



# Webinar Series Introduction

13 October 2021

**Kellye Eversole**  
Executive Director



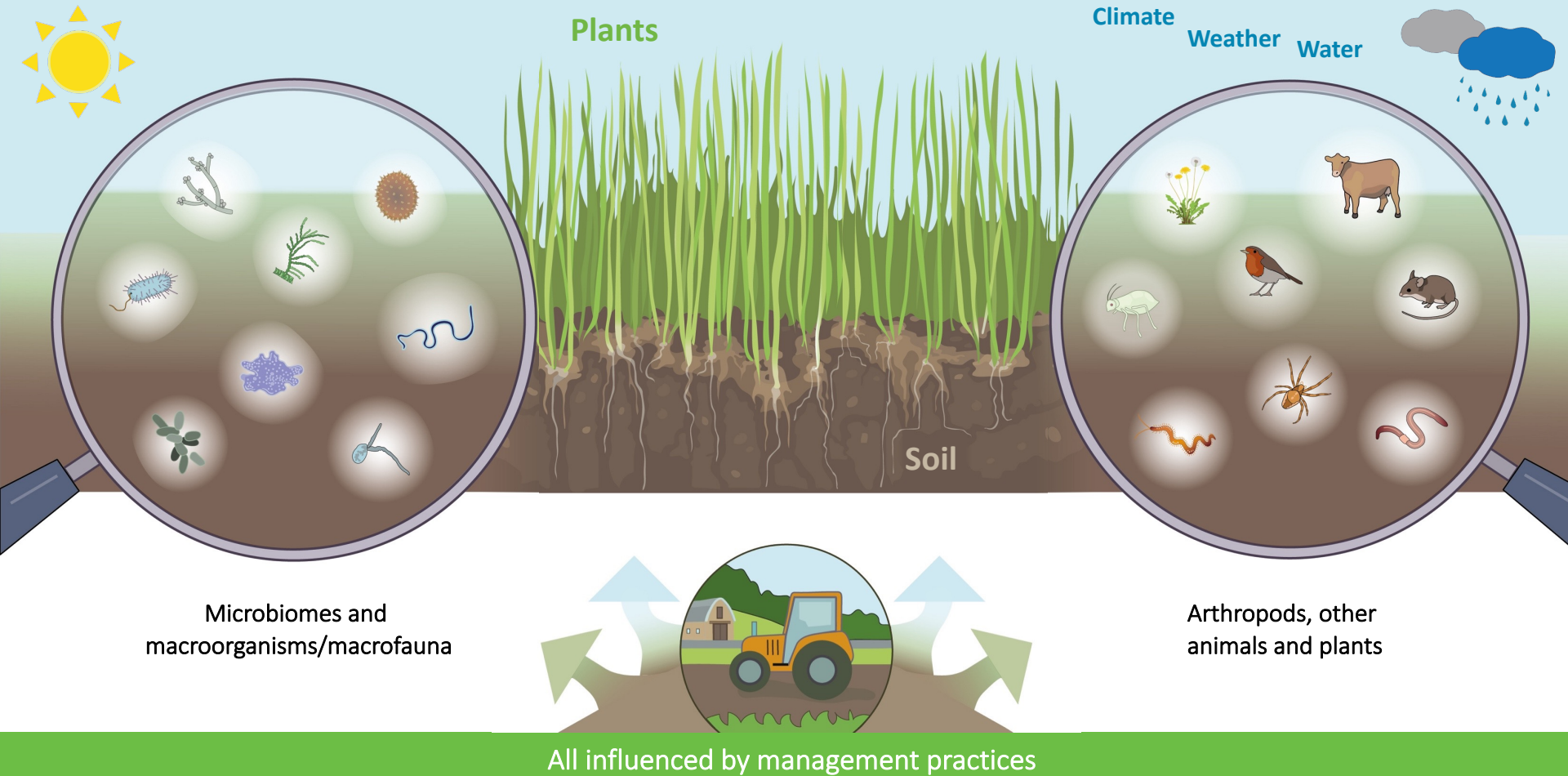
# INTERNATIONAL ALLIANCE FOR PHYTOBIOMES RESEARCH

