



2018 Science Lecture Series



## Dall Sheep and Snow:

# Linking Climate Conditions to Movement and Demography

With Laura Prugh

University of Washington

Tuesday, March 13, 7pm

Wrangell-St. Elias National Park Visitor Center



Habitat conditions and snow properties are changing rapidly in northern regions, with poorly understood consequences for wildlife species such as Dall sheep. I am leading a large, collaborative study funded by NASA's Arctic and Boreal Vulnerability Experiment (ABOVE) program to understand how alpine ecosystems are changing and impacts on Dall sheep. We are synthesizing data on Dall sheep populations, habitat conditions, and climate conditions throughout the range of Dall sheep in Alaska and Canada. In addition, we are conducting fieldwork in the Wrangell Mountains to improve spatial models of important snow properties such as depth and hardness. I will present an overview of our initial findings and plans for the coming years.

Laura Prugh is an Assistant Professor of Quantitative Wildlife Sciences at the University of Washington. She has studied Dall sheep and carnivores in Alaska since 1999 and is the lead PI on the NASA ABOVE Dall sheep project.



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