

GEOG 304 Carbon in the Biosphere

GEOG 304 will introduce you to important concepts in carbon cycling in terrestrial and aquatic ecosystems, field and laboratory methods used to investigate stocks and fluxes of carbon the biosphere, and methods to design experiments to study biosphere carbon cycling and analysis data from selected methods. In order to transition this normally intensive field-based course to online instruction, I will use a combination of lectures about concepts and methods (recorded so that you can view them on your own time), self-directed readings, student-led online seminars and group discussions, at home hands-on field methods activities and data analysis labs. Assessment will be based on group seminar presentations, participation in online, 4-5 data analysis assignments and a final project. While many of the activities can be completed on your own time, group seminars, the bulk of the data analysis assignments and final project planning will occur during an intensive 2 week period in which the instructor and TA will be available each afternoon for one-on-one help sessions.