



ECL290 **Polar Ecosystems in the Anthropocene**

Facilitated by Dr. Eric Post and Mandy Frazier

The Arctic and Antarctic ecosystems are facing a multitude of anthropogenic threats in the coming decades. Notably, the Arctic and Antarctic are experiencing the highest rates of warming on Earth and are integral components to the global ocean and climate system. In this seminar we will explore a wide range of threats facing polar ecosystems in both marine and terrestrial systems, including ocean warming, sea ice melt, permafrost thaw, increased vessel traffic and tourism, and over-fishing. We will also discuss the challenges of international policy in the poles and how these anthropogenic stressors are threatening native ways of life.

Wednesdays, 3:10 - 4:00 pm

Questions? Contact ajfrazier@ucdavis.edu or post@ucdavis.edu