



School of Natural Resources
and the Environment

Seminar Series: Fall 2023

PREDICTING THE FUTURE: USING PLANT PHENOLOGICAL RESEARCH TO MANAGE ECOSYSTEMS IN AN ERA OF GLOBAL CHANGE

SPEAKER: Janet Prevey, U.S. Geological Survey

DATE: Wednesday, September 13th

TIME: 3:00-4:00 pm

LOCATION: ENR2 S210 & Zoom

ABSTRACT:

Climate change is altering the phenology of plant species around the world, with cascading effects on the people and animals reliant upon those plants for important ecosystem services. I will cover some of the ways that phenological data can be used to help adapt ecosystem management to changing environmental conditions. From documenting how plants in the world's coldest ecosystems are responding to warmer temperatures, to predicting

when berries might ripen in the future, to aiding in the time-sensitive management of invasive grasses - phenological research can be an integral component of a resource managers' toolbox.



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