

Arctic Observing Summit 2018

Day 1: Sunday, 24 June 2018

Davos Plenary Hall, Davos Congress Centre

8:00-9:00 am *Registration & Coffee*

9:00-9:15 am **Welcome and Opening Comments**
Peter Schlosser, Co-Chair, International Study of Arctic Change Science Steering Group / Arizona State University, USA

9:15-9:45 am **Keynote 1:** *To be announced*

9:45-10:15 am **Keynote 2:** *To be announced*

10:15-10:30 am **Presentation:** Arctic Science Ministerial
Andrea Tilche, Head of Unit-Research and Innovation, European Commission, Belgium

10:30-10:45 am **Introduction to AOS 2018:** Themes, and guidelines for process, breakout sessions and participation
Hajo Eicken, International Arctic Research Center, University of Alaska, Fairbanks, USA

10:45-11:15 am *Coffee break*

11:15-12:30 pm **Breakout Sessions and Presentations - Thematic Working Groups**
Concurrent break-out sessions are open to all AOS participants and focus on AOS input from the statements addressing each of the AOS themes (descriptions on the AOS 2018 website). For all breakout sessions, AOS participants can provide input during discussions and are free to move among the concurrent sessions to facilitate cross-fertilization between the WGs.

- Working Group 1: Societal Benefits over the Short, Medium and Long-Term Perspectives (*Flüela*)
- Working Group 2: Implementing and Optimizing a Pan-Arctic Observing System (*Davos*)
- Working Group 3: Sustained Support and Funding Models/Strategies (*Dischma*)
- Working Group 4: Data Management (*Sertig*)
- Working Group 5: Uses of Data and Information Derived from Observing Systems (*Schwarzhorn*)
- Working Group 6: Success Stories (*Wisshorn*)

12:30-1:30 pm *Lunch*

1:30-2:45 pm **Panel:** Observations for predictions: From the sub-seasonal to the climate scale

This panel will explore the types of observations and networks needed to inform and validate predictions over a range of time scales, drawing on specific examples to illustrate how recent advances may be applicable in the Arctic.

*Moderators: Barbara Ryan, Group on Earth Observations, Switzerland
Paolo Ruti, World Meteorological Organization, Switzerland*

2:45-3:30 pm **Keynote 3:** *Trevor Bell, Memorial University of Newfoundland, Canada*

3:30-4:00 pm *Coffee break*

4:00-5:30 pm **Breakout Sessions and Presentations** - Thematic Working Groups

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- Working Group 1: Societal Benefits over the Short, Medium and Long-Term Perspectives (*Flüela*)
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- Working Group 5: Uses of Data and Information Derived from Observing Systems (*Schwarzhorn*)
- Working Group 6: Success Stories (*Wisshorn*)

5:30-7:00 pm **AOS Poster Session 1**

This poster and display session will allow participants and attendees to highlight their work in any area related to observing technologies. There will be an opportunity to mingle with speakers, panelists and other participants.

Day 2: Monday, 25 June 2018

Davos Plenary Hall, Davos Congress Centre

8:00-9:00 am *Registration & Coffee*

9:00-9:30 **Opening Remarks:** *Hajo Eicken, International Arctic Research Center, University of Alaska, Fairbanks, USA*

9:30-10:00 **Keynote 4:** *Molly McCammon, Alaska Ocean Observing System, USA*

10:00-10:45 **Working Group Summaries** (WGs 1 & 2)

Synopsis and highlights from day one discussions based on the statements from each of the six working groups (15 min presentation + 5 min discussion each). Presentations will include overviews by AOS Thematic Working Group Co-leads under each theme. Input from these presentations will contribute to the AOS Thematic Working Group breakout sessions that follow.

10:45-11:15 am *Coffee break*

11:15-12:30 pm **Working Group Summaries** (WGs 3 to 6)

Synopsis and highlights from day one discussions based on the statements from each of the six working groups (15 min presentation + 5 min discussion each). Presentations will include overviews by AOS Thematic Working Group Co-leads under each theme. Input from these presentations will contribute to the AOS Thematic Working Group breakout sessions that follow.

12:30-1:30 pm *Lunch*

1:30-3:00 **Panel:** Perspectives on sustained support and funding strategies

Panelists will address funding models and strategies that enable the development of an integrated plan for Arctic observing activities. Panelist perspectives will be followed by questions and general discussion with the audience.

Moderator: Peter Schlosser, Arizona State University, USA

- *Simon Stephenson, National Science Foundation, USA*
- *Thorsteinn Gunnarsson, The Icelandic Centre for Research/Sustaining Arctic Observing Networks, Iceland*
- *Hanne Sagen, Nansen Environmental and Remote Sensing Center, Norway*
- *Andrea Tilche, Head of Unit-Research and Innovation, European Commission, Belgium*

3:00-3:30 pm **Keynote 5:** *Michael Brubaker, Alaska Native Tribal Health Consortium, USA*

3:30-4:00 pm *Coffee break*

4:00-6:00 pm **Breakout Sessions and Presentations** - Thematic Working Groups

Concurrent break-out sessions are open to all AOS participants and focus on AOS input from the statements addressing each of the AOS themes (descriptions on the AOS 2018 website). WGs have to agree on the major topics they want to relate day 3. On day 2 the sessions should be integral discussion for what they want to bring out. The WG leaders had to work late into the night previously.

- Working Group 1: Societal Benefits over the Short, Medium and Long-Term Perspectives (*Flüela*)
- Working Group 2: Implementing and Optimizing a Pan-Arctic Observing System (*Seehorn*)
- Working Group 3: Sustained Support and Funding Models/Strategies (*Dischma*)
- Working Group 4: Data Management (*Sertig*)
- Working Group 5: Uses of Data and Information Derived from Observing Systems (*Schwarzhorn*)
- Working Group 6: Success Stories (*Wisshorn*)

6:00-7:00 pm **AOS Poster Session 2**

This poster and display session will allow participants and attendees to highlight their work in any area related to polar and observing technologies. There will an opportunity to mingle with speakers, panelists and other participants.

Day 3: Tuesday, 26 June 2018

Davos Plenary Hall, Davos Congress Centre

- 8:00-9:00 am *Registration & Coffee*
- 9:00-9:15 am **Opening Remarks:** *Eva Kruemmel, Inuit Circumpolar Council, Canada*
- 9:15-9:45 am **Keynote 6:** *Finn Danielsen, Nordic Foundation for Development and Ecology, Denmark*
- 9:45-11:00 am Breakout Sessions and Presentations - Thematic Working Groups
- Working Group 1: Societal Benefits over the Short, Medium and Long-Term Perspectives (*Flüela*)
 - Working Group 2: Implementing and Optimizing a Pan-Arctic Observing System (*Seehorn*)
 - Working Group 3: Sustained Support and Funding Models/Strategies (*Dischma*)
 - Working Group 4: Data Management (*Sertig*)
 - Working Group 5: Uses of Data and Information Derived from Observing Systems (*Schwarzhorn*)
 - Working Group 6: Success Stories (*Wisshorn*)
- 11:00-11:30 am *Coffee break*
- 11:30-12:00 pm **Synthesis:** Arctic Observing Summit 2018
Brief reports and contribution to conference statement from each AOS Thematic Working Group (5 min each)
- 12:00-1:00 pm **AOS 2018 Outcomes**
- Highlight key findings and progress: AOS Executive Organizing Committee
 - Final discussion and questions from audience
 - Priorities, Gaps and Recommendations
 - Plans for AOS 2020 and AOS 2018 Conclusion
- 1:00 pm *End*