

Arctic Climate Summit

August 20-21, 2024

Fairbanks, Alaska

**Leaders in partnership for the future
of the Arctic**

University of Alaska, Fairbanks
Margaret Murie Building
2090 Koyukuk Drive



FEMA



CASR Center for Arctic
Security & Resilience

Agenda

Session 1: Tuesday, August 20, 2024	
8:30 AM	Welcome: Dr. Daniel M. White, Chancellor, University of Alaska Fairbanks; Dr. Cameron Carlson, Dean of College of Business & Security Management (UAF)
8:45 AM	Presentation: The Impact of the Alaska Native Claims Settlement Act – Michelle Demmert, (Chief Justice for the Central Council of Tlingit and Haida Tribes) <i>A critical overview of Alaska’s unique landscape of Alaska Native Tribes, Native corporations, and native-led organizations resulting from the Alaska Native Claims Settlement Act (ANCSA). This presentation will provide a brief overview of ANCSA and how Tribes, Corporations, and organizations co-exist and their roles in the communities.</i>
9:15 AM	Post Presentation Reflection
9:20 AM	Presentation: Landscape of Tribal Communities – Dr. Adelheid Hermmann, Ed.D. (Post Doctoral Researcher, Alaska Center for Climate Assessment & Policy - International Arctic Research Center) <i>To inform future engagement strategies, this presentation will address capacity limitations at Tribal organizations; the complex governing system within Alaska Tribes; and climate grief that individuals and communities may experience while facing the potential destruction of lifeways, sacred lands, and personal and community property.</i>
9:55 AM	Post Presentation Reflection
10:00 AM	Break/Networking
10:15 AM	Presentation: Rural, Remote, and Geographically Isolated – Daryl Schaffer, Ph.D. student (Natural Resources and Sustainability Program, UAF) <i>Most current disaster planning, response, and recovery doctrine is based on two population locations: urban and rural. This presentation will look at the significant gap that exists between what is considered rural, how remote is beyond that, and the reality of being geographically isolated.</i>
10:25 AM	Discussion: Equity and Disproportionately Impacted Communities
10:55 AM	Session 1 Reflection
11:15 AM	Lunch Break

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Session 2: Tuesday, August 20, 2024	
12:15 PM	<p>Presentation: Alaska, Extreme Heat, and Health – Dr. Gayle Kouklis, M.D. (FEMA Extreme Heat Fellow, University of Colorado Climate Change and Health Sciences Fellowship)</p> <p><i>A brief overview of the far-reaching impacts of climate change, ranging from increasing temperatures, permafrost thaw, wildfires, and marine changes on health of Alaskans with a focus on actionable interventions to support and improve health and well-being.</i></p>
12:45 PM	<p>Presentation: Fifth National Climate Assessment (FNCA) Alaska Chapter – Dr. Henry P. Huntington, Ph.D., (Director, Arctic Science Ocean Conservancy)</p>
1:15 PM	<p>Post Presentation Reflection</p>
1:25 PM	<p>Presentation: Coastal Erosion Modeling – Dr. Alec Bennett, Ph.D. (Research Associate & Faculty, College of Business & Security Management, University of Alaska, Fairbanks); Dr. Erin Trochim, Ph.D. (Research Assistant Professor, University of Alaska, Fairbanks)</p>
1:55 PM	<p>Presentation: Localizing Global Climate Data in Alaska: Concepts and Applications – Dr. Peter Bienek, Dr. Rick Lader, (International Arctic Research Center, University of Alaska, Fairbanks)</p>
2:25 PM	<p>Post Presentation Reflection</p>
2:30 PM	<p>Break/Networking</p>
2:45 PM	<p>Permafrost Thaw and Degradation in Alaska – Dr. Alexander (Sasha) Kholodov, (Research Assistance Professor, Permafrost Laboratory, University of Alaska, Fairbanks)</p>
3:15 PM	<p>Discussion: Data and Research Sources, Needs, and Limitations</p>
3:45 PM	<p>Session 2 Reflection</p>
4:00 PM	<p>Adjourn</p>

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Session 3: Wednesday, August 21, 2024	
8:30 AM	Welcoming Remarks & Reflection on Day 1
8:40 AM	Government Initiatives - Tribal Perspective: Tammy Jones, Grants Administrator, Native Village of Ouzinkie <i>A tribal perspective on the impact of recent government activities focused on the Arctic and the incentivized burden on tribal communities.</i>
8:55 AM	Panel Discussion: Arctic Resilience Strategies - Federal/State/Tribal <i>Hear the perspective, priorities, and challenges from federal, state, and tribal leaders on engagements in the Arctic to build resilience and address the impacts of climate change.</i>
9:55 AM	Break/Networking
10:10 AM	Presentation: Arctic Security Threats – Dr. Troy Bouffard, Ph.D. (Director, Center for Arctic Security & Resilience)
10:40 AM	Post Presentation Reflection
10:45 AM	Discussion: Emerging Risk in the Arctic due to Climate Change
11:15 AM	Session 3 Reflection
11:30 PM	Lunch Break

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Session 4: Wednesday, August 21, 2024	
12:30 PM	Presentation: Presenter to be confirmed
1:00 PM	Presentation: FEMA Recovery Programs – Trevor Jordan, Recovery Division Director, FEMA Region 10 <i>A brief introduction to the declaration process, FEMA’s major programs of assistance, and recent changes and developments to how that assistance can be delivered to communities and individuals.</i>
1:45 PM	Post Presentation Reflection
1:50 PM	Break/Networking
2:05 PM	Presentation: Protocols and Laws in Alaska – Crystal Hill-Pennington, J.D. (Faculty, College of Business & Security Management) <i>Understanding ethical engagement with Arctic communities and the unique laws and regulation structures that directly impact resilience of these communities.</i>
2:35 PM	Post Presentation Reflection
2:30 AM	Discussion: Current Efforts in the Arctic and Opportunities for Synchronization
3:00 PM	Closing Discussion: Potential Future Actions and Solutions; Future Topics and Informational Needs
3:30 PM	Depart for Permafrost Tunnel Tour
