

ATS/CIRA Colloquium

Camille Stevens-Rumann

**Assistant Professor of Forest and Rangeland Stewardship
at Colorado State University**

**Ecosystem reorganization: understanding resilience
in the context of disturbances and climate change**

Hosted by Jeff Pierce

**3 p.m. Thursday, Sept. 5
ATS room 101**

Wildfires are an ever increasing threat across the western U.S. As human communities grapple with the toll of these fires on human health, values, and infrastructure, ecosystems are similarly faced with numerous ecological changes. Forested ecosystems are highly adapted to wildfires, however after a century of fire suppression coupled with a changing climate, the resilience of these systems may be overcome resulting in long-lasting converted alternate community types. This has far-reaching impacts on both human and natural systems. We will examine multiple case studies of fire-catalyzed forest conversion and discuss adaptive management strategies for altering the trajectory of these recovering ecosystems.

Link to colloquia page: <https://www.atmos.colostate.edu/colloquia/>