PARTICIPANT BIOS

Bernadette Adams
Utqiaġvik, Alaska

Director, Capital Improvement Program Management, North Slope Borough

Bernadette Adams was born and raised in Barrow. She holds a Bachelor's degree in Civil Engineering from UAF and has been working as Director of CIPM for the last six years.

Michel Allard, PhD
Québec, QC, Canada

Professor Emeritus, Université Laval, Geography

Michel Allard is professor emeritus of geomorphology and permafrost science at the Department of Geography of Laval University. He is a member of Centre d'études nordiques since 1979. He built up his expertise in permafrost science and engineering over years of doing research in northern Québec and in the Canadian Arctic. Over the last 20 years, he got particularly involved in permafrost research applied to transportation infrastructure, mostly airports, and to adaptation of Inuit communities to climate change.

Rebecca Beavers, PhD
Littleton, Colorado

Climate Policy Specialist, US Department of Transportation, Office of the Secretary

Rebecca Beavers is a climate policy specialist with the Office of the Secretary in the U.S. Department of Transportation (DOT). Dr. Beavers serves on the Federal Steering Committee of the 5th National Climate Assessment. She has developed a Climate Adaptation Checklist for DOT grant programs and is conducting a DOT-wide Adaptation and Resilience Review. For 22 years, she served as the Coastal Geology and Adaptation Coordinator for the US National Park Service, playing an essential role in coordinating, piloting, and implementing climate change adaptation efforts in a rapidly changing landscape.

Matt Billings, PE, MS
Fairbanks, Alaska

Northern Region Geotechnical Engineer, Alaska Department of Transportation & Public Facilities

Matt billings earned both a Bachelor's and Master's Degree in Geological Engineering from the University of Alaska Fairbanks College of Engineering and Mines. He has approximately 15 years of Geotechnical Engineering experience in Alaska that includes roughly ten years in the Alaska Department of Transportation & Public Facilities Northern Region Materials Section. During his career, Billings has gained experience in designing highway infrastructure on permafrost in arctic and subarctic regions of Alaska. This experience includes employing design innovations that either preserve permafrost beneath highway embankments or facilitate the embankment in withstanding movement and distress that results from degradation of underlying permafrost.

Kevin Bjella, PE *Fairbanks, Alaska*	**Research Arctic Civil Engineer, Cold Regions Research and Engineering Laboratory, Arctic Infrastructure and Climate Warming** Kevin Bjella specializes on advancing techniques for infrastructure in frozen and very cold regions. His latest work involves advancing techniques for optimum design of installations and structures, with incorporation of climate warming mitigation strategies. He has conducted projects and construction at most of the remote Arctic installations of Alaska, Canada and Greenland, and overwintered at both South Pole and McMurdo Station Antarctica. He has lived in Alaska for over 30 years and worked at CRREL for 20 years. Bjella received his BS in Geological Engineering and MS in Arctic Civil Engineering from the University of Alaska, Fairbanks.
Yves Brower *Utqiaġvik, Alaska*	**Assistant Superintendent, Barrow Utilities and Electric Coop, Water and Sewer** Yves Brower has worked 18 years in water and sewer in Barrow, six years in the villages, and has traveled all over the North Slope. He has helped make multiple ice cellars and done other construction in the Arctic, including core drilling for gravel needs and off shore dredging. Brower has installed thermistors in Barrow and villages and recorded reads from them. He is a heavy equipment operator and has done extensive hunting and traveling in Alaska and Northern Canada.
Malinda Chase, MA *Fairbanks, Alaska*	**AK Tribal Climate Resilience Liaison, Alaska Climate Adaptation Science Center, International Arctic Research Center, University of Alaska Fairbanks** Malinda Chase serves as a link between Alaska's Tribes, the climate adaptation and research communities, and partnering organizations and agencies, including BIA's Tribal Climate Resilience Program. She assists Alaska Tribes in preparing for and responding to climate impacts, especially expanding tribal capacity and action grounded in self-determination.
Leena Cho, MLA *Charlottesville, Virginia*	**Assistant Professor / Director, Arctic Design Group, University of Virginia, Landscape Architecture** Leena Cho is an Assistant Professor and Graduate Program Director in the Department of Landscape Architecture at the University of Virginia School of Architecture, and Co-Director of Arctic Design Group (ADG). Her research focuses on design agencies of arctic environments, and scientific practices that produce emerging forms of cultural landscapes in the age of climate change. Integrating wide-ranging disciplines and modes of collaboration into the design research, her work spans from Alaska to Siberia, and has been funded by numerous cultural and governmental organizations. In parallel with her design offices, Kutonotuk and Temp Agency, her work has been published and exhibited internationally.

