barber | Denmark, Katrin Vorkamp | Saami Council, Jannie Staffansson |
| Canada, Ross D. Brown | Denmark / Sweden, Torben R. Christensen | Sweden, Cynthia de Wit |
| Canada, Shawn Donaldson | Faroe Islands, Pál Weihe | Sweden, Johanna Mård |
| Canada, Mickaël Lemay | Finland, Monica Tennberg | USA, Thomas Armstrong |
| Canada, Derek Muir | Greenland, Malene Simon | USA, Larry Mathis |
| Canada, Peter Outridge | Norway, Richard Bellerby | USA, Jeremy Zeman |
| Canada, Terry Prowse | Norway, Sebastian Gerland | USA, Walt Meier |
| Canada, Martin Sharp | Norway, Jon Øyvind Odland | USA, James E. Overland |
| Canada / Denmark, Søren Rysgaard | Norway, William Standing | USA, Vladimir E. Romanovsky |
| Denmark, Jason E. Box | Russia, Vladimir Kattsov | USA, John E. Walsh |
| Denmark, Anders Mosbech | Russia, Alexander Klepikov | UArctic, Kirsi Latola |
| | Russia, Yuri Tsaturov | |

Thank You to Our Supporters

- Arctic Monitoring an Assessment Programme (AMAP)
- Norwegian Radiation Protection Agency (NRPA)
- U.S. Global Change Research Programme (USGCRP)
- Indigenous & Northern Affairs Canada (AANDC)
- Arctic Research Commission (ARC)
- The Royal Norwegian Embassy, Washington D.C.
- The National Academy of Science (NAS)

Organized By

- Arctic Monitoring and Assessment Program (AMAP)
- Conservation of Arctic Flora and Fauna (CAFF)
- Sustainable Development Working Group (SDWG)
- University of the Arctic



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