



# International Alliance for Phytobiomes Research Webinar Series

04 June 2025

**Dusti Gallagher**

Executive Director, Phytobiomes Alliance  
Project Manager, USCCN

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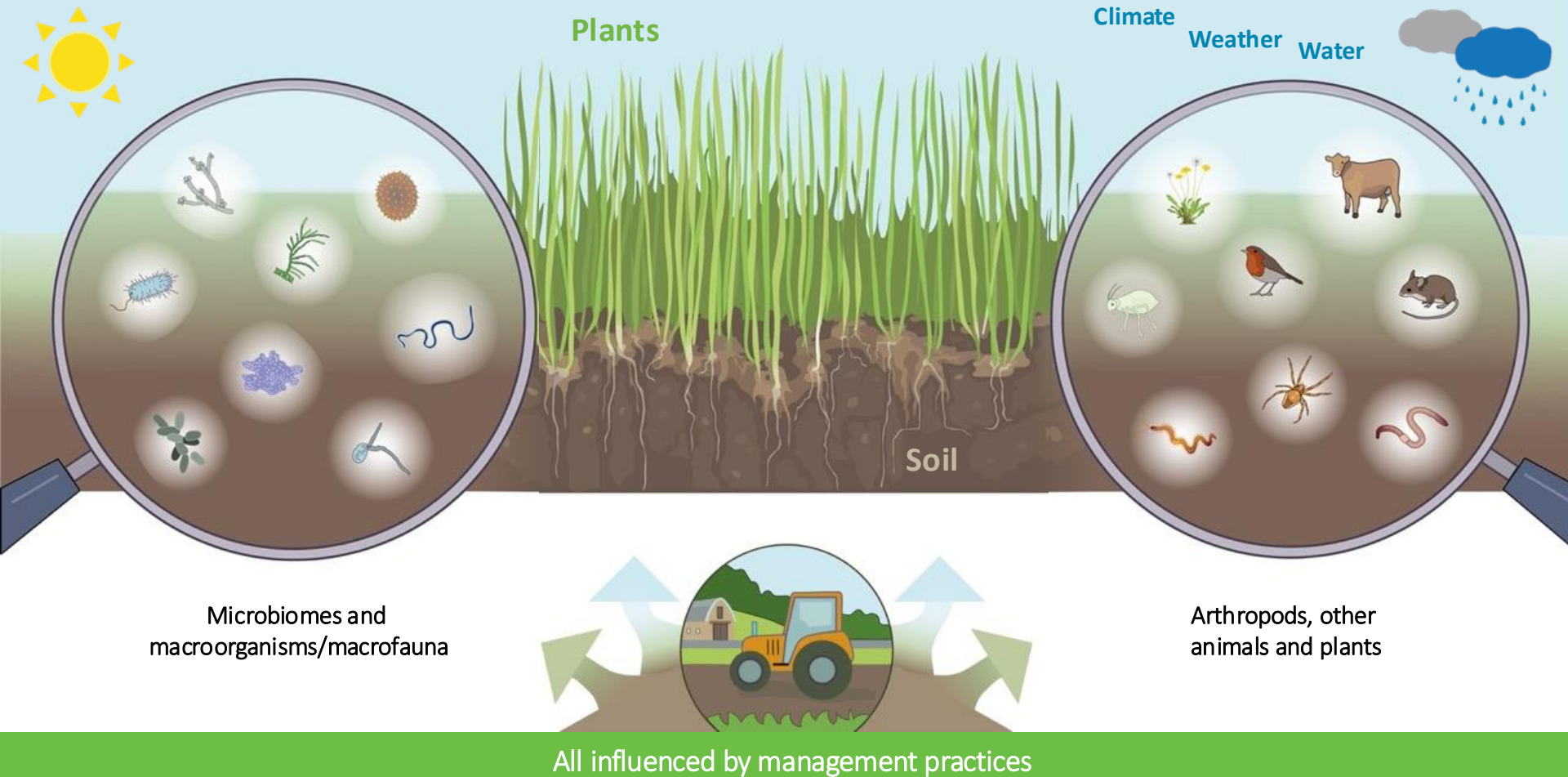
**By 2050, all farmers have the ability to use predictive and prescriptive analytics based on geophysical and biological conditions for determining the best combination of plants, management practices, and inputs for a specific field in a given year.**



