

ANNOUNCING

Ecosystem Ecology and Global Change (CSS 893 Section 730 – 3 CREDITS)



Dr. Kelly Aho (EES and IBIO departments) and Lisa K. Tiemann Associate Professor, Soil Biology Department of Plant, Soil and Microbial Sciences.

Course Description: An understanding of ecology at the ecosystem level provides the “big picture” that is essential to protect and manage ecosystems, particularly as we grapple with global environmental change. In this course, we study the fundamentals of ecosystem structure and function, including primary and secondary production, food webs, biogeochemical cycles, managed ecosystems, and ecosystem interactions with climate. Throughout the course, topics are considered in the context of global change and the pervasive influences of human activity. We will discuss foundational and cutting edge literature in the field of ecosystem ecology and we will work through a comprehensive survey of climate change science, policies, and politics.

*This course can be used to fulfill requirements of the EEB Program and is being taught online to encourage off-campus (i.e. KBS) students’ participation.

*Meeting days/times to be determined by the class



[Lisa K. Tiemann](#)
(Associate Professor, Soil Biology
Department of Plant, Soil and Microbial Sciences)



[Dr. Kelly Aho](#) (EES and IBIO departments)