



Community and Citizen Science in the Far North Conference Agenda #CCSFarNorth

Tuesday, 5 October 2021 | 8:00 a.m.-12:30 p.m. AKDT

Time (AKDT)

Agenda Activity and Presenter(s)

Note: Zoom instructions will be sent to those who are registered.

Use a [world time converter](#) for your time zone.

U15 = 15-minute presentations UL= 3-minute lightning presentations

UP = 45-minute panel discussions UPR = 15-minute pre-recorded presentations

7:45 a.m.-8:00 a.m.	<p>Open Room</p> <ul style="list-style-type: none"> • The meeting room is open to all participants • Opportunity for tech check
8:00 a.m.-8:10 a.m.	<p>Welcome!</p> <ul style="list-style-type: none"> • Opening Remarks – <i>Helen Wiggins, Executive Director, ARCUS</i> • Land Acknowledgment – <i>Kaare Sikuaq Erickson, Ikaagun Engagement</i> • Introductions to Organizers – <i>Kaare Sikuaq Erickson, Ikaagun Engagement</i>
8:10 a.m.-8:25 a.m.	<p>Conference Overview</p> <ul style="list-style-type: none"> • Conference purpose & goals • Agenda overview • Code of Conduct • Glossary of Terms & Acronyms for Shared Understanding <p><i>Janet Warburton, ARCUS</i></p>
8:25 a.m.-8:30 a.m.	<p>Using Zoom</p> <p><i>Kuba Grzeda, ARCUS</i></p>
8:30 a.m.-9:00 a.m.	<p>Keynote Talk: Joel Heath</p> <p><i>Executive Director, Arctic Eider Society</i></p> <p>SIKU: The Indigenous Knowledge Social Network—Tools and Services Supporting a Leading Role for Northern Communities in Research and Monitoring</p> <p><i>Introduction by Audrey Taylor, Steering Committee</i></p>
9:00 a.m.-9:55 a.m.	<p>Session 1: Unique to the Far North</p> <p>Presentations in this session focus on what makes their project or activity unique to the Arctic. After each 13-minute talk, there will be time for the presenter to respond to a few questions.</p> <p><i>Introduction by Audrey Taylor, Steering Committee</i></p>

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9:05 a.m.	U15-01: Power of Citizen Science to Transcend Boundaries and Inspire Climate Action. <i>Sunniva Sorby, Hearts in the Ice</i>
9:20 a.m.	U15-02: Indigenous Sentinels Network: Implementing Tribally Led Programs to Enhance Stewardship of Traditional Foods and Critical Habitat in Alaska. <i>Casey Ferguson, Alaska Pacific University</i>
9:35 a.m.	U15-03: Addressing Climate Change’s Impacts on the Environment-Health Nexus Through Community Collective Action in Sitka, Alaska. <i>Saskia Hirsch, University College London</i>
9:50 a.m.-10:00 a.m.	What’s Next After the Break & Door Prize! <i>Roberta Glenn, Steering Committee</i>
10:00 a.m.-10:30 a.m.	BREAK <ul style="list-style-type: none"> ● Please stay logged into the Main Zoom Room. ● Pre-recorded presentations are listed at the bottom of today’s agenda and can be viewed here.
10:30 a.m.-11:15 a.m.	Session 1 Continued: Unique to the Far North After each 13-minute talk, there will be time for the presenter to respond to a few questions. Questions for the shorter, 3-minute talks, will be answered at the end of all the lightning talks. <i>Introductions by Audrey Taylor, Steering Committee</i>
10:35 a.m.	U15-04: Working Together for Climate Change Learning and Community Science in Indigenous Communities. <i>Elena Sparrow, University of Alaska Fairbanks</i>
10:50 a.m.	U15-05: Supporting Bee Conservation in Alaska through Community Science. <i>Casey T Burns, U.S. Bureau of Land Management</i>
11:05 a.m.	U15-06: Eyes in the Skies: Utilizing Drone Technology to Serve Community Needs in Shishmaref, Alaska. <i>Dennis Davis, community member of Shishmaref, Alaska</i>
11:20 a.m.	UL-01: Modern Architecture of the Arctic Research Facilities. <i>Valeria Savinova, Moscow Institute of Architecture</i>
11:23 a.m.	UL-02: Socio-economic Changes in Norwegian and Russian Settlements on Svalbard. <i>Alexandra Middleton, Oulu Business School</i>