Billy Connor, PE, MSEM
Fairbanks, Alaska

Director, Arctic Infrastructure Development Center, Institute of Northern Engineering, University of Alaska Fairbanks, Civil Engineering

Billy Connor worked as a transportation registered professional engineer for the Alaska Department of Transportation and Public Facilities for over 30 years. Much of that time was spent managing the Department's research program. One of his primary focus areas was the design, construction and maintenance of roadways and airports on permafrost. During that time, he learned the impact of engineered structures on the surrounding permafrost is pronounced and that that impact affects the performance of the infrastructure. Upon his retirement (2005), Connor joined the University of Alaska Fairbanks as the Director of the Alaska University Transportation (now the Alaska Infrastructure Development Center) where he manages the Institute of Northern Engineering infrastructure program which averages over $2 million annually in research. He recently led the development of a synthesis of practice for building and maintaining roads and airports over permafrost. Connor has been working with the Village of Point Lay since 2014 to understand the failing infrastructure and to seek solutions to those failures.

Aaron Cooke
Fairbanks, Alaska

Architect & Project Manager, National Renewable Energy Laboratory, Alaska

Aaron Cooke is the Program Manager for the Sustainable Northern Communities Program at the National Renewable Energy Laboratory (NREL)'s Alaska campus. He has worked throughout the circumpolar north, with projects in Alaska, Canada, Denmark, Greenland, Iceland, Norway and Russia. His experience in rural Alaska includes residential design and construction, construction management, housing analysis and remediation, energy planning, disaster preparedness, disaster response, water and sanitation design, workforce training, and logistics/procurement management. Cooke is a licensed Architect and teaches northern architecture and engineering at the University of Alaska Fairbanks, the University of Washington, and the Danish Technical University of Greenland. He was born and raised in Alaska.

Ronald Daanen, PhD
Fairbanks, Alaska

Geologist, AK-DNR DGGS, Hydrology and Surficial Geology

Ronnie Daanen has 28 years of experience with cold climate hydrology with degrees in Wastewater Engineering, Agricultural Engineering (Wageningen University) and Water Resources Science (University of Minnesota). He worked for nine years at the University of Alaska in the Geophysical Institute Permafrost Laboratory and the Water and Environmental Resources Institute. Dr. Daanen currently works in the Alaska Department of Natural Resources Division of Geological & Geophysical Surveys on the effects of climate change on the environment and its effects groundwater resources and permafrost degradation. One ongoing project is the development on a landscape-scale hydrological model that can simulate the effects of permafrost and permafrost degradation. Another current study involves the simulation of movement in Frozen Debris Lobes along the Dalton Highway.