# Phytobiomes Alliance Sponsors



# Phytobiomes: Complex Systems of Plant-based Agriculture







# Alliance Project: The U.S. Culture Collection Network

## A NSF-funded Research Coordination Network

Bringing together scientists working with living microbial collections

A partnership with the International Phytobiomes Alliance for Research



[www.usccn.org](http://www.usccn.org)



@usccn3

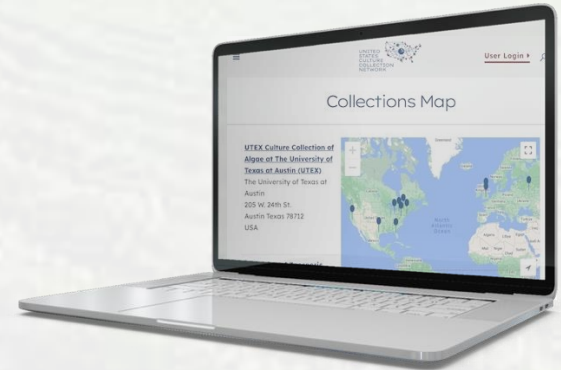


[us-culture-collection-network](https://us-culture-collection-network.org)

# USCCN Major Focus: Public Registry & Database

## A Public Registry & Database of U.S. Collections to Maximize Synergy and Minimize Duplication

- Documents the location, size, and holdings of collections
- Curated & updated
- Collections of all types are represented
- Includes small research collections at universities, governmental agencies and private for-profit and non-profit organizations



**Voluntary information in an open registry stored at [usccn.org](https://usccn.org)  
Publicly available via an online searchable database  
Register your collection at [usccn.org/culture-collections](https://usccn.org/culture-collections)**

UNITED  
STATES  
CULTURE  
COLLECTION  
NETWORK



# Exhibitor



# ASM MICROBE

JUNE 19-23, 2025 | LOS ANGELES

 **Visit Us at Booth #830**

 **Poster #POM-FRIDAY-1218**

# Next Phytobiomes Alliance Webinar

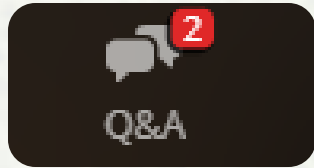
- **10 September 2025 @ 11:00am EDT**
- ***Topic: Designing biosensors to inform ecosystem engineering***
- **Presenter:** Ilenne Del Valle, Oak Ridge National Laboratory, USA
- **Registration:**  
[https://us06web.zoom.us/webinar/register/WN\\_r\\_du6oZaQzqtqOlzvRUOHQ](https://us06web.zoom.us/webinar/register/WN_r_du6oZaQzqtqOlzvRUOHQ)



- Register to the mailing lists to receive news about events organized by :
  - Phytobiomes Alliance <http://eepurl.com/dqw51f>
  - USCCN <http://eepurl.com/hcj11j>



- The webinar is recorded and will be posted on the Phytobiomes Alliance and USCCN YouTube channels later today.
- The presentation section will be followed by a Q&A



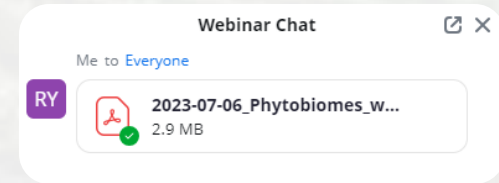
## Questions

*Submit your questions in the Q&A panel*



## Chat

*Use the chat panel to see messages from the organizers*



## Handouts

*Download PDFs of the slides presented from the chat panel*

## ➤ 100 Years of Collecting Biological Materials: The Diversity of the ATCC® Collection

- Victoria Knight-Connoni  
Head of Content and Product Development  
ATCC, USA

