

DEPARTMENT OF ECOLOGY & EVOLUTIONARY BIOLOGY

Fall 2014 Seminar Series

"Soil microbial C and N cycling in tundra ecosystems: responses to environment and climate"

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I want to better understand the processes underlying energy and nutrient flow in ecosystems, and how these processes are being altered by human activities. I see a definite need to link ecosystem and landscape-scale processes to environmental controls on physiology at the organism-scale. Process-based information on ecosystem function is a fundamental requirement for predicting the future state of both natural and intensively managed ecosystems. I want to provide knowledge that will allow land managers to make sound, relevant, and effective management decisions, and to develop the tools necessary to build well-constrained models of ecosystem function. This requires an interdisciplinary approach and a growing understanding of ecosystem ecology, microbial ecology, and biosphere-atmosphere interactions.

Friday, Sept 12, 2014; Room 307, SERF; 3:30 - 4:30PM. Pre-talk reception: 3:00 PM in Dabney 568