

2021

ANNUAL MEETING

ONLINE EVENT

THURSDAY, 4 NOVEMBER 2021

9:00 A.M. - 12:00 P.M. (ALASKA TIME)





WELCOME!

COME AS YOU ARE

MEETING GOALS

- **CONNECT:** Bring members of the Arctic research and education community together to meet, talk, and connect.
- **SHARE:** Explore what individuals and organizations are doing to address key challenges and opportunities.
- **ADVANCE:** Identify actionable ways we can work together and support each other.



ARCUS BOARD OF DIRECTORS 2021



David Cairns
Texas A&M
(President)



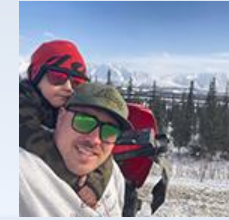
Victoria Herrmann
Georgetown University
(Stepped Down Aug 2021)



Pips Veazey
University of Maine



Julie Raymond-Yakoubian
Kawerak, Inc.
(Member-at-large)



Kaare Sikuaq Erickson
Ikaagun Engagement



Craig Fleener
Alaska Tribal Broadband
& 11th Air Force



Diane Hirshberg
U. Alaska Anchorage
(Treasurer)



Jasper Hardesty
Sandia National Labs



Peter Webley
U. Alaska Fairbanks
(Secretary)



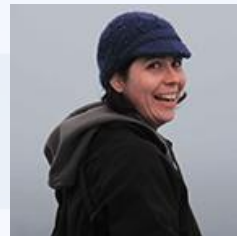
Timo Koivurova
University of Lapland



Audrey Taylor
U. Alaska Anchorage



Cheryl Rosa
U.S. Arctic Research
Commission



Adrian Gall
ABR, Inc.

**Board Members are elected by
ARCUS Institutional Member
Representatives**

ARCUS STAFF



Helen Wiggins
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Brandi Austin
Director of Finance and HR



Kristi Weiss-Ackles
Accountant



Brit Myers
Project Manager



Vanessa Raymond
ICC Information Archivist/Data Advisor



Lisa Sheffield Guy
Project Manager



Stacey Stoudt
Project Manager



Betsy Turen-Bogren
Project Manager



Janet Warburton
Project Manager



Judy Fahnestock
Project Coordinator



Kuba Grzeda
Project Coordinator



Ronnie Owens
Information Technology
Director



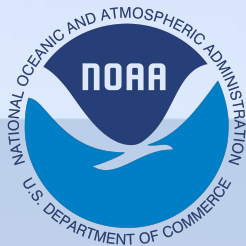
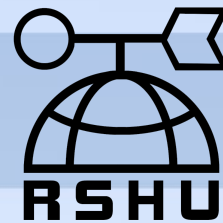
Zeb Polly
Systems Administrator



Joed Polly
Video Production and
Content Manager

Learn more about ARCUS
staff and how to contact us:
www.arcus.org/arcus/staff

INSTITUTIONAL MEMBERS



ARCUS VISION, MISSION, & VALUES

Vision (what we aspire to be):

ARCUS envisions strong and productive connections among U.S. and international Arctic researchers, educators, Indigenous knowledge holders, Arctic residents, and other stakeholders to promote exploration and understanding of the Arctic.

Mission (the way we serve our members and the Arctic research community):

ARCUS catalyzes interdisciplinary thinking, acting, and educating, which produces collaborative partnerships.

Values

- Shared Knowledge
- Transparency
- Multi-Knowledge and Cross-Disciplinary Collaboration
- Informed Decision-Making
- Engagement
- Diversity, Equity, Inclusion, & Belonging



STRATEGIC GOALS - WE WORK TOGETHER TO:

Goal 1: Facilitate and Support Arctic Research Collaboration

- Objective 1.1: Provide Resources and Promote Innovative Practices for Collaborative and Interdisciplinary Research
- Objective 1.2: Connect and Support the Arctic Research Community Around Shared Topics of Interest
- Objective 1.3: Partner with Other Arctic Organizations to Catalyze and Broaden Networking Opportunities
- Objective 1.4: Promote Exchange, Collaboration, and Co-Production Between the ARCUS Community with U.S.-Based Arctic Indigenous Community Members