Scott Danner *Utqiaġvik, Alaska*	**Director, Public Works, North Slope Borough, Department of Public Works** As NSB Director of Public Works, Scott Danner brings more than 40 years of Arctic experience in planning, building, and managing construction projects. He has experienced first-hand the changes in permafrost and its consequences. His leadership and collaborative approach have enabled him to work effectively with stakeholders at all levels to prioritize and execute critical projects. His dedication and commitment to community service underpins his current role as public servant.
David Engel, MSHLS, MSHCM *Utqiaġvik, Alaska*	**Assistant Emergency Manager, North Slope Borough, Risk Management/Emergency Management** David Engel is an experienced Emergency Management Practitioner who has worked at many levels of government and at several sovereign nations to assure that those entities are as prepared as possible for the plethora of disasters that can occur. He holds a Master's Degree in Emergency Management/Homeland Security as well as a Master's in Healthcare Management. He currently is employed as the Assistant Emergency Manager for the North Slope Borough in Alaska.
Howard Epstein, PhD *Charlottesville, Virginia*	**Professor, University of Virginia, Environmental Sciences** Howard Epstein is Professor and Chair of the Department of Environmental Sciences at the University of Virginia, specializing in the ecology of arctic tundra, dry grasslands and shrublands, and temperate forests. His research focus is on vegetation dynamics, nutrient cycling, and plant-soil-atmosphere interactions. Dr. Epstein received his Ph.D. in Ecology from Colorado State in 1997. He conducted postdoctoral studies at the Institute of Arctic and Alpine Research at the University of Colorado. He led the annual production of the Tundra Greenness essay for the NOAA Arctic Report Card from 2012-2018. He served on the Board of Directors for the Arctic Research Consortium of the U.S. from 2013-2019.
Li Erikson, PhD *Santa Cruz, California*	**Research Oceanographer and Coastal Engineer, USGS, Pacific Coastal & Marine Science Center** Li Erikson is a research oceanographer and coastal engineer with a focus on nearshore processes, coastal inundation, wave mechanics, climatology, and climate change. Current research activities include projecting the response of coastal systems to climate change via combined deterministic and numerical modeling approaches. Dr. Erikson has been conducting research along the North Slope since 2009, and has recently extended that geographic scope to the west coast of Alaska.

Scott Evans *Utqiaġvik, Alaska*	**Director, North Slope Borough Port Authority** Scott Evans moved to then Barrow in 1991 and started working for the North Slope Borough soon after arriving. He has held a number of positions with the NSB since then, currently serving as the Director of Port Authority. He and his wife, Nicole, have six children and nine grandchildren. Evans earned his MBA from Missouri State University.
Celso Ferreira, PhD, PE *Fairfax, Virginia*	**Associate Professor, George Mason University, Civil, Environmental and Infrastructure Engineering** Celso Ferreira is an Associate Professor in the Civil, Infrastructure and Environmental Engineering Department at George Mason University and leads the Mason Flood Hazards Research Lab. Dr. Ferreira holds a PhD from Texas A&M University in Civil Engineering specializing in water resources and coastal engineering and is a registered Professional Engineer. His research focus on flood hazards and climate adaptation with nature-based solutions. He was a Visiting Scholar at Stanford University and an Associate Researcher at the USGS National Research Program. Dr. Ferreira is currently part of the author team for the 5th National Climate Assessment Coastal Effects Chapter with the US Global Change Research Program (USGCRP).
Robbin Garber-Slaght, PE *Fairbanks, Alaska*	**Researcher IV, National Renewable Energy Lab, Alaska Campus** Robbin Garber-Slaght is a research engineer at the Alaska Campus of the National Renewable Energy Lab in Fairbanks. Her background is in mechanical and cold climate engineering. She has 14 years of experience with building energy efficiency improvements and cold climate heating systems. Her most recent work has been on cold climate heat pumps and energy recovery ventilators in the sub-Arctic.
Jessica Garron, PhD *Fairbanks, Alaska*	**Deputy Director/ Research Faculty, Alaska Climate Adaptation Science Center, International Arctic Research Center, Remote-sensing in Decision-making** Jessica Garron works with a broad spectrum of scientists, community members, agency partners and industry representatives to apply science-based solutions to decision-making. Dr. Garron's primary work identifies remote sensing and drone-based technological solutions to address community, scientific and operational problems focused on the circumpolar Arctic and to serve as a knowledge broker of those solutions. In her current role as research faculty at the International Arctic Research Center and as the Deputy Director of the Alaska Climate Adaptation Science Center, she connects operational and community-based end users with actionable, geospatial, and model-based science information to support climate change adaptation planning and response.

