
GCSC Seminar Series

210 ASB
(Aline Skaggs
Building)

ALL ARE WELCOME

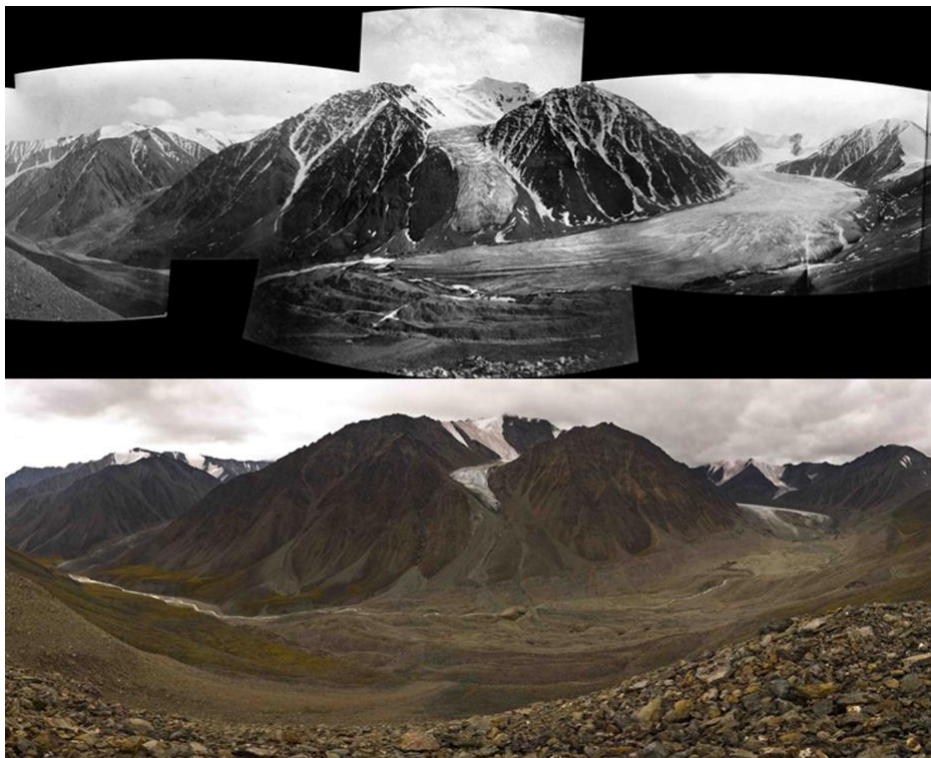
Refreshments &
meet the speaker at
3:45

Tuesday, October 1, 2019
4:00-5:00 PM

Ken D. Tape

University of Alaska Fairbanks Geophysical Institute

“The Changing Arctic Landscape”



*This lecture explores a century of changes in the
arctic tundra landscape and its wildlife.*

Abstract

The arctic tundra landscape is undergoing rapid change in response to over a century of warming air temperatures. In this talk, I will describe the observed changes in response to this warming, from increased shrubby vegetation and thawing frozen ground (permafrost) and glaciers, to encroachment of boreal forest wildlife, such as moose, snowshoe hares, and beavers. This relatively non-technical presentation will use repeat photography and observational data to describe the breadth of changes occurring in the arctic tundra biome.

Bio

Dr. Tape is an ecologist at the University of Alaska Fairbanks with broad interests in the arctic natural sciences. His research describes the impacts of climate warming during the 20th century on various components of the arctic ecosystem, including the snow, vegetation, permafrost, hydrology, wildlife, and people. Tape writes, “My interests lie more in the linkages between these components rather than in any isolated component. Recently we discovered that beavers are moving from the forest and colonizing tundra regions, so we are studying the profound implications for arctic stream and riparian ecosystems, including permafrost and fish.”