Goal 2: Enhance the Effectiveness of Arctic Research Communications

- Objective 2.1: Increase Information Exchange and Knowledge Sharing Within the ARCUS Community
- Objective 2.2: Amplify and Share Arctic-Related Research, Knowledge, and Issues with Diverse Audiences
- Objective 2.3: Work with ARCUS Members to Prioritize and Address the Critical Needs of the ARCUS Community
- Objective 2.4: Build Awareness of and Cultivate Group Identity Between ARCUS, our Members, and our Partners

STRATEGIC GOALS - WE WORK TOGETHER TO:

Goal 3: Educate K-16 Students and Formal and Informal Educators about the Arctic, and Engage them in Arctic Research

- Objective 3.1: Develop Professional Training Opportunities for Arctic Educators
- Objective 3.2: Champion Culturally Responsive Arctic Education and Outreach
- Objective 3.3: Foster Arctic Citizen Science and Community-Based Research
- Objective 3.4: Encourage Arctic Youth Involvement in Arctic Research Activities and Learning

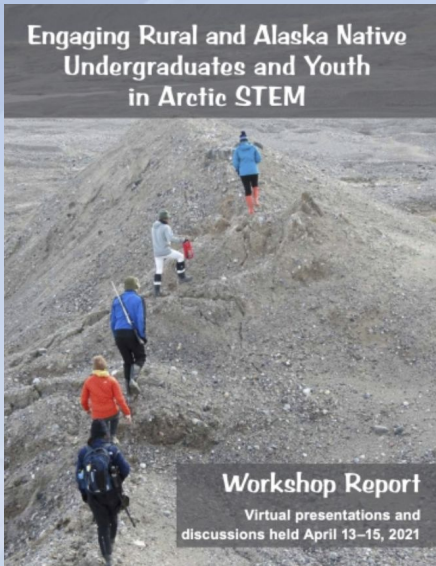
Goal 4: Secure Resources to Support the ARCUS Mission

- Objective 4.1: Expand and Sustain a Diverse and Inclusive ARCUS Membership
- Objective 4.2: Strengthen ARCUS' Organizational Capacity
- Objective 4.3: Diversify ARCUS' Funding Sources
- Objective 4.4: Grow Reserves to Adapt and Respond to New Opportunities



A FEW ARCUS HIGHLIGHTS

- Central focus = connecting people and groups to tackle challenges in Arctic research and education

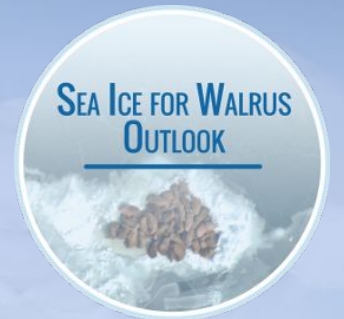


November 2021						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
<p>North Pacific Arctic Conference</p> <p>2021 UN Climate Change Conference (UNFCCC COP 26)</p> <p>ARCUS Meeting: 2021 Arctic Science (WCSIS)</p>	<p>ARCUS Meeting: 2021 Arctic Science (WCSIS)</p>	<p>ARCUS Meeting: 2021 Arctic Science (WCSIS)</p>	<p>ARCUS Meeting: 2021 Arctic Science (WCSIS)</p>	<p>ARCUS Meeting: 2021 Arctic Science (WCSIS)</p>	<p>ARCUS Meeting: 2021 Arctic Science (WCSIS)</p>	<p>ARCUS Meeting: 2021 Arctic Science (WCSIS)</p>
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A FEW ARCUS HIGHLIGHTS

Examples of activities that align with break-out group themes:

- Collaborative/Transdisciplinary Research
 - Arctic Research Collaboration Virtual Workshop, Interdisciplinary Committee
 - Activities sparked by 2020 Annual Meeting!
- Community & Citizen Science
 - The Arctic in the Classroom, Sea Ice for Walrus Outlook, virtual conference
- Coordination & Networking
 - Sea Ice Prediction Network
- COVID impacts and lessons throughout all our activities