Griffin Hagle-Forster, CEM *Utqiaġvik, Alaska*	**Chief Executive Officer, Tagiuġmiullu Nunamiullu Housing Authority, Affordable Housing** Griffin Forster was born at 342 parts per million (ppm) of atmospheric carbon dioxide. He discovered his ecological consciousness in a crawlspace at 381 ppm, weatherizing low-income homes. For six years, during which CO2 concentrations rose from 400 ppm to 415 ppm, he lived in Utqiaġvik. He currently serves as the CEO of Tagiuġmiullu Nunamiullu Housing Authority.
Travis Holmes, PE *Anchorage, Alaska*	**Principal Engineer, UMIAQ Design/North Slope Borough, Civil & Environmental** As a utility and sanitation engineer, Travis Holmes has spent most of his career on the North Slope of Alaska. He has spent numerous winters in Point Lay, Wainwright and Barrow for work and has observed underground conditions (an unintended project) and community impacts first hand.
Thomas Ingeman-Nielsen, PhD *Lyngby, Denmark*	**Associate Professor, Technical University of Denmark, Department of Environmental and Resource Engineering** Thomas Ingeman-Nielsen specializes in Arctic Technology with expertise in Arctic site investigations and geophysical mapping of permafrost, mechanical properties of frozen ground, and climatic impacts and risk assessment on arctic infrastructure and constructions. His work focuses on permafrost conditions and infrastructure impacts in Greenland. Dr. Ingeman-Nielsen is involved in the engineering program taught in Sisimiut, Greenland, and he is the Vice Chair of the Greenland Research Council.
Benjamin Jones, PhD *Fairbanks, Alaska*	**Research Assistant Professor, University of Alaska Fairbanks, Institute of Northern Engineering** Benjamin Jones is a research assistant professor at the Institute of Northern Engineering, at UAF where he combines the use of GIS and remote sensing techniques with field observations and laboratory analyses to study Arctic and Sub-Arctic Systems across a multitude of spatial and temporal scales. He is interested in present as well as past permafrost region landscape dynamics and the various landscape-level impacts to hydrological, ecological, and physical systems. Dr. Jones earned his MA in Geography in 2006 from the University of Cincinnati and his PhD from UAF in 2013 in Interdisciplinary Studies - Geosciences. Jones has worked in Utqiaġvik and across the land of the North Slope's Iñupiat people for more than 20 years. He is fascinated by the landscape, the wildlife, and the culture of this beautiful region. Since 2007, he has renovated the Old NARL cabin to develop the Teshekpuk Lake Observatory for ongoing landscape and ecosystem studies. Other current projects include investigations of thermokarst lake drainage and ice-rich permafrost systems on the North Slope. Jones coordinates an international network of researchers studying permafrost coastal systems. He owes his career to the people of Utqiaġvik.

Matthew Jull, PhD *Charlottesville, Virginia*	**Associate Professor / Director, Arctic Design Group, University of Virginia, Architecture** Matthew Jull is an Associate Professor of Architecture at the UVA School of Architecture, co-director of the Arctic Design Group (ADG), and a principal of the design practice KUTONOTUK. With a background in geophysics, Dr. Jull's research explores the design of buildings, cities, and infrastructure within the frame of climate change, extreme environments, emergent technologies, and the increasing friction between the built environment and the forces shaping our planet. Funded by grants from the National Science Foundation, among others, Jull is involved in collaborations throughout the Arctic region, and his work has been featured in numerous publications, exhibitions, and symposia.
Jimmie Kagak *Wainwright, Alaska*	**Vice Mayor, Fire Chief, City of Wainwright** Jimmie Kagak has served in the public sector for almost 30 years and has been with the Wainwright Volunteer Fire Department going on 29 years. He is currently Fire Chief with an Alaska Fire Fighter II certification and Vice Mayor of the City of Wainwright. Through various forms of service in his career as a public servant, Kagak works to further help his community.
Mikhail Kanevskiy, PhD *Fairbanks, Alaska*	**Research Associate Professor, University of Alaska, Institute of Northern Engineering** Mikhail Kanevskiy is a Research Assistant Professor in the Institute of Northern Engineering at the University of Alaska Fairbanks. His work focuses on studies of structure and properties of permafrost (first of all, distribution and content of various types of ground ice in the upper permafrost), permafrost-related geological hazards, and engineering and environmental problems in the areas of ice-rich permafrost. Dr. Kanevskiy has performed fieldwork in various parts of Siberia, Alaska, and northern Canada.
Moritz Langer, PhD *Amsterdam, Netherlands*	**Associate Professor, Vrije Universiteit Amsterdam, Department of Earth Sciences** Moritz Langer currently holds a position as Associate Professor at the Vrije Universiteit Amsterdam. Previously, Dr. Langer was leader of the young investigator group PermaRisk at the Alfred Wegener Institute Helmholtz Centre for Polar and Marine Research (AWI). The focus of his research is on modeling rapid and nonlinear landscape changes in Arctic permafrost regions and their impacts on infrastructure, human livelihoods, and ecosystem functions. Another research area of interest is the interplay between permafrost, hydrology, and the mobilization of contaminants.

