



Research in Svalbard: An APECS workshop

4th November 2019, Tøyen Hovedgård, Oslo
Program

0900-0930	Registration and coffee Travel support awardees to hand in forms; posters to be set up
0930-0940	Welcome and introduction to APECS Grace Shephard (U.Oslo; APECS Norway President) Robynne Nowicki (UNIS and UKPN representative) Vasily Efimov (APECS Russia representative)
Session: Logistics and Funding	
0940-1000	Keynote: Planning a visit to the Ny-Alesund Research Station and the NERC station Nick Cox, British-Antarctic Survey (BAS)
1000-1020	Keynote: Spitsbergen Mesozoic Research Group - how to finance a large research group using sponsors and volunteers Jørn H. Hurum, Natural History Museum/U.Oslo
1020-1040	Keynote: Russian Research Center in Barentsburg: partners, infrastructure, framework of research, problems, cooperation Yuri Ugrymov, Chief of the Russian Arctic Expedition on Spitsbergen/AARI Deputy Director for Expedition Activity
BREAK (20 mins) Travel support awardees to hand in forms	
1100-1115	Experiences of funding, organizing, and managing marine field work on Svalbard as early career Scientists Tobias Vonnahme (UiT -The Arctic University of Norway)
1115-1135	Keynote: Svalbard Science Forum/The Research Council of Norway Kirsten Broch Mathisen (Norwegian Research Council/Svalbard Science Conference)
Session: Environment	
1135-1155	Keynote: Development and establishment of an Arctic Safety Centre in Longyearbyen Ann Christin Auestad (UNIS)
1155-1210	Using drone based imagery to study climate, herbivore and vegetation interactions in the Arctic tundra Isabell Eischeid (U.Tromsø, NPI, Aarhus University)
1210-1225	Content and composition of organic matter in soils of Nordenskiöld Land Ivan Alekseev (Saint Petersburg State University/Arctic and Antarctic Research Institute)

LUNCH (45 mins) Lunch will be served	
1310-1330	Keynote: Human footprints in an untouched wilderness Susan Barr (ICOMOS International Polar Heritage)
1330-1345	Ice Edge Retreating: Influence on Maritime Activities around Svalbard Alexandra Stocker (University Centre of the Westfjords)
Session: Data Sharing and Outreach	
1345-1405	Keynote: The fate of your research results Edina Pózer (U.Oslo Science Library)
1405-1425	Keynote: Providing services and opportunities for Earth System Science researchers Christiane Hübner (Svalbard Integrated Arctic Earth Observing System (SIOS))
1425-1445	Keynote: Polar Outreach and Education: Tips, tricks and tales Kyle Mayers (NORCE Norwegian Research Centre AS)
1445-1500	Poster Pitch 1 minute summary of posters
BREAK (15 mins)	
1515-1530	Wave measurements from ship mounted sensors in the Arctic marginal ice zone Trygve Kvåle Løken (University of Oslo)
Session: Svalbard Science and Research	
1530-1550	Keynote: Svalbard – a natural geological laboratory for research, education and outreach Hans Arne Nakrem (Natural History Museum/UiO)
1550-1610	Keynote: Spitsbergen as a gate for investigation of permafrost in Russian arctic archipelagoes Nikita Demidov (Arctic and Antarctic Research Institute (AARI) and Russian Academy of Sciences (RAS))
1610-1625	Fire and ice in the Mesozoic greenhouse? Palaeoclimatic and environmental change during the Jurassic and Cretaceous of Spitsbergen Madeleine Vickers (University of Copenhagen)
1625-1900	Final discussion followed by Poster Session and Networking Tapas will be served

Poster presentations

1. **Monika Sikand** (Bronx Community College, City University of New York) Modeling of cloud and radiation processes in GCM: A case study of in situ mixed-phase Arctic boundary-layer clouds
2. **Igor Vasilevich** (Arctic and Antarctic Research Institute (AARI)) Variability of snow cover characteristics in the Grønfjorden basin.
3. **Kseniia Romashova** (Arctic and Antarctic Research Institute (AARI)) Long-term observations of rivers in the Grønfjorden area
4. **Maria Pogojeva** (P.P.Shirshov Institute of Oceanology of the Russian Academy of Sciences (IO RAS)) Experimental studies on influence of thawing permafrost on chemical properties of sea water
5. **Ksenia Poleshchuk** (Arctic and Antarctic research institute) The experience of using diatom analysis for paleo-environmental study on West Spitsbergen Island
6. **Maria Grchushnikova** (Moscow State University) Water objects in Gronfiord basin and some features of their hydroecological regime
7. **Marie-Louise Zeller** (University of Potsdam and Alfred Wegener Institute Potsdam) Distributing temperature Sensing (DTS) measurements of the Arctic atmospheric boundary layer at the AWIPEV station in Svalbard
8. **Matteo Petit Bon** (The University Centre in Svalbard) The Svalbard Decomposition Map Project
9. **Neelu Singh** (Mangalore University) Diisopropylnaphthalene in Sediments of Arctic Fjord: Environmental Significance
10. **Jean-Baptiste Koehl** (UiT, UiO, CAGE, ARCEX) WNW–ESE-striking Timanian faults in Svalbard
11. **Katharina Jentsch** (University of Cologne and Alfred-Wegener-Institute for Polar and Marine Research) Long-term data set (2007 to 2017) of eddy covariance CO₂ and energy fluxes at High Arctic Bayelva site, Svalbard
12. **Leah Jackson-Blake** (NIVA (Norwegian Institute for Water Research)) How much organic matter and sediment do Svalbard's rivers deliver to coastal zones?
13. **Deniz Vural** (Istanbul Technical University Polar Research Center) The Contribution of Turkish Arctic Scientific Expedition to the First Turkish Arctic Journal
14. **Svenja Neumann** (Norwegian Polar Institute) Ingested plastics in northern fulmars (*Fulmarus glacialis*): a pathway for polybrominated diphenyl ether (PBDE) and chlorinated paraffin (CP) exposure?
15. **Ingrid Paulsen** (Norwegian Polar Institute) Calving habitat selection and site fidelity in a High- Arctic ungulate
16. **Thea Josefine Ellevold** (UiO) An investigation of iceberg dynamics using a remotely operated vehicle (ROV)
17. **Diana Soloveva** (Arctic and Antarctic Research Institute; Institute of Earth sciences, St. Petersburg State University) Mid- and Late Holocene vegetation inferred from pollen record of Northern Nordenskiöld Land peat sequences (West Spitsbergen Island)

18. **Alexandra Stocker** (University Centre of the Westfjords) Ice Edge Retreating: Influence on Maritime Activities around Svalbard
19. **Robynne Nowicki** (UNIS and UKPN) Using seasonal variation in zooplankton and predator energy content to expose susceptibility to pollutants in the Barents Sea ecosystem
20. **Grace Shephard** (Centre for Earth Evolution and Dynamics [CEED], U.Oslo and APECS Norway) Welcome to APECS Norway
21. **Grace Shephard** (Centre for Earth Evolution and Dynamics [CEED], U.Oslo and APECS Norway) The Arctic in deep time and space - plate tectonics in the Arctic
22. **Vasily Efimov** (APECS Russia) APECS Russia work and activities for 2019/20
23. **Maria Dance** (University of Oxford) Assessing the role of sea ice as a dispersal vector of plants in a changing climate
24. **Fabio Crameri** (Centre for Earth Evolution and Dynamics [CEED], U.Oslo). *Nuuk*, an arctic scientific colour map.
25. **Kyle Mayers** (NORCE, Norway). Interactive workshop discussions.

Organizers of this workshop:

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