

## DRAFT Agenda United States Arctic Research Commission's 115th Meeting Fairbanks, AK October 25-26, 2022

501 Akasofu Building, University of Alaska Fairbanks, AK 99517 Commission will receive public comments from 11:30 am to noon on October 26th, 2022

> Call in information for audio-only listening and public input session: Phone: (267)930-4000 Participant code: 333977104

Tuesday, October 25th

**8:30 – 9:15** A.M. **Meeting convenes:** Welcome and introductions by M. Sfraga (*Chair, USARC*)

Approval of meeting agenda

Univ. of Alaska Fairbanks senior official welcome (Chancellor D. White, UAF) International Arctic Research Center (Founding Director IARC, Syun-Ichi Akasofu)

State of Alaska welcome (Lt. Gov. K. Meyer, State of Alaska) OSTP Update (Deputy Director OSTP, A. Nelson, OSTP) IARPC Update (Assistant Director OSTP, L. Hinzman, OSTP)

9:15 – 9:30 A.M. USARC Goals Report introduction (M. Sfraga, Chair, USARC)

9:30 – 10:30 A.M. Goal 1: Environmental Risks and Hazards

Alaska Geophysics Arctic Observing Network (M. West, Geophysical Institute/UAF)

Wildfires (R. Jandt, Int'l Arctic Research Center/UAF)

Permafrost Risk & Hazards Study (W. Schnabel, College of Engineering & Mines/UAF)

10:30 – 10:45 A.M. Break

10:45 – noon Goal 2: Health and Well-being

Decoding Pathogens in Permafrost (*D. Drown, Inst. of Arctic Biology/UAF*)
An integrative explanatory model of prenatal care in interior AK (*E. Drew, Anthro./UAF*)
Update on the Alaska Native Collaborative Hub for Research on Resilience (ANCHRR)
(*S. Rasmus, Center for Alaska Native Health Research, Inst. of Arctic Biology/UAF*)

Update on the AK Native Language Center (H. Peter, AK Native Language Ctr./UAF)

noon – 1:00 P.M. Break

1:00 – 2:00 P.M. Goal 3: Infrastructure

Arctic Enviro. & Engin. Data & Design Support Sys. (S. Rupp, Int'l Arctic Res. Ctr./UAF) Determining the impact of climate change on the supply and variability of local renewable energy (U. Bhatt and David Newman, Geophysical Institute/UAF)

Arctic Development Infrastructure Center (W. Connor, College of Eng. & Mines/UAF)

2:00 – 3:00 P.M. Goal 4: Economic Research

Alaska Blue Economy Center (J. Sternberg, UAF)

"Permafrost Grown" Project (G. Gannon, Inst. for Ag., Natural Resources & Extension/UAF)

Small-Scale Nuclear Energy in the Arctic (G. Roe, Arctic Energy Office/DOE)

3:00-3:30 P.M. Break

3:30 – 4:30 P.M. Goal 5: Arctic Research Cooperation

Alaska Arctic Observatory & Knowledge Hub (*D. Hauser, Int'l Arctic Res. Center/UAF*) Community & Enviro. Compliance SOP for *R/V Sikuliaq Res.* Ops. (*S.B. Moran, CFOS/UAF*) Cooperation on Permafrost Networks (*T. Bouffard, Coll. of Business & Sec. Manag./UAF*)

4:30 – 5:00 P.M. Discussion

5:00 P.M. Meeting adjourns

Wednesday, October 26th

**8:30 – 8:45** A.M. **Meeting reconvenes:** Brief welcome and introduction by M. Sfraga (*Chair, USARC*),

USARC-115th-Agenda.pdfand N. Labelle-Hamer (Vice Chancellor for Research, UAF)

8:45 – 9:15 A.M. Commissioner Reports

9:15 – 10:30 A.M. Yukon River Salmon Crisis

Well-being, Culture and honoring Tribal Governance of Fisheries (B. Woods, Yukon River

Intertribal Fish Commission)

Shrunken Yukon salmon and their rapidly changing environment (P. Westley, College of

Fisheries and Ocean Sciences/UAF)

State of Alaska's research on Yukon River salmon stocks (K. Howard, Alaska Department of

Fish & Game)

Where have all the Chum salmon gone? A review of integrated ecosystem research in the

Northern Bering Sea (E. Farley, National Oceanic and Atmospheric Admin.)

10:30 - 10:45 A.M. Break

10:45 – 11:30 P.M. Updates from Federal, State, and other organizations

Arctic Observing Network/Arctic research budget crosscut (L. Hinzman, OSTP)

National Science Foundation update (N. Sung, NSF)

Update on "To Build A Fire," The Alaska Science and Technology Plan from the AK State

Committee. for Research (P. Layer, UA)

Arctic Research Consortium of the US update (H. Wiggins, ARCUS)

**11:30 – noon Public Comment Session** (Phone: (267)930-4000 Participant code: 333977104)

noon Meeting Adjourns