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11:26 a.m.	UL-03: Fresh Eyes on Ice - Broadening Participation in River Ice Observing. <i>Katie Spellman, University of Alaska Fairbanks</i>
11:35 a.m.-12:20 p.m.	<p>Panel Discussion</p> <p>LP-01: The Hearts in the Ice Mission: Lessons Learned from Arctic Citizen Science Partnerships</p> <p><i>Introduced by Audrey Taylor, Steering Committee</i> <i>Moderator: Laura Brandt, New Mexico Consortium</i> <i>Panelists: Hilde Fålun Strøm, Hearts in the Ice; Liz MacDonald, NASA Goddard Space Flight Center; Verena Meraldi, Hurtigruten Expeditions</i></p>
12:20 p.m.-12:30 p.m.	<p>Door Prize, Closing, & Adjourn for the Day</p> <p><i>Audrey Taylor, Steering Committee</i></p>
On your own	<p>Pre-recorded Presentations: Unique to the Far North</p> <p>Presentations can be viewed here. Feel free to comment on YouTube and we will share with the presenters.</p> <p>UPR-01: Citizen Science: Shoreline Change Monitoring in Southwestern Alaska. <i>Jessica Christian, University of Alaska Fairbanks</i></p> <p>UPR-02: The Role of Citizen Science, Taxon Concepts and Sequence Capture in the New Flora of Alaska Project. <i>Stefanie Ickert-Bond, University of Alaska Fairbanks; Kimberly Cook, Campbell Webb</i></p> <p>UPR-03: North to the Future: Asynchronous Delivery of Systematic Botany at the University of Alaska Fairbanks. <i>Stefanie Ickert-Bond, Christen Bouffard, Ute Kaden, University of Alaska Fairbanks</i></p> <p>UPR-04: Harnessing the Power of Community Science to Address Data Gaps for Arctic Observing: Case Examples from the Alaska Invasive Species Partnership. <i>Audrey Taylor, University of Alaska Anchorage</i></p>
Additional Information	<p>Main Conference Website https://www.arcus.org/meetings/2021/arctic-ccs #CCSFarNorth @ArcticResearch FB: https://www.facebook.com/ArcticResearchConsortium</p> <p>Questions? Contact us at accs@arcus.org</p>



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JP = 45-minute panel discussions JPR = 15-minute pre-recorded presentations

7:45 a.m.-8:00 a.m.	Open Room <ul style="list-style-type: none"> ● The meeting room is open to all participants ● Opportunity for tech check
8:00 a.m.-8:10 a.m.	Welcome! <ul style="list-style-type: none"> ● Welcome & Land Acknowledgment - <i>Roberta Glenn, Steering Committee</i> ● Overview of Agenda for the Day - <i>Janet Warburton, ARCUS</i>
8:10 a.m.-8:40 a.m.	Keynote Talk Kaare Sikuaq Erickson <i>Principal Consultant, Ikaagun Engagement</i> Why it's so Hard to Solicit Buy-in from Arctic Communities in Arctic Research. <i>Introduction by Olivia Lee, University of Alaska Fairbanks</i>
8:40 a.m.-9:50 a.m.	Session 2: Just Sharing This session focuses on increasing awareness about projects or activities that might be new and/or haven't yet collected any research data. It's also an opportunity to look for collaborators and share resources. After each 13-minute talk, there will be time for the presenter to respond to a few questions. <i>Introduction by Katie Spellman, Steering Committee</i>
8:45 a.m.	J15-01: Collaborative Research: Indigenous Methodologies in Arctic Sciences. <i>Stanislav Ksenofontov, ARCTICenter, University of Northern Iowa</i>
9:00 a.m.	J15-02: Listen Up! Discovering and Researching Alaska's Soundscapes Through Community and K-12 Outreach. <i>Erin Marbarger, Anchorage Museum</i>
9:15 a.m.	J15-03: Inflatable Heritage: Innovations in Design and Instruction at Spirit Camps in Prince William Sound, Alaska. <i>Michael Kaplan, Alaska Pacific University</i>
9:30 a.m.	J15-04: Monitoring for Marine Non-native Species in the Arctic. <i>Gail Ashton, Smithsonian Environmental Research Center</i>

