

USGS Alaska Cooperative Fish and Wildlife Research Unit

Annual Research Review

September 25, 2024. Elvey Auditorium, UAF

Zoom Meeting ID: 848 4550 7873, Passcode: 748393.

<https://alaska.zoom.us/j/84845507873?pwd=Ai8q0lpT4puyFXq20slr1K5D1AYvwE.1>



Time	Presenter	Title
9:00	Jeff Muehlbauer	Opening Remarks
9:05	Margaret Harings	Evaluating Environmental DNA as a Complementary Tool for Estimating Salmon Abundance in the Yukon River Basin
9:25	Lindsay Turner	Alaska Forage Fish Data Compilation and Modeling for Risk Assessment and Resource Management in Oil and Gas Development Regions
9:45	<i>Coffee break</i>	
10:30	Joe Spencer	Seaward Migration and Overwintering Habits of Dolly Varden in Northwestern Alaska Analyzed Using Otolith Microchemistry
10:35	Elizabeth Hinkle	Movement Strategies of Arctic Grayling within a Fire Impacted Riverscape
10:40	Elizabeth Lindley	Pink Arctic: Are Salmon Successfully Spawning in a North Slope River?
10:45	John Hermus	Effects of Water Temperature and Heat Stress on Juvenile Chinook and Coho Salmon Growth in the Deshka River Watershed
10:50	Eli Wilson	Assessing Salmon Habitat and Shoreline Vulnerability to Recreational Boat Wakes in Big Lake, Alaska
10:55	Isaac Nyameke	Using Age-Structured Stock Assessment Models to Inform Future Sustainable Black and Yelloweye Rockfish Management in Southeast Alaska
11:00	Dakota Keller	Assessing Macroinvertebrate Community Response Following Stream Restoration to Guide Freshwater Conservation
11:05	Ian Kwit	Investigating Aerial Insectivore Phenology as Related to Insect Abundance and Richness Within Boreal Alaska
11:10	Tamamta Program	Tamamta Short Film
11:15	<i>Additional Q&A for presenters</i>	
11:20	Luke Porter	Movement and Habitat Use of Female Sea Otters (<i>Enhydra lutris</i>) In Kachemak Bay, Alaska
11:25	Miles Spathelf	Synthesizing Ungulate Movement and Migration Across Alaska
11:30	Tabitha Page	Emerging Bacterial Diseases in Alaska's Voles
11:35	Sam Simon	Summer Habitat Use and Distribution of Shorebirds in the Steese National Conservation Area
11:40	Sarah Trujillo	Developing a Multi-Species Monitoring Framework in Southeast Alaska
11:45	Tony Zambito	Investigating Sitka Black-Tailed Deer Habitat Use and Predator-Prey Dynamics
11:50	Sarah Swanson	Small Mammal Genetics in Alaska's National Parks
11:55	Kayleigh McCarthy	Effects of Human Visitation on Bear Activity at Anan Observatory
12:00	<i>Lunch break</i>	
13:00	Binta Wold	Human-Bear Conflict in Juneau: Differing Definitions, Drivers, and Desired Solutions [Preliminary Results]
13:20	Sara Henslee	Investigating the Role of Juvenile Weight in Predicting Future Fitness in Northwestern Alaska Moose Populations
13:40	Rebecca Shaftel	Integrating Climate Data and River Modeling to Reveal Influences on Declining Chinook Salmon in Sub-Arctic River Basins
14:00	<i>Additional Q&A for presenters</i>	
14:05	Deanna Strohm	Zebra and Quagga Mussel Invasion Risk Project
14:10	Matt Dunkle	Climate and Landscape Influences on Lake Vertical Structure in Southwest Alaska National Parks
14:15	Derek Arnold	Evaluating Spatial-Capture-Recapture for Monitoring Social Carnivores
14:20	Greg Breed	Effects of Ram Removal on the Social Structure and Fitness of Brooks Range Dall's Sheep
14:25	Shawn Crimmins	GIS and Analytical Support for BLM Wildlife Management
14:30	Eugenie Euskirchen	Persistent Net Release of Carbon Dioxide and Methane from an Alaskan Lowland Boreal Peatland Complex
14:35	Caleb Robbins	Spatial and Decadal-Scale Temporal Changes in Water Chemistry and Macroinvertebrates in Central Alaska
14:40	Jeff Muehlbauer	Concluding Remarks