

NC STATE UNIVERSITY

CROP AND SOIL SCIENCES

Please join us for the second Willie Woltz Seminar of 2020-21

March 24, 2021 – 3:40 PM

(Zoom Details to Follow Separately)

Dr. Serita Frey

will present a seminar entitled

“Going Underground: Unearthing the Role of the Soil Microbiome in a Warmer, Fertilized World.”



Professor of Natural Resources and the Environment: University of New Hampshire, College of Life Sciences and Agriculture

Abstract:

There are an estimated nonillion (10³⁰) microbes on the planet and these organisms play a critical role in planetary health, including the composition of the Earth’s atmosphere. This presentation will take you belowground to explore the microorganisms beneath our feet, the role they play in the Earth’s carbon cycle, and how global change, particularly soil warming and nitrogen enrichment, is altering the soil microbiome.

Biography:

Dr. Serita Frey is a Professor in the Department of Natural Resources and the Environment at the University of New Hampshire. Her lab’s research focuses on how human activities are impacting terrestrial ecosystems and the composition and diversity of soil microbial communities involved with the carbon and nitrogen cycles.

The annual Willie Woltz Soil Science Seminar Series is sponsored and organized by the Crop and Soil Sciences Graduate Student Association. For more information, contact the CSSGSA Vice President David Ramotowski at djramoto@ncsu.edu.