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9:50 a.m.-10:00 a.m.	<p>What's Next After the Break & Door Prize! <i>Roberta Glenn, Steering Committee</i></p>
10:00 a.m.-10:30 a.m.	<p>BREAK</p> <ul style="list-style-type: none"> ● Please stay logged into the Main Zoom Room. ● Pre-recorded presentations are listed at the bottom of today's agenda and can be viewed here.
10:30 a.m.-11:30 a.m.	<p>Session 2 Continued: Just Sharing After each 13-minute talk, there will be time for the presenter to respond to a few questions. Questions for the shorter, 3-minute talks, will be answered at the end of all the lightning talks.</p> <p><i>Introductions by Katie Spellman, Steering Committee</i></p>
10:35 a.m.	J15-05: Permafrost Grown: Co-producing Knowledge with Alaskan and Siberian Farmers to Understand Permafrost-Cultivation Interactions. <i>Melissa Ward Jones, University of Alaska Fairbanks</i>
10:50 a.m.	J15-06: Building a Baseline for Ocean Acidification Trends in Coastal Alaskan Communities. <i>Jacqueline Ramsay, Alutiiq Pride Marine Institute</i>
11:05 a.m.	J15-07: Tracking Changes in Arctic Alaska Through a Collaborative Network of Indigenous Observers in Coastal Communities. <i>Donna Hauser, International Arctic Research Center, University of Alaska Fairbanks</i>
11:20 a.m.	JL-01: Wildfire Communication in Alaska and Sweden. <i>Zoe Garbis, The George Washington University</i>
11:23 a.m.	JL-02: Establishing a Baseline Monitoring Program for HABs in the Arctic. <i>Thomas Farrugia, Alaska Ocean Observing System</i>
11:26 a.m.	JL-03: UndercoverEisAgenten - The Bird's Eye on Permafrost Degradation. <i>Soraya Kaiser, Alfred Wegener Institute Helmholtz Centre for Polar and Marine Research</i>

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11:35 a.m.-12:20 p.m.	<p>Panel Discussion</p> <p>JP-01: Opportunities to Contribute to Coastal Biodiversity Monitoring Around the Arctic.</p> <p><i>Introduced by Katie Spellman, Steering Committee</i></p> <p><i>Moderator: Sierra Fletcher, Circumpolar Biodiversity Monitoring Program</i></p> <p><i>Panelists: Catherine Coon, CBMP Co-lead and Bureau of Ocean Energy Management - Alaska Regional Office; Tahzay Jones, CBMP-Coastal Co-chair, Coastal Programs Lead, National Park Service</i></p>
12:25 p.m.-12:30 p.m.	<p>Door Prize, Closing & Adjourn for the Day</p> <p><i>Steering Committee</i></p>
On your own	<p>Pre-recorded Presentations: Just Sharing</p> <p>Presentations can be viewed here. Feel free to comment on YouTube and we will share with the presenters.</p> <p><u>JPR-01: Citizen Science on Board Arctic Expedition Cruise Vessels: Collecting Data and Educating Tourists. Melissa Nacke, Association of Arctic Expedition Cruise Operators</u></p> <p><u>JPR-02: A Partnership for Community-led Wave Monitoring in Alaska. Jill Prewitt, Alaska Ocean Observing System</u></p> <p><u>JPR-03: Shared Observing Interests in Coastal Sea Ice and Permafrost Hazards in Alaska. Olivia Lee, University of Alaska Fairbanks</u></p> <p><u>JPR-04: Northern Animal Health Alliance. Emilie Bouchard, University of Saskatchewan</u></p>
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7:45 a.m.-8:00 a.m.	<p>Open Room</p> <ul style="list-style-type: none"> ● The meeting room is open to all participants ● Opportunity for tech check
8:00 a.m.-8:10 a.m.	<p>Welcome!</p> <ul style="list-style-type: none"> ● Welcome & Land Acknowledgment – <i>Erica Chenoweth, Steering Committee</i> ● Overview of Agenda for the Day - <i>Janet Warburton, ARCUS</i>
8:10 a.m.-8:40 a.m.	<p>Keynote Talk: Katie Spellman <i>University of Alaska Fairbanks, International Arctic Research Center</i> Alaska Berry Citizen and Community Science - a Decade of Science, Learning, and Navigating the Program Design Tradeoffs Between the Two.</p> <p><i>Introduction by Laura Smith, The Polar Citizen Science Collective</i></p>
8:40 a.m.-9:20 a.m.	<p>Session 3: All About the Data</p> <p>This session is focused on sharing data and research gathered from CCS projects. It's also an opportunity to share Indigenous data sovereignty challenges and solutions. After each 13-minute talk, there will be time for the presenter to respond to a few questions.</p> <p><i>Introduction by Laura Smith, The Polar Citizen Science Collective</i></p>
8:45 a.m.	<p>A15-01: Citizen Science Initiative for a Community-based Monitoring of the Ocean Temperature in the Uummannaq Fjord. <i>Patrick Farnole, University of Victoria, Canada</i></p>
9:00 a.m.	<p>A15-02: CoCoRaHS in Alaska. <i>Douglas Wesley, NOAA/NWS</i></p>
9:15 a.m.	<p>A15-03: Putting Drones Where They (Don't?) Belong. <i>Eric Saczuk, British Columbia Institute of Technology</i></p>

