

Stressed Out Soils

A Conversation with Jane Lucas



On Thursday **May 11 from 7 - 8pm ET**, join Cary Institute of Ecosystem Studies for a science conversation featuring Jane Lucas, an ecologist researching threats facing soils, and how they can be understood and managed in the face of global change.

In conversation with Cary President Josh Ginsberg, Lucas will explore the state of soils. This will include insight into her research on microbial ecology, soil food webs, and how antibiotic introductions into our soil environments shapes microbiomes, antibiotic resistance, and soil's ability to store water and carbon.

She will also discuss *Stressed Out Soils*, a large-scale experimental project that is the first to look at how drought, warming, fungicides, antibacterials, and pesticides interact to shape soil health. Eighty plots have been established on grasslands at Cary Institute's research campus, and will be a model for similar experiments around the US.

This event will be offered in-person, at our Lovejoy Auditorium, and virtually. It is free and open to all.

Questions can be submitted in advance. For more information and to register, visit caryinstitute.org/events.



The event is sponsored in part by Harney & Sons Fine Teas.