Alec Luhn *London, England*	**Journalist** Alec Luhn is an award-winning journalist focused on climate, conflict and migration who has published in The Atlantic, National Geographic, TIME and others. As a Moscow correspondent for the Guardian, Telegraph and VICE News, he reported from a town invaded by polar bears, the only floating nuclear power plant and the coldest permanently inhabited place on earth. On permafrost thaw, he broke the news of the Yamal anthrax outbreak internationally, filmed with mammoth tusk hunters in Yakutia and discovered 100 crumbling buildings had been evacuated in Norilsk. He studied Arctic climate as a Scripps environmental journalism fellow at University of Colorado Boulder.
Lorene Lynn, MS *Palmer, Alaska*	**Principal Scientist, Red Mountain Consulting, Soil Scientist / Restoration Ecologist** Applied scientist Lorene Lynn provides ecological restoration services in Alaska as the owner of a consulting firm. Her work builds upon graduate research with Dr. Chien-Lu Ping studying permafrost soils along the eroding Beaufort Sea coast and extensive experience with rehabilitation in the North Slope oilfields. She provides expertise in planning, stakeholder engagement, construction, restoration implementation, long-term monitoring, and adaptive management to clients that include government agencies, nongovernmental organizations, and the private sector. Lorene formerly chaired the North Slope Science Initiative's (NSSI) Science Technical Advisory Panel (STAP). She lives in Palmer, Alaska, where she enjoys skiing, hiking, and other outdoor activities.
Liza Mack, PhD *Anchorage, Alaska*	**Program Manager, Denali Commission, Village Infrastructure Protection** Liza Mack is Unangax, born and raised in King Cove, Alaska. She graduated with her PhD in Indigenous Studies from UAF in 2019. Her research focused on political ecology, natural resource management, knowledge transfer, and engagement of Native communities in regulatory processes. She has over 20 years of experience working in and around Indigenous organizations and communities. Dr. Mack is the Transportation and VIP Program Manager at the Denali Commission. The Denali Commission is dedicated to building and maintaining infrastructure in Rural Alaska. Prior to joining the Commission, Liza served as the Executive Director of the Aleut International Association.
Patrick Mahoney *Whitehorse,* *Yukon Territory*	**Program Manager - Surfaces and Culverts, Yukon Government, Highways and Public Works** Patrick Mahoney is a Program Manager for the Yukon Government working in Asset Management. Mahoney manages the Yukon's highway surface network, drainage culverts and manages projects for the Yukon's airport runways. Many of these assets are presented with unique challenges as a result of permafrost degradation.

