

**Environmental Engineering**

**and Earth Sciences**

**EEES Department Seminar**

**Locking Away Carbon:**

**How Rocks Can Help Fight Climate Change**

PRESENTED BY

**Dr. Ruoshi Cao**

Geoscientist

Oklahoma State University

**Abstract:**

In this talk, titled “Locking Away Carbon: How Rocks Can Help Fight Climate Change”, he will explore the critical role of carbon mineralization storage in mitigating climate change, highlighting how rocks can serve as natural allies in reducing atmospheric CO₂ and advancing sustainable energy solutions.

**Bio:**

Ruoshi (Ross) Cao (pronounced “Tsao”) is a geoscientist at the Pacific Northwest National Laboratory, Dr. Cao holds a Ph.D. from Oklahoma State University, and his research focuses on geological carbon storage, critical mineral extraction, and subsurface multi-phase fluid flow simulation.

**12:00 PM**

**Monday, March 24, 2025**

**Rich Lab Auditorium**

***“Attendance is mandatory for graduate students enrolled in EES 8610, EES 9610, and GEOL 8610”***