



2022 Science Lecture Series



Migration Patterns and Energy Use of Returning Adult Sockeye Salmon in the Copper River

With Pete Rand, Prince William Sound Science Center

Friday, February 4, 2022 7pm Alaska time

Online Only

Pre-registration required. www.wise-edu.org

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Pete Rand is a staff scientist at the Prince William Sound Science Center in Cordova, Alaska. He received his Ph.D. from SUNY College of Environmental Science and Forestry in Syracuse, New York, and was a postdoctoral fellow at the University of British Columbia in Vancouver, British Columbia, Canada. He has conducted research on Pacific salmon and related members of the salmon family in many river systems in North America and Asia. He is currently collaborating with Dr. Kristen Gorman at the University of Alaska Fairbanks on a multi-year project investigating the migration of adult sockeye salmon in the Copper River.



Copper River sockeye salmon have been returning at smaller body sizes in recent years and recent heatwaves have caused changes in river flow. Through a coordinated field and laboratory study during 2016 and 2019-2021, we monitored movement, migration success, and measures of body condition and pathogen prevalence in Copper River sockeye salmon. I will present an overview of the project and some preliminary results. The project is a collaboration between the Prince William Sound Science Center and University of Alaska Fairbanks.

