

Welcome to the **Arctic Beaver Observation Network**

Virtual Meeting Agenda, March 15 & 16

Day 1 is mostly synthesis from Delphi surveys on research priorities and breakout groups, followed by best practices and plans for working with local communities.

Day 2 is more conventional scientific presentations, as well as next steps for A-BON.

March 15th (ADS Time)	Day 1 Zoom: https://us02web.zoom.us/j/85002569241	
9:00 -9:15	Welcome and introduction to A-BON	Ken Tape
9:15-10:00	<i>Plenary Presentation</i> Beavers: Can current knowledge predict future trends?	Glynnis Hood
10:00-10:15	Break	
10:15-11:00	What are the priorities for beaver research? Outcomes of the Delphi (synthesis) process, which identified priorities in the following categories: <ul style="list-style-type: none"> • <i>Beaver ecology in the Arctic</i> • <i>Beaver impacts: biophysical</i> • <i>Beaver impacts: socio-cultural</i> • <i>Local knowledges, decision-making processes and adapting to the future</i> • <i>Changing relationships with beavers</i> 	Helen Wheeler
11:00-11:40	What are the priorities for beaver research (breakout rooms 1) Participants will be asked to sign up for two breakout rooms based on their interests in the themes above, separate into groups to discuss themes.	
11:40-11:50	Feedback from breakout groups 1	
11:50-12:30	What are the priorities for beaver research (breakout rooms 2)	
12:30-13:15	Lunch/Break	
13:15-13:45	Delphi Summary (breakout rooms 2 and general) and group discussion of feedback on research priorities	Facilitator: Helen Wheeler
13:45-15:00	Community-based approaches to beaver research and management Best research practices and lessons learned from initiatives already underway in Northern communities. <ul style="list-style-type: none"> • <i>Integrating multiple ways of knowing to address beaver expansion in Nunavik</i> • <i>Co-production of knowledge in communities affected by beaver engineering in NW Alaska.</i> 	Convener: Mikhaela Neelin Mikhaela Neelin Helen Cold, Caroline Brown

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March 16 th (ADS Time)	Day 2 Zoom: https://alaska.zoom.us/j/89077879440?pwd=YXlsRTRTZ2p2bTVFR3NGSWpgVkltdz09	
9:00-9:45	<i>Plenary Presentation</i> Our relationship with beavers and how that has changed	Seth Kantner
9:45-10:45	Contributed Talks (between 3 min and 15mins) <ul style="list-style-type: none"> • <i>Distribution of the Eurasian beaver</i> • <i>Beaver ponds as hotspots of vector-borne and zoonotic diseases?</i> • <i>Beaver-mediated transformation of peat-dominated landscapes</i> • <i>Integrating multiple ways of knowing to address beaver expansion in Nunavik</i> 	Convenor: Ken Tape Duncan Halley Frauke Ecke Cherie Westbrook Michaela Neelin (wrap-up from yesterday)
10:45-12:30	Contributed Talks (between 10 min and 15mins) <ul style="list-style-type: none"> • <i>Overview of eDNA and applications to A-BON</i> • <i>Understanding the cumulative impacts of beaver activity on aquatic food webs in the Inuvialuit Settlement Region</i> • <i>Spaceborne, airborne, and ground-based observations of beaver and ice-rich permafrost terrain interactions</i> • <i>How A-BON fits with the CAFF Circumpolar Biodiversity Monitoring Program</i> 	Convener: Ken Tape Trey Simmons Jordan Musetta-Lambert Benjamin Jones Casey Burns
12:30-13:15	Lunch/Break	
13:15-14:00	Contributed talks <ul style="list-style-type: none"> • Introductions of other participants (time permitting) • <i>Implications of Beaver Proliferation on Arctic Tundra Ecosystems: a Comparison of Sediment Microbiomes from Beaver Ponds and Tundra Lakes</i> • <i>Effects of beaver range expansion on stream water quality in Alaska's Arctic</i> • <i>Using Landsat to Detect Beavers in Northern Quebec</i> • <i>Field sites being established in Alaska, and aspirations for circumarctic pond mapping</i> 	voluntary Kelly Shannon (5 min) Jonathon O'Donnell Vanessa Caron Ken Tape (10 min)
14:00-15:00	How can we work together to do better research? Identifying priorities and next steps for the network. TBD, open format	Facilitators: Helen Wheeler, Ken Tape, others

Not available today: Michael Pollock, *How beaver and plants engineer stream ecosystems*