



Exploring Phytobiomes

12 January 2022

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Executive Director

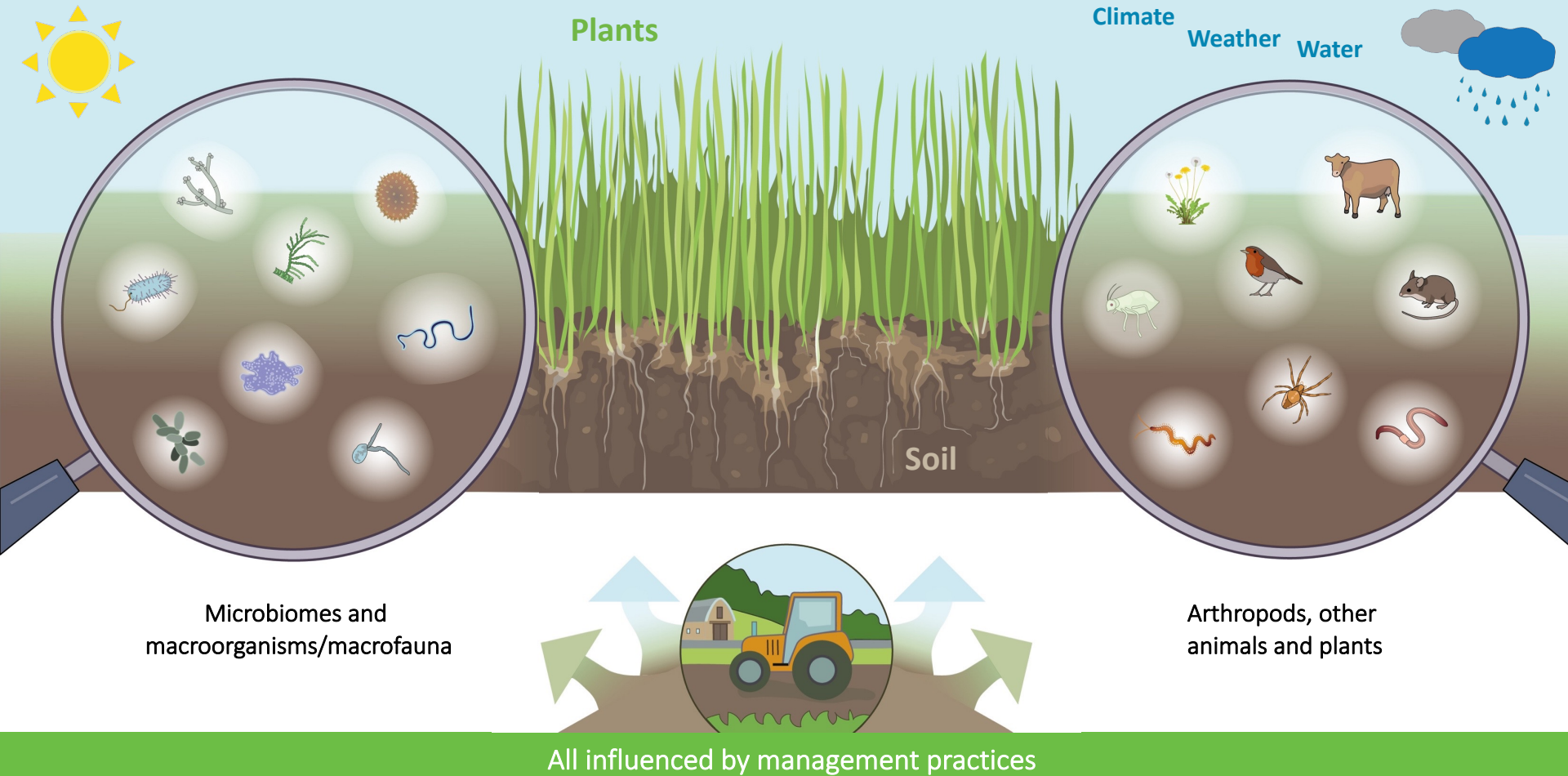




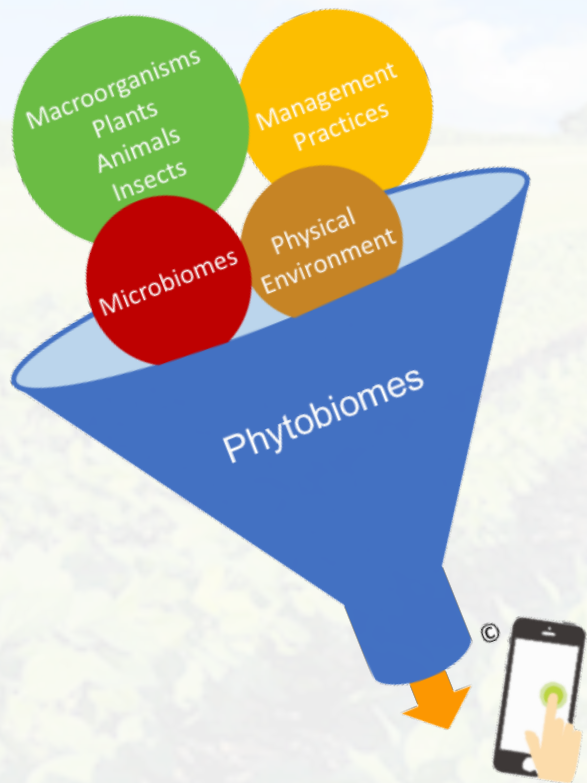
INTERNATIONAL ALLIANCE FOR PHYTOBIOMES RESEARCH

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

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.



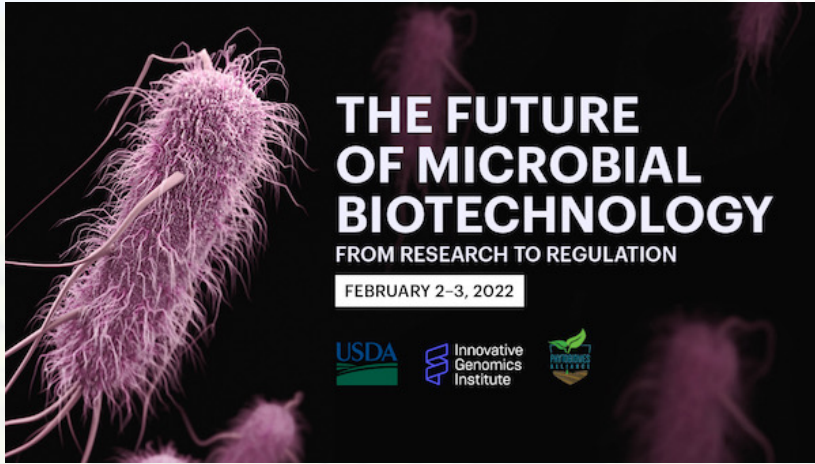
Phytobiomes Alliance Webinar Series



- 26 January 2022 – 11:00am EST
- **Managing pest outbreaks through participatory iterative ecological forecasting**
- Chris Jones, NC State University Center for Geospatial Analytics, USA
- Free Registration
<https://attendee.gotowebinar.com/register/6755258023282756368>

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

Phytobiomes Alliance Workshop



- **The Future of Microbial Biotechnology**
- Organized in collaboration with the U.S. Department of Agriculture (USDA), the Innovative Genomics Institute (IGI)
- 2 & 3 February 2022
- 11am-4pm EST
- Agenda <https://tinyurl.com/y5dhf2tn>
- Free Registration
<https://tinyurl.com/2p955rj8>

Phytobiomes Conference 2022



13-15 September 2022

Denver, CO, USA

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 Sponsors





Thank you for your participation

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