

Title: Master of Environmental Science (MESc) at the Yale School of the Environment Studying Piñon Invasion into Big Sagebrush Vegetation

Location: New Haven, CT (academic year) and southern Colorado (summers)

Pay: Graduate stipend and full tuition assistance

Start Date: May 2025

Apply By: Applications accepted on a *rolling basis* until October 11, 2024

Website: <https://environment.yale.edu/admissions/masters>

Description:

A two-year graduate assistantship is available with the Yale School of the Environment (YSE). We are seeking a graduate student to join our Forestry and Rangeland Research team to study the history of piñon pine invasion into big sagebrush vegetation in southern Colorado over the past 50 years as well as the vegetation response to the invasion.

This research is part of a larger research collaboration between YSE and on-the-ground practitioners in Colorado to increase knowledge and understanding of western landscapes, ecological processes, and effective land management strategies for conservation in the West. Fieldwork will take place during summer 2025 and 2026 in south central Colorado. Academic classes will begin fall 2025 in New Haven, CT at the Yale School of the Environment. This two-year master's assistantship will provide a stipend, full tuition assistance, and health insurance.

Interested candidates should email a 1-page cover letter, CV, and the names of 3 references to William.Lauenroth@yale.edu by October 11, 2024. Applications will be received on a rolling basis.

Qualifications:

- Bachelor of Science degree in rangeland or natural resource management, ecology, biological sciences, environmental biology, or related field
- A valid U.S. driver's license for duration of masters
- Fieldwork experience in remote settings (desired)
- Research and data analysis experience required. Experience with R important.
- Strong verbal and written communication skills
- Enthusiasm and interest for the research topic and a desire to work collaboratively

Contact Person:

Dr. William Lauenroth

William.lauenroth@yale.edu

Joseph F. Cullman 3rd '35 Professor of Ecology