



# Webinar Series Introduction

18 December 2024

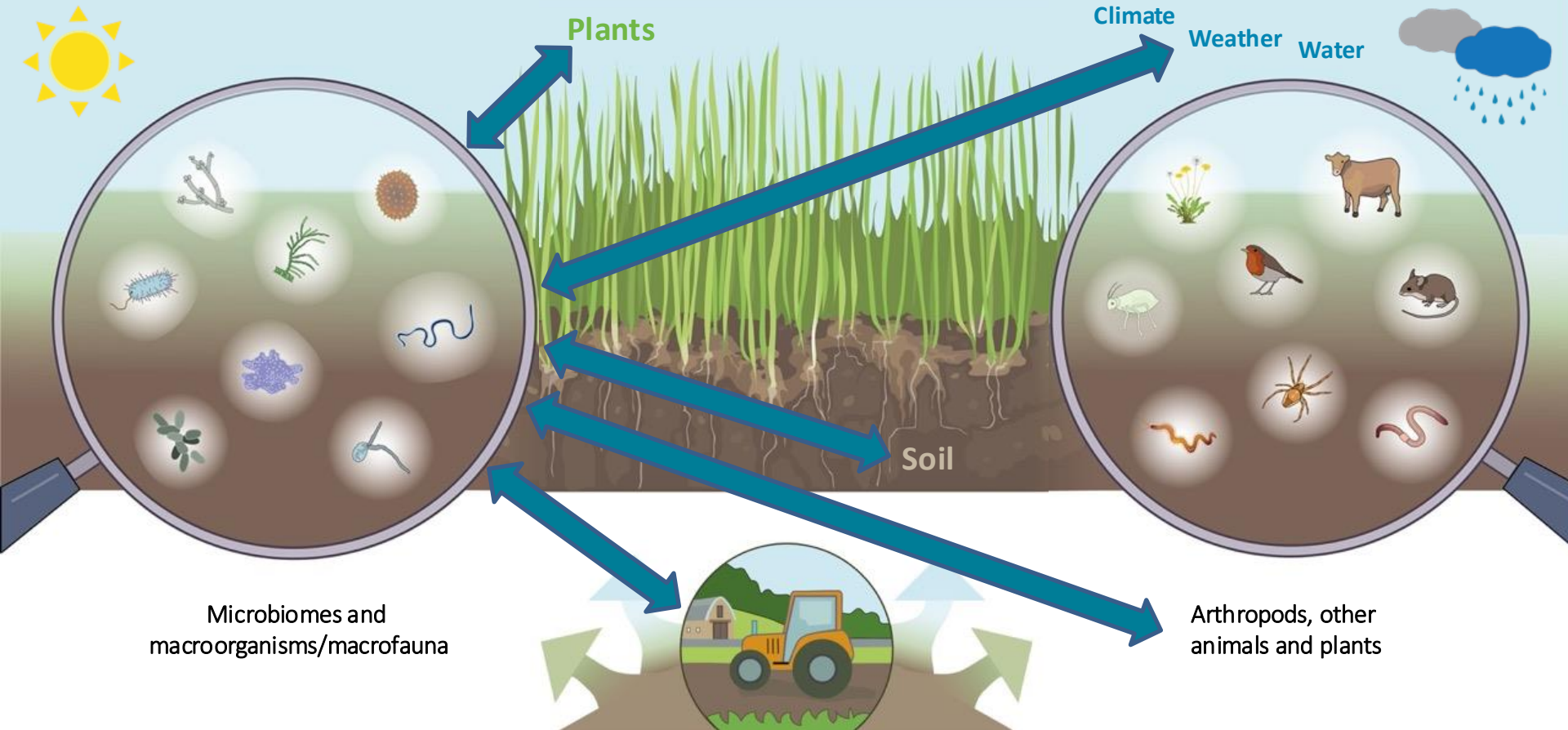
**Dusti Gallagher**  
Executive Director



# INTERNATIONAL ALLIANCE FOR PHYTOBIOMES RESEARCH

*A nonprofit consortium of industry,  
academic, and governmental  
scientists*

# Phytophosphorus Complex: Major Research Gaps



All influenced by management practices

# Examples of Phytobiomes



Crop Field

A wide-angle photograph of a vast, golden-brown field of mature grain crops, likely wheat or corn, under a clear blue sky. A small yellow tractor is visible in the distance on the left side of the field.



Pasture

A photograph of a lush green pasture with several black and white cows grazing. The sky is bright blue with scattered white clouds.



Vegetable Garden

A photograph of a rooftop vegetable garden. Numerous raised beds filled with black plastic mulch and soil are densely packed with various green leafy vegetables. In the background, a city skyline with several buildings is visible under a clear sky.



Forest

A photograph of a forest with tall, slender trees, likely birches, with white bark and sparse yellow and orange autumn foliage. The ground is covered with fallen leaves.



Vertical Farm

A photograph of a vertical farm. Multiple levels of white hydroponic channels are stacked vertically, each containing rows of green leafy plants growing in a controlled indoor environment.





# Phytophosphorescence Alliance Sponsors

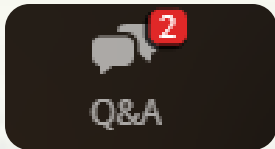


# Upcoming Phytobiomes Alliance Events

- **Workshops – 2025 *Plant and Animal Genome Conference*, San Diego, CA, USA**
  - Sunday 12 January, *Exploring Phytobiomes* workshop
  - Tuesday 14 January, *The Uniqueness and Commonalities Between Plant, Animal and Soil Microbiomes* workshop
- **Next webinar will be in February 2025**
  - Information & registration link will be available soon

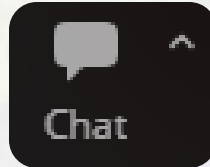
# Phytobiomes Alliance Webinar dashboard

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



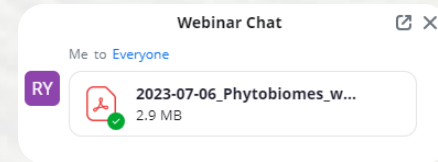
## Questions

*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*

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





**Thank you for your participation**  
**[www.phytobiomesalliance.org](http://www.phytobiomesalliance.org)**



**@phytobiomes**



**Internationalphytobiomesalliance**



- Decoding rhizosphere ecology for soil health
- Kirsten Hofmockel  
Chief Scientist  
Biological Sciences Division,  
Earth and Biological Sciences  
Directorate, Pacific Northwest  
National Laboratory, USA