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

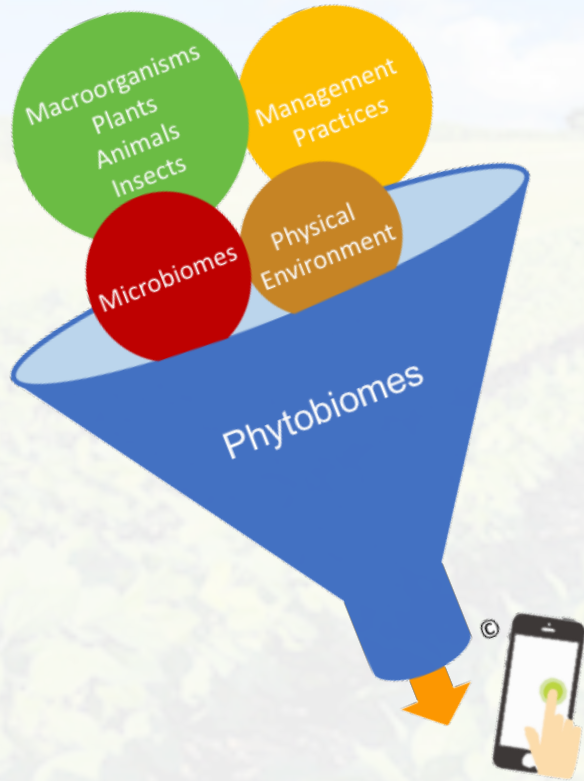
# Phytobiomes Alliance Sponsors



# Phytobiomes: Complex Systems of Plant-based Agriculture



# Phytobiomes Alliance Vision



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 crops, management practices, and inputs for a specific field in a given year.



# Phytobiomes Conference 2022



**13-15 September 2022**

**Denver, CO, USA**

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

## Main Scientific topics

- Climate/weather
- Environmental Data Set
- Plant fitness
- Microbial community assembly and function
- Network analyses within the phytobiome system
- Modeling
- Data – framework, tools and resources, big data
- Genetic linkages
- Carbon sequestration
- Interactions within phytobiomes for abiotic stress
- Engineering microbes and microbial communities
- Precision agriculture/digital Ag
- Fertilizer, nutrient, and chemical input efficiency
- Product development
- Regulatory requirements
- Greenhouse & Field trials
- Industry research needs

# Phytobiomes Alliance Next Webinar: 17 November 2021

- **Borgs: giant extrachromosomal elements with the potential to augment methane oxidation**
- Presenter: Basem Al-Shayeb, University of California, Berkeley, USA
- Registration: <https://attendee.gotowebinar.com/register/7589514667003430414>
- Time: 11am EST, 5pm CET

Our webinar series: <https://phytobiomesalliance.org/webinars/>

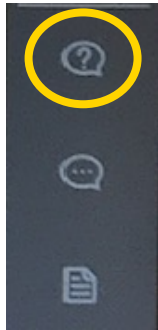
Register to the mailing list to receive news about events organized by the Phytobiomes Alliance <http://tiny.cc/ffw8rz>



# Phytobiomes Alliance Webinar dashboard

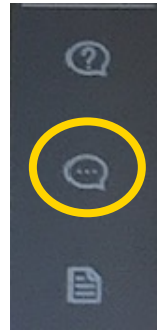
- The webinar is recorded and will be posted on the Phytobiomes Alliance YouTube channel in a couple of weeks. Subscribe to the channel to never miss a new upload <https://www.youtube.com/c/PhytobiomesAlliance>
- The presentation section will be followed by a Q&A

## Questions



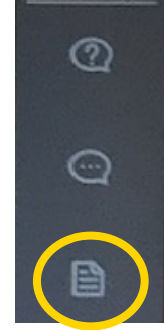
Submit your questions  
in the Q&A panel

## Chat



Monitor the chat panel  
to see messages from  
the organizers

## Handouts



Download handouts from  
the presentations in the  
handout panel



- **Sea-derived microalgae leads to healthier red meat and reduced methane emissions**
- **Presenter: Sharon Huws**  
Queen's University, Belfast, UK





**Thank you for your participation**

**[www.phytobiomesalliance.org](http://www.phytobiomesalliance.org)**



**phytobiomes**



**@phytobiomes**

