

Monday, January 29

11:30 am – 12:30 pm

Building 90, Room 102

On Zoom: Meeting 879 9816 8207, Pwd: ecoinfo

All are welcome!

Exploring Microbial Trophic Interactions in Environmental Microbiomes



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Abstract: While bacteria and fungi are extensively researched microorganisms within environmental microbiomes, they represent a fraction of a broader spectrum of microbes, which also encompasses highly diverse populations of viruses and protists. Our research program is dedicated to maintaining a holistic perspective when depicting microbiomes in various environments, ranging from soil to insect guts. This comprehensive view is achieved through experimental approaches, including traditional microbiology, next-generation sequencing, chemical analyses, and bioinformatics. During an interactive presentation, I will guide you through various research projects investigating how microbial trophic interactions respond to environmental changes and how the resulting products of these associations influence biological and biochemical activity.