Eileen Martin, PhD *Denver, Colorado*	**Assistant Professor, Colorado School of Mines, Department of Geophysics and Department of Applied Math and Statistics** Eileen Martin is an assistant professor of geophysics and applied math and statistics at Colorado School of Mines. She holds BS degrees in mathematics and computational physics, an MS in geophysics, and a PhD in computational and mathematical engineering. Dr. Martin's research focuses on scalable methods for near-surface geophysics, particularly distributed fiber optic sensing techniques and fast computational methods for geophysical data analysis. Currently she is co-PI of a multi-year study focused on monitoring fine-scale changes in permafrost in Utqiaġvik.
Elise Miller-Hooks, PhD *Fairfax, Virginia*	**Professor, George Mason University, Civil, Environmental, & Infrastructure Engineering** Elise Miller-Hooks holds the Bill and Eleanor Hazel Endowed Chair in Infrastructure Engineering and is Interim Department Chair of the Sid & Reva Dewberry Department of Civil, Environmental & Infrastructure Engineering at George Mason University. She is an advisor to the World Bank and founding Editor-in-Chief of Elsevier's Sustainability Analytics and Modeling journal. She previously served as a program director at the U.S. National Science Foundation and on the faculties of the University of Maryland, Pennsylvania State University and Duke University. Dr. Miller-Hooks received her Ph.D. in Civil Engineering from the University of Texas – Austin and B.S. in Civil Engineering from Lafayette College.
Pat Neakok *Utqiaġvik, Alaska*	**Deputy Director, North Slope Borough, Housing** Pat Neakok was born and raised in Barrow, Alaska.
Dmitry Nicolsky, PhD *Fairbanks, Alaska*	**Research Associate Professor, University of Alaska Fairbanks, Geophysics** Dmitry Nicolsky models the response of permafrost temperature to climate warming. Dr. Nicolsky is a research associate professor with the Geophysical Institute Permafrost Lab at the University of Alaska Fairbanks. He is currently engaged in projects monitoring permafrost temperatures in Utqiaġvik, Wainwright, Point Lay and Prudhoe Bay, Alaska. Dr. Nicolsky received his PhD in Numerical Modeling of Natural Systems from the University of Alaska Fairbanks in 2007.
Chastity Olemaun *Utqiaġvik, Alaska*	**Director and Land Management Administrator, North Slope Borough, Planning & Community Services** Chastity Olemaun was born, raised and graduated high school in Utqiaġvik, Alaska. She holds a degree in Business Administration and Master's certificate from Alaska Pacific University's Alaska Native Executive Leadership Program. Olemaun has over 15 years' experience in the North Slope oil and gas industry and four years with the North Slope Borough.

Jana Peirce *Fairbanks, Alaska*	**Project Coordinator, University of Alaska Fairbanks, Institute of Arctic Biology, Alaska Geobotany Center** Jana Peirce is a project coordinator, communications specialist, and data manager at the Alaska Geobotany Center, University of Alaska Fairbanks. She coordinates research activities for an NSF Navigating the New Arctic project focused on ice-rich permafrost systems in Prudhoe Bay and Point Lay, Alaska. Prior to joining UAF full-time in 2019, Peirce was a senior consultant with an Alaska public policy and management consultancy providing research-based consulting, planning, web and graphic design services to clients throughout rural and urban Alaska.
Autumn Poisson, MSE *Anchorage, Alaska*	**Geologist, State of Alaska, Division of Geological and Geophysical Surveys** Autumn Poisson is a Coastal Hazards Geologist with the State of Alaska Division of Geological and Geophysical Surveys (DGGS). She is originally from Michigan where she studied environmental science at the University of Michigan and later, coastal engineering at North Carolina State University with a focus in hurricane storm surge modeling. Poisson has experience working in the natural resource field in environmental education and communication, watershed management, and project management as well as in coastal erosion modeling before making her way to Alaska in June 2022. Her research interests include coastal modeling of storm surge flooding and erosion along the Alaskan coastline.
Jennifer Robinette *Anchor Point, Alaska*	**Alaska Region Tribal Climate Resilience Coordinator, Bureau of Indian Affairs** Jennifer Robinette was born in Homer and raised in Anchor Point by Al and Grace Poindexter. She lives and works there with her children Charles and Thelma, her partner Quentin Simeon, and his kids Ashlynn, Stormy and Emerson. Before working for BIA Robinette worked as the Environmental Coordinator for a Tribe in Bristol Bay. She has also worked at the Reindeer Research Program and in Alaska Conservation Districts as an Invasive Plant Coordinator. Robinette receives her education every day by living on the land and by listening to the numerous tribes she works with. She uses this education to inform others who also work for Tribes.
Qinugan Roddy *Utqiaġvik, Alaska*	**Assistant to the Director, North Slope Borough, Planning & Community Services** Qinugan Roddy was born and raised in Barrow, Alaska. She graduated from UAF with my BA in Rural Development, Tribal and Local Government. She is happily married to her husband Jeff. They have four children Logan (15), Eliana (12), Braelyn (9) and Liam (9). Roddy enjoys hunting, beach combing and being out with her family. She also enjoys sewing and learning new things. She just started with NSB Planning & Community Services and is happy to be here.