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9:30 a.m.-10:15 a.m.	<p>Panel Discussion</p> <p>AP-01: Youth and Community Engagement on Air Quality and Clouds through GLOBE, NASA and REACH. <i>Introduced by Erica Chenoweth, Steering Committee</i></p> <p><i>Moderator: Christina Buffington, University of Alaska Fairbanks, International Arctic Research Center</i></p> <p><i>Panelists: Marilé Colón Robles, SSAI/NASA Langley Research Center</i> <i>Elena Sparrow, University of Alaska Fairbanks, International Arctic Research Center</i> <i>David Jones, University of Montana, School of Public and Community Health Sciences</i> <i>Roben Itchoak & students from Shishmaref School</i> <i>Bonnie Murray, NASA Langley Research Center</i> <i>Anna Kiley, University of Montana, School of Public and Community Health Sciences</i> <i>Carl Schmitt, University of Alaska Fairbanks, Alaska Climate Research Center</i></p>
10:20 a.m.-10:30 a.m.	<p>What's Next After the Break & Door Prize!</p> <p><i>Roberta Glenn, Steering Committee</i></p>
10:30 a.m.-11:00 a.m.	<p>BREAK</p> <ul style="list-style-type: none"> ● Please stay logged into the Main Zoom Room. ● Pre-recorded presentations are listed at the bottom of today's agenda and can be viewed here.
11:00 a.m.-11:35 a.m.	<p>Session Intro: Lessons Learned</p> <p>In this session, presentations will focus on what worked—or didn't work—in a project or activity. It's an opportunity to share program/project evaluation data; insights and experiences with science communication and participants; and impacts of the COVID-19 pandemic on projects or activities. After each 13-minute talk, there will be time for the presenter to respond to a few questions.</p> <p><i>Introduction by Laura Smith, The Polar Citizen Science Collective</i></p>
11:05 a.m.	<p>L15-01: Reflecting on the Implementation of a Community-based, Long-term Tick Surveillance Program in Alaska. <i>Micah Hahn, Institute for Circumpolar Health Studies, University of Alaska-Anchorage</i></p>

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11:20 a.m.	L15-02: An Overview of Data Management and Data Sharing Infrastructures for Community Science. <i>Noor Johnson, National Snow and Ice Data Center, University of Colorado Boulder</i>
11:35 a.m.-12:20 p.m.	<p>Panel Discussion</p> <p>UP-01: The Sea Ice for Walrus Outlook (SIWO): Twelve Years of Partnership to Support Bering Strait Communities. <i>Introduced by Lisa Sheffield Guy, ARCUS Moderators: Lisa Sheffield Guy, Arctic Research Consortium of the US and Olivia Lee, University of Alaska Fairbanks</i></p> <p><i>Panelists: Frank "Boogles" Johnson, Nome SIWO Observer</i></p> <p><i>Mary-Beth Schreck, National Weather Service Alaska</i></p> <p><i>Vera Metcalf, Kawerak, Inc. / Eskimo Walrus Commission</i></p> <p><i>Aqef Waghiyi, Savoonga SIWO Observer</i></p>
12:20 p.m.-12:30 p.m.	<p>Next Steps</p> <ul style="list-style-type: none"> • Conference report and other products • Continuing the discussion and building community • Conference feedback survey • Final door prize & Thank you! <p><i>Janet Warburton, ARCUS; Erica Chenoweth, Steering Committee</i></p> 
12:30 p.m.	Closing & Conference Adjourns
On your own	<p>Pre-recorded Presentations: All about the Data & Lessons Learned</p> <p>Presentations can be viewed here. Feel free to comment on YouTube and we will share with the presenters.</p> <p><u>APR-01: Expedition Cruise and Citizen Science: Powerful Tools to Collect Valuable Polar Data, Support Local Communities and Increase Nature Awareness. Verena Meraldi, Hurtigruten Expeditions</u></p> <p><u>APR-02: Documenting Coastal Change and Community-Based Observations in Alaska. Roberta Tuurraq Glenn, Alaska Arctic Observatory and Knowledge Hub, State of Alaska Department of Natural Resources Division of Geological & Geophysical Surveys</u></p> <p><u>LPR-01: Look at What We are Learning! A Closer Look at The Arctic in the Classroom Project. Janet Warburton, Arctic Research Consortium of the US</u></p>

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SAVE THE DATE!

Tuesday, 30 November 2021 at 9:00 AM AKST

**Informal webinar focusing on
Community & Citizen Science in the Far North!**

This will be an opportunity to continue the discussions and networking after the conference. ARCUS will send out a reminder with a registration link and additional details to everyone that is registered for this conference. We will also post on our list serve and websites.