More info is on the ARCUS website (www.arcus.org) and forthcoming annual report

TODAY'S AGENDA

- **9:00 AM AK/1:00 PM ET:** Introductory Session
- **9:15 AM AK/1:15 PM ET:** Small Group Icebreaker
- **9:25 AM AK/1:25 PM ET:** Break-out Theme Introductions
- **9:45 AM AK/1:45 PM ET:** Break-out Group Discussions (1 Hour)
- **10:45 AM AK/2:45 PM ET:** 20-Minute Break
- **11:05 AM AK/3:05 PM ET:** Group Reports & Plenary Discussion
- **11:40 AM AK/3:40 PM ET:** Next Steps/Opportunities to Stay Involved
- **11:45 AM AK/3:45 PM ET:** Informal Networking
- **12:00 PM AK/4:00 PM ET:** End of Meeting

PRIZES!

- We will select 3 participants at the end of the meeting to win a \$50 e-gift certificate!
 - Must be present to win





Icebreaker Introductions

- **Groups of 4-5**
- **5 minutes per group**
- **2 rounds**
- **Introductions:**
 - Your Name
 - Your Organization
 - Something all members of the group have in common not related to work!

BREAKOUT DISCUSSION THEMES



- **Theme 1:** Collaborative/Transdisciplinary Research
- **Theme 2:** Community & Citizen Science in the Far North
- **Theme 3:** Navigating Post-COVID Arctic Research & Education
- **Theme 4:** Coordination & Networking Needs & Solutions

Ask you to consider issues of diversity, equity, inclusion, and belonging as integral part of each theme

THEME 1: COLLABORATIVE/TRANSDISCIPLINARY RESEARCH

- Challenges and opportunities for working across disciplines, sectors (not only academics) perspectives, and/or knowledge systems
- A topic we continue to hear about from our community (2020 Annual meeting, member surveys, conference sessions, etc.)
- What information, events, facilitation, training, or other resources are needed to develop new teams or ideas?
- How to build trust, long-term engagement, and team-building?

THE BLENDED FRUIT METAPHOR

(Adapted from Nissani 1995)

FRUIT BOWL

Imagine researchers from different disciplines independently doing their own work but contributing to the same project. This is typically what "multi-disciplinary" research describes



FRUIT SALAD

"Inter-disciplinary" research is more like a fruit salad, with two or more disciplines integrating different pieces of their own specialized knowledge to solve common problems.



FRUIT SMOOTHIE

Both "Trans-disciplinary" and "Convergence" research are often compared to a fruit smoothie, where all the disciplinary "fruit" is blended together to create something entirely new.



FRUITY RX ELIXER

Taking the metaphor one step further, "Convergence" research might be seen as a fruity medicinal mixture, meant to help cure complex societal problems.



THEME 2: COMMUNITY & CITIZEN SCIENCE IN THE FAR NORTH

- A growing community of Arctic researchers, communities, and visitors that are becoming more engaged in research.
- Very few community/citizen science resources that are specific to the far north/Arctic
- Inspiration from a recent ARCUS virtual conference - an emerging community of practice
- How can we build and nurture this community?



THEME 3: POST-COVID ARCTIC RESEARCH & EDUCATION

- How has the COVID Pandemic impacted Arctic research and education?
- **Overcoming challenges:**
 - What are creative ways people overcame the cancellation of fieldwork?
 - How did you (or your project, institution, etc.) respond to the shift to virtual spaces?
 - What are other lessons learned in 2020 and 2021 regarding Arctic research and education?
- **Opportunities to consider:**
 - Increase local logistical support to relieve reliance on influx of labor force (students, contractors, etc.)
 - Think creatively to support thoughtful and inclusive virtual events.
 - Focus on achievable goals given circumstances of pandemic
 - More selective use of in-person events
 - Increase of sharing of existing data & resources
 - Dive deeper into previously collected data!

A NEED FOR ARCTIC RESEARCH COMMUNITY COORDINATION

- More Arctic research efforts, groups, and organizations
- Harder and harder to keep track of who is doing what, and coordinate between similar efforts
- Missing opportunities to share knowledge and collaborate, potential duplication in efforts
- What are areas that could benefit from greater communication or coordination?