Vladimir Romanovsky, PhD *Fairbanks, Alaska*	**Professor Emeritus, UAF, Geophysical Institute** Vladimir Romanovsky is a Professor Emeritus in Geophysics at the Geophysical Institute and the Department of Geosciences, University of Alaska Fairbanks. His work involves internationally coordinated research on permafrost temperature changes in Alaska, Russia, Canada, Greenland, Kazakhstan, and Mongolia. He is also involved in numerical modeling of past, present and future permafrost dynamics and the remote sensing of permafrost and periglacial processes. Dr. Romanovsky's research interests include the scientific and practical aspects of environmental and engineering problems involving ice and permafrost. He is the author of 290+ refereed journal publications, many reports, and book chapters.
Steve Rowell *Minneapolis, Minnesota*	**Instructor / Post-Graduate Research Fellow, Minneapolis College of Art & Design, Creative Entrepreneurial Studies** Steve Rowell is an educator and research artist who works with photography, moving image, sound, maps, and spatial contexts. His practice investigates terrains of perception, nonhuman intelligence, extinction, and technology, exploring the landscape as a site of political imagination. Steve contextualizes the morphology of the built environment with the surrounding medium of Nature, appropriating the methods and tools of the geographer and archaeologist. He earned an MFA with distinction from Oxford, a BA from the University of Texas, and became a Guggenheim Fellow in 2019.
William Russell *Fairbanks, Alaska*	**Dalton District Superintendent, Alaska Department of Transportation & Public Facilities, Northern Region Maintenance & Operations** William Russell was born and raised in Alaska. He graduated from Bemidji State University with a Construction Management Emphasis and from the University of Alaska at Fairbanks in their Construction Management program with a Master's Technical Degree. Russell worked for the State of Alaska Department of Transportation in the Construction Section administrating contracts throughout the State mostly along the Dalton Highway for 17 years. For the last 12 years he has worked for ADOT/M&O as the Dalton Area Superintendent responsible to the day-to-day maintenance of DOT-owned roads and airports within this district.

