



SWES Colloquium Series 2013-2014

Department of Soil, Water and Environmental Science

Carbon: Microbial Ecology, Global Biogeochemistry

The global carbon cycle is strongly perturbed by human activity, causing human driven climate change. The global carbon cycle involves processes at large scales, like climate and atmospheric circulation, and small scales, like CO₂ production by soil bacteria and fungi. In this talk, I will discuss carbon cycling at global to microbial scales, and ways these might be connected. Much of the focus will be on carbon cycling responses to environmental change. Our work involves experiments probing ecosystem responses to global change, data assimilation with mathematical models, and new tools at the interface of molecular biology and stable isotope biogeochemistry.

Dr. Bruce Hungate

Department of Biological Sciences
Northern Arizona University

Monday, April 7, 2014 -- 3:00pm

Marley 230

Refreshments at 2:45

