



International Wheat Genome
Sequencing Consortium

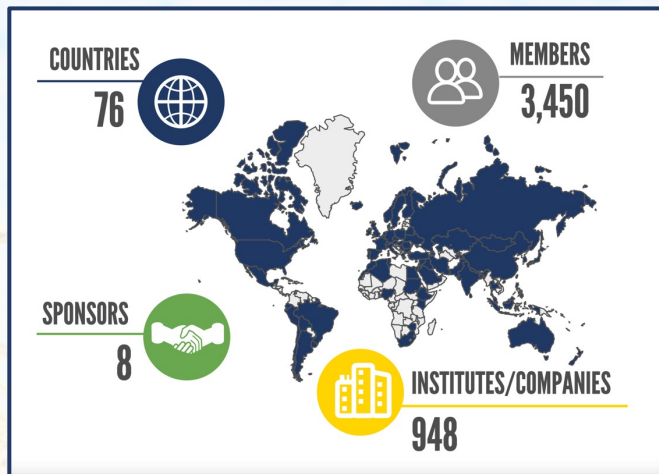


IWGSC-Phytobiomes Alliance Joint Webinar Series – Introduction –

13 March 2024

Dusti Gallagher
Phytobiomes Alliance Deputy Director

The International Wheat Genome Sequencing Consortium



- Established in 2005 by a group of wheat growers, plant scientists, and public and private breeders
- Accelerate wheat improvement
- Produced the reference sequence of bread wheat (RefSeq) in 2017
- Latest version of assembly and annotation is IWGSC RefSeq v2.1

VISION

Enhance breeding through an increased understanding of the molecular basis of traits and their allelic diversity

IWGSC Sponsors



International Alliance for Phytophymes Research