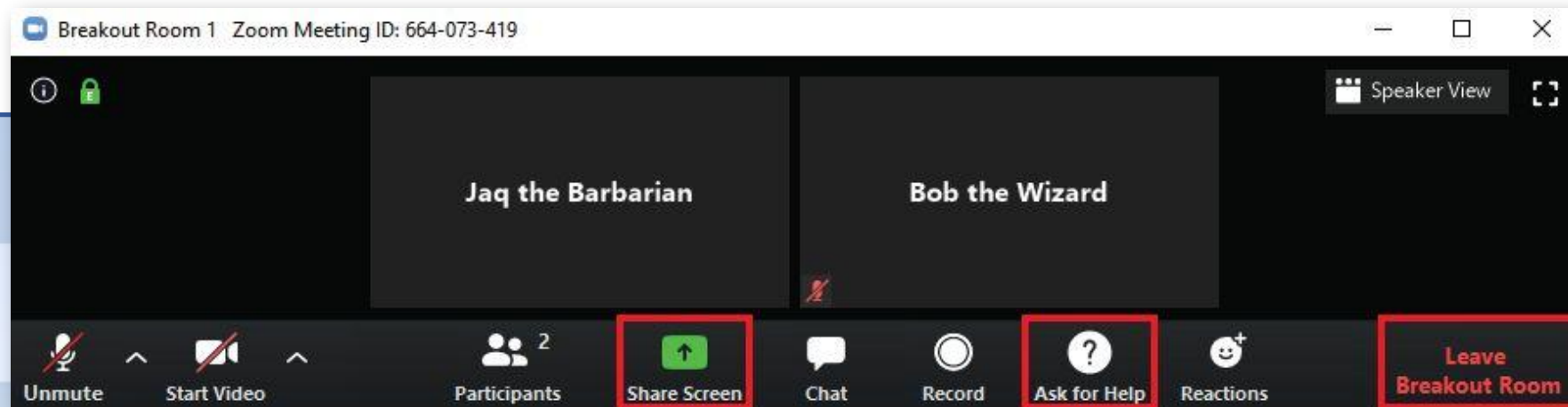


BREAKOUT DISCUSSIONS THEMES

- **Collaborative/Transdisciplinary Research**
 - Group 1A: Diane Hirshberg & Jim Hemsath
 - Group 1B: Pips Veazey & David Cairns
 - Group 1C: Adrian Gall & Lisa Sheffield Guy
- **Community & Citizen Science in the Far North**
 - Group 2A: Audrey Taylor & Judy Fahnestock
 - Group 2B: Janet Warburton & Katherine Schexneider
- **Navigating Post-COVID Arctic Research & Education**
 - Group 3A: Sasha Leidman & Stacey Stoudt
 - Group 3B: Helen Wiggins & Kaare Sikuaq Erickson
- **Coordination & Networking Needs & Solutions**
 - Group 4A: Peter Webley & Betsy Turner-Bogren
 - Group 4B: Julie Raymond-Yakoubian & Vanessa Raymond

BREAKOUT ROOMS

- While in your breakout you will be unable to send Zoom chat messages to anyone outside the room.
- If you click **Ask for Help**, it will notify the meeting host and we will send someone to the breakout room to help with any questions. You may also “Leave Breakout Room” to return to the plenary for assistance.

