University of New Hampshire

Fall 2020 Environmental Sciences Seminar Series

Wednesday, October 14

2:30–3:30pm Online via Zoom—Register here

Diego Riveros-Iregui

Bowman and Gordon Gray Distinguished Professor, Geography, University of North Carolina at Chapel Hill

Carbon Dioxide (CO_2) Fluxes from Terrestrial and Aquatic Environments in a High-Altitude Tropical Catchment

High-altitude tropical grasslands, known as "páramos,"are characterized by high solar radiation, high precipitation, and low temperature. They also exhibit some of the highest ecosystem carbon stocks per unit area on Earth. In this presentation I summarize findings on the spatial and temporal variability of surface CO_2 fluxes from adjacent terrestrial and aquatic environments based on a suite of field measurements. I address the role of hydrology in regulating the magnitude and fate of dissolved carbon in streams. These findings contribute toward our understanding of ecosystem carbon cycling in high-altitude, tropical, headwater catchments.

Seminar Host: Allison Herreid , NRESS PhD Student

Series sponsored by the Natural Resources and Earth Systems Science (NRESS) Ph.D. Program, in partnership with the Earth Systems Research Center, and the Natural Resources and the Environment and Earth Sciences Departments.

Free - All are Welcome

Full Series and Registration HERE.