Todd Sformo, PhD *Utqiaġvik, Alaska*	**Wildlife Biologist, North Slope Borough, Department of Wildlife Management** Todd Sformo is a wildlife biologist for the North Slope Borough-Department of Wildlife Management for the past 13 years working on fish, freshwater mold, PFAS, and temperature-related concerns on bowheads to studies on cold fishes in a warming world to support the department's goal of maintaining subsistence activities for the communities of the North Slope. As a Research Scientist II, Institute of Arctic Biology, University of Alaska Fairbanks, he works on antifreeze proteins and ice-nucleating activity in plants and insects. He was an Assistant Professor of Adult Education at Iḷisaġvik College from 1994-1998. He was awarded a Fulbright Scholarship (Fulbright Arctic Initiative, 2018-2019) and has a PhD and MS in biology, an MFA in creative writing, an MA in art history, and a BA in philosophy.
Yuri Shur, PhD *Fairbanks, Alaska*	**Professor, University of Alaska, Civil Engineering** Yuri Shur is a Professor of Civil Engineering at the College of Engineering and Mines at the University of Alaska Fairbanks. He specializes in engineering of foundations in permafrost, the impact of pavement on permafrost, seasonal frost and its impact on structures, mass transfer, properties of frozen and thawing ground, thermokarst, shore erosion, heat transfer, thermal modeling, and thermal design.
Colleen Strawhacker, PhD *Alexandria, Virginia*	**Program Director, National Science Foundation, Office of Polar Programs** Dr. Colleen Strawhacker is a Program Director for the Arctic Sciences Section in the Office of Polar Programs at the National Science Foundation. Dr. Strawhacker earned her PhD in Anthropology from Arizona State University in 2013, where she focused on the archaeology of climate-driven risk to food security in the U.S. Southwest and the North Atlantic. Her expertise includes convergent research approaches spanning the natural and social sciences and developing cyberinfrastructure approaches for the social sciences and Indigenous Knowledge.
Bill Streever, PhD *Mexico*	**Ecology (Independent)** Bill Streever, a biologist, is the award winning and bestselling nature writer behind In *Oceans Deep*, *Cold*, *Heat*, and *And Soon I Heard a Roaring Wind*. He has worked on issues ranging from the environmental effects of underwater sound to the evolution of cave crayfish to the restoration of wetlands in temperate, tropical, and arctic environments. With his wife, marine biologist and photographer Lisanne Aerts, Dr. Streever lives aboard the cruising sailboat *Rocinante*. The two of them are currently in the Pacific and underway on what they describe as "an intentionally slow circumnavigation.

Scott Szmyd *Utqiaġvik, Alaska*	**Chief Administrative Officer, North Slope Borough Mayor's Office** Scott Szmyd moved to the North Slope Borough in 1979. He has lived in Anaktuvuk Pass for most of his time in the North Slope Borough. Szmyd has worked different jobs in several areas of the North Slope Borough and has been in every community several times.
John Thornley, PhD, PE *Anchorage, Alaska*	**Senior Geotechnical Engineer, WSP USA, Permafrost Engineering** John Thornley is a senior geotechnical engineer with more than 17 years of experience in earthquake and permafrost engineering. He is fortunate that the two overlap in Alaska for some very interesting projects. Dr. Thornley contributes his professional knowledge and experience in several different communities, including current positions as Past President of the U.S. Permafrost Association (USPA), Chair of the Municipality of Anchorage Geotechnical Advisory Commission, Chair of the ASCE Cold Regions Engineering Division (CRED) Structures & Foundations Committee, and an Associate Editor for the ASCE Journal of Cold Regions Engineering.
Bill Tracey Sr *Point Lay, Alaska*	**NSB Assemblyman, North Slope Borough / Point Lay** Bill Tracey is a long-time resident of Point Lay and honorary member of the tribe. He is celebrating his 46th year of marriage to Marie Tracey with whom he has raised three sons at Point Lay. Tracey Sr. has been instrumental in the relocation of the village townsite to both locations and continues to provide support with issues affecting infrastructure due to climate change.
Vicky Wolf, MS *Fairbanks, Alaska*	**Program Coordinator, Arctic Infrastructure Development Center, Institute of Northern Engineering, University of Alaska** Vicky Wolf has a Masters in Quaternary Geology from UAF. In her current position, she coordinates the projects associated with the Arctic Infrastructure and Development Center. The most active role is as the Assistance Director of the Alaska Tribal Technical Assistance Program (AKTTAP).
Ming Xiao, PhD *Port Matilda, Pennsylvania*	**Professor, Pennsylvania State University, Department of Civil and Environmental Engineering** Ming Xiao is a Professor of Civil Engineering in the Department of Civil and Environmental Engineering at the Pennsylvania State University. His current research focuses on permafrost degradation, permafrost coastal erosion, and their impacts on civil infrastructure and local communities in the Arctic. He has led collaborative and cross-disciplinary research projects funded by the National Science Foundation, Federal Highway Administration, Department of Interior, and state Departments of Transportation to address infrastructure systems' challenges. He is the President-Elect of the U.S. Permafrost Association (USPA) and chairs the USPA Permafrost Engineering Education Program (PEEP).