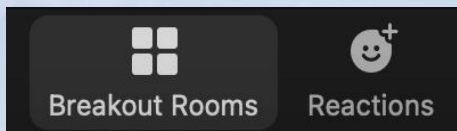


JOIN A BREAKOUT ROOM

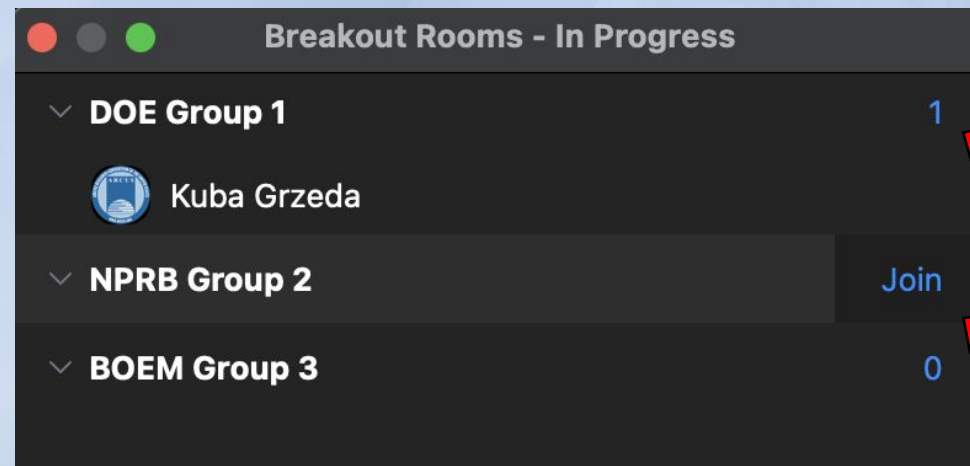
- Move yourself into one of the breakout rooms assigned to the discussion theme of your choice by following the instructions below. If you have any difficulty, the host will remain available in the main Zoom meeting room to assist you.

1

Click on the “Breakout Rooms” icon at the bottom of your Zoom window.



2



In the “Breakout Rooms” popup window, see the list of available breakout rooms. A number to the right of the room name will tell you how many people are in the room.

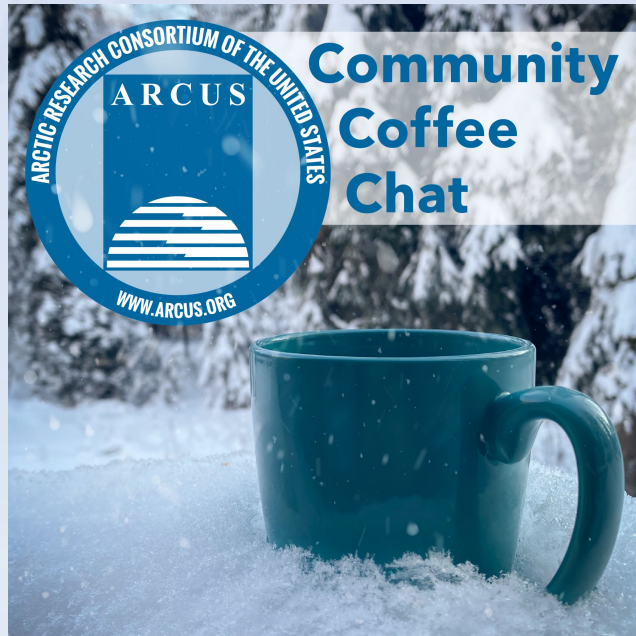
Mouse over that number to show the “Join” option. Click to Join.

BREAKOUT DISCUSSIONS IN PROGRESS • 9:45-10:45AM AK

- **Collaborative/Transdisciplinary Research**
 - Group 1A: Diane Hirshberg & Jim Hemsath
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THE ZOOM MEETING HOST WILL HELP YOU ACCESS THE CORRECT BREAKOUT ROOM FOR YOUR DISCUSSION

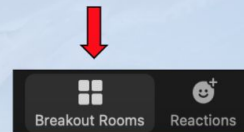
20 MINUTE BREAK



We invite you to join the “Community Coffee Chat” Breakout Room, if you would like to continue chatting with your colleagues during the break!

1

Click on the “Breakout Rooms” icon at the bottom of your Zoom window.



2



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Mouse over that number to show the “Join” option. Click to Join.

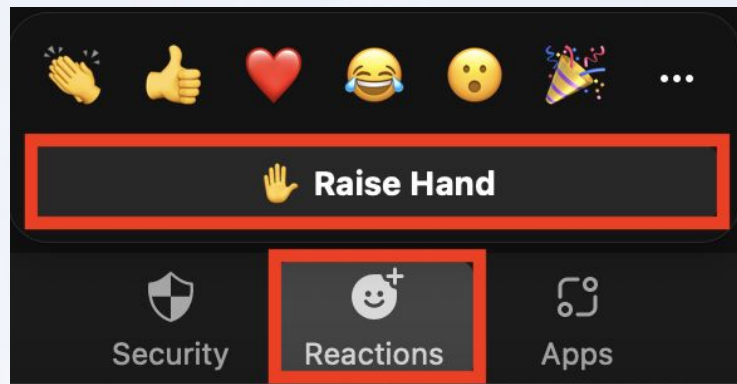
GROUP REPORTS

- **Collaborative/Transdisciplinary Research**
 - Group 1A: Diane Hirshberg & Jim Hemsath
 - Group 1B: Pips Veazey & David Cairns
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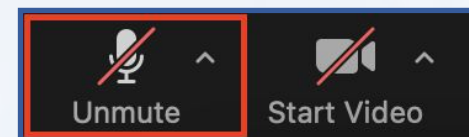


