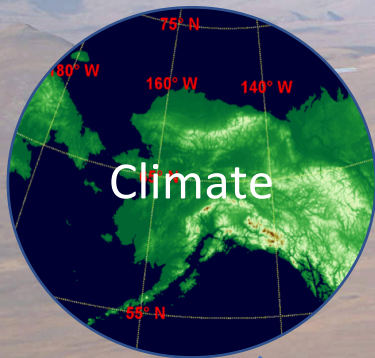


Navigating the New Arctic

The Sensitivity of Alaskan & Yukon Rivers, Fish, & Communities to Climate

How You Can Get Involved

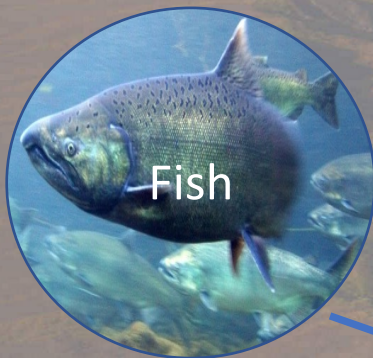
Project goal: To integrate Indigenous Knowledges & western science to improve our understanding of how Arctic rivers, fish, and Indigenous communities might be impacted by & adapt to climate change



- How far into the future would you like to plan for?
- What kinds of climate data would be most useful for you?
- What kinds of future scenarios would you like to consider?
- What kinds of output would be most helpful?



- What characteristics of river & riverine habitats are important for you &/or for fish?
- Which river ice corridors are critical for you?
- What features of ice corridors do you care about?



- What fish play key roles culturally, ecologically, or both?
- What kinds of information about fish habitat & survival would help you plan for the future and might help us help fish?



- What climate-related issues are important to you?
- How is climate change affecting your subsistence, livelihoods, & cultures?
- How can we increase our resilience to climate change both now and in the future?



University of Colorado
Boulder



Ways to participate	When & where	What	For more information
Sign up for our Email list	<ul style="list-style-type: none"> Years 1-5 Starts March 2020 Online 	<ul style="list-style-type: none"> Receive project updates and requests for input on project goals and tasks. Keep up to date on engagement opportunities such as the ones below. Email us your ideas, input, and questions 	To subscribe to our listserv, please click on this link
Participate in our Engagement Calls (3 times per year)	<ul style="list-style-type: none"> Years 1-5 Starts May 2020 Online Join when you can 	<ul style="list-style-type: none"> Hear from project investigators about their work Learn from Indigenous knowledge holders, western researchers, & others Participate in discussions Help inform our project research design and deliverables <p><i>Have an idea of what you would like to hear on a call? Please let us know!</i></p>	Contact Karen Cozzetto (ITEP) karen.cozzetto@nau.edu , 928-523-6758
Join the Indigenous Observation Network	<ul style="list-style-type: none"> Ongoing In your community 	<p>The Indigenous Observation Network is a community-based water quality monitoring network managed by the YRITWC and the USGS.</p> <ul style="list-style-type: none"> Collect monthly water quality samples &/or Install a temperature/ conductivity sensor <p><i>In this vast region, these data are extremely important in helping us understand the current conditions of Arctic rivers and verify model accuracy.</i></p>	<p>Contact Nicole Herman-Mercer (USGS), nhmerc@usgs.gov, 303-236-5031 or</p> <p>Edda Mutter (YRITWC), emutter@yritwc.org, Toll Free (AK & Canada) 866-730-3337</p>
Become a member of our Native Advisory Council	<ul style="list-style-type: none"> Years 1-5 Online 	<ul style="list-style-type: none"> Application process opens in May 2020; initial term is for two years Help researchers evaluate input from the broader community and make decisions about research design and deliverables Help develop the Arctic Rivers Summit agenda <p><i>More information coming soon</i></p>	Contact Karen Cozzetto (ITEP) or Nicole Herman-Mercer (see above for contact information)
Meet up with us at a Conference	<ul style="list-style-type: none"> Years 1-5 Ongoing Various locations 	The 18 investigators who are a part of this project attend various conferences and workshops throughout the year. We'll let you know where you can find us through our email list. We'd be excited to meet you!	Join our email list.
Apply for an Indigenous student summer internship	<ul style="list-style-type: none"> Summer 2022 In your community 	<ul style="list-style-type: none"> Interns will conduct Traditional Knowledges interviews. Interns will be hosted by the Yukon River Inter-Tribal Watershed Council (YRITWC) or as part of the Alaska Native Science and Engineering Program at the U.S. Geological Survey USGS). 	Contact Nicole Herman-Mercer (USGS), nhmerc@usgs.gov , 303-236-5031
Participate in our Arctic Rivers Summit	<ul style="list-style-type: none"> Winter 2021-22 Anchorage, Alaska 	<p>2-day summit in Anchorage, Alaska</p> <p>The Summit will bring together Tribal & First Nation community members, managers, & knowledge holders, western science researchers, federal, state, & provincial agency representatives, & others to discuss the current and potential future states of Arctic rivers and fish and how we can adapt.</p> <ul style="list-style-type: none"> Exchange knowledge with others to improve our understanding of Arctic rivers and fish and identify ways that we can adapt Inform research design and deliverables Be a co-author on a Summit white paper and on peer-reviewed journal articles that make use of Summit data <p><i>Travel scholarships will be available</i></p>	Contact Karen Cozzetto (ITEP) karen.cozzetto@nau.edu , 928-523-6758