Q & A / DISCUSSION

- To participate in this Q & A/Discussion period, you may either **type your questions in the chat box or raise your hand.**
- The host will select and read questions typed into the chat box.
- When raising your hand, the host will call on you and you may unmute yourself and ask your question.
- If you are calling in, you can raise your hand by pressing *9 and then pressing *6 to unmute/mute yourself again.



1. Click the Reactions icon
2. Click the “Raise Hand” icon on the Reactions window
3. Click “Unmute” when the host calls on you



NEXT STEPS

- Brief report from this meeting
 - Will circulate draft for your input
 - Distribute widely
- ARCUS will reference for recommendations to incorporate/launch in this upcoming year
- Source for anyone to draw on



OPPORTUNITIES TO STAY INVOLVED

- **Become an ARCUS member!**
<https://www.arcus.org/arcus/member-information>
 - Monthly report to keep up with ARCUS & member happenings
- Participate in project activities and events, volunteer to be a webinar speaker, contribute to *Witness the Arctic* newsletter, committee memberships



SAVE THE DATES

**Save The
Date!**

- **ARCUS Board Call for Nominations** - later this month!
- **Community & Citizen Science virtual networking webinar:**
November 30th at 9am AK:
<https://www.arcus.org/meetings/2021/arctic-ccs-webinar>
- **ArcticNet panel on “Crossing the Borders of U.S.-Canada Collaborative Research”** w/Association of Canadian Universities for Northern Studies (ACUNS) December 9th, 1:30-2:45pm ET
- **AGU Fall Meeting** - ARCUS talks, online schedule for Arctic sessions and Indigenous/Traditional Knowledge presentations



ANNUAL MEETING EVALUATION

Please take a few minutes to tell us about your experience today before you go!



Evaluation Survey Link:

<https://www.surveymonkey.com/r/NC3SFHX>

PRIZES!

Winners Announced!



Thank You!



Stay online for informal networking!



arcus.org

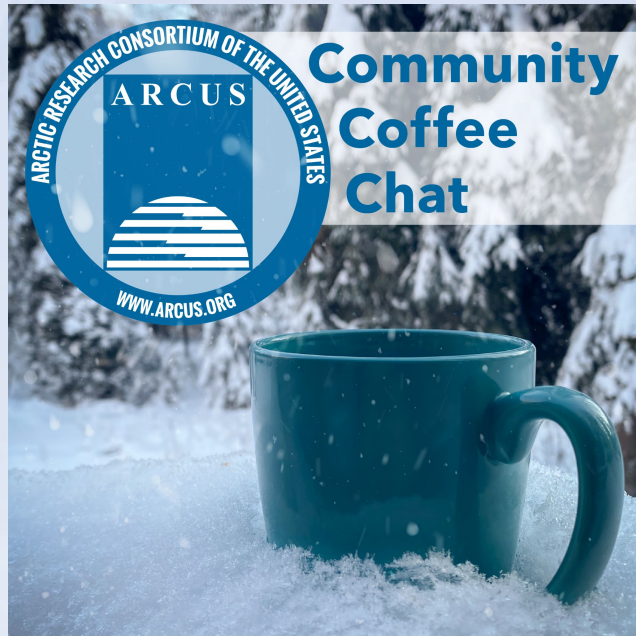


facebook.com/arcticresearchconsortium



[@ArcticResearch](https://twitter.com/ArcticResearch)

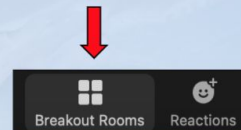
INFORMAL NETWORKING UNTIL 12PM AK



We invite you to join the “Community Coffee Chat” Breakout Room, if you would like to continue chatting with your colleagues for the remainder of the hour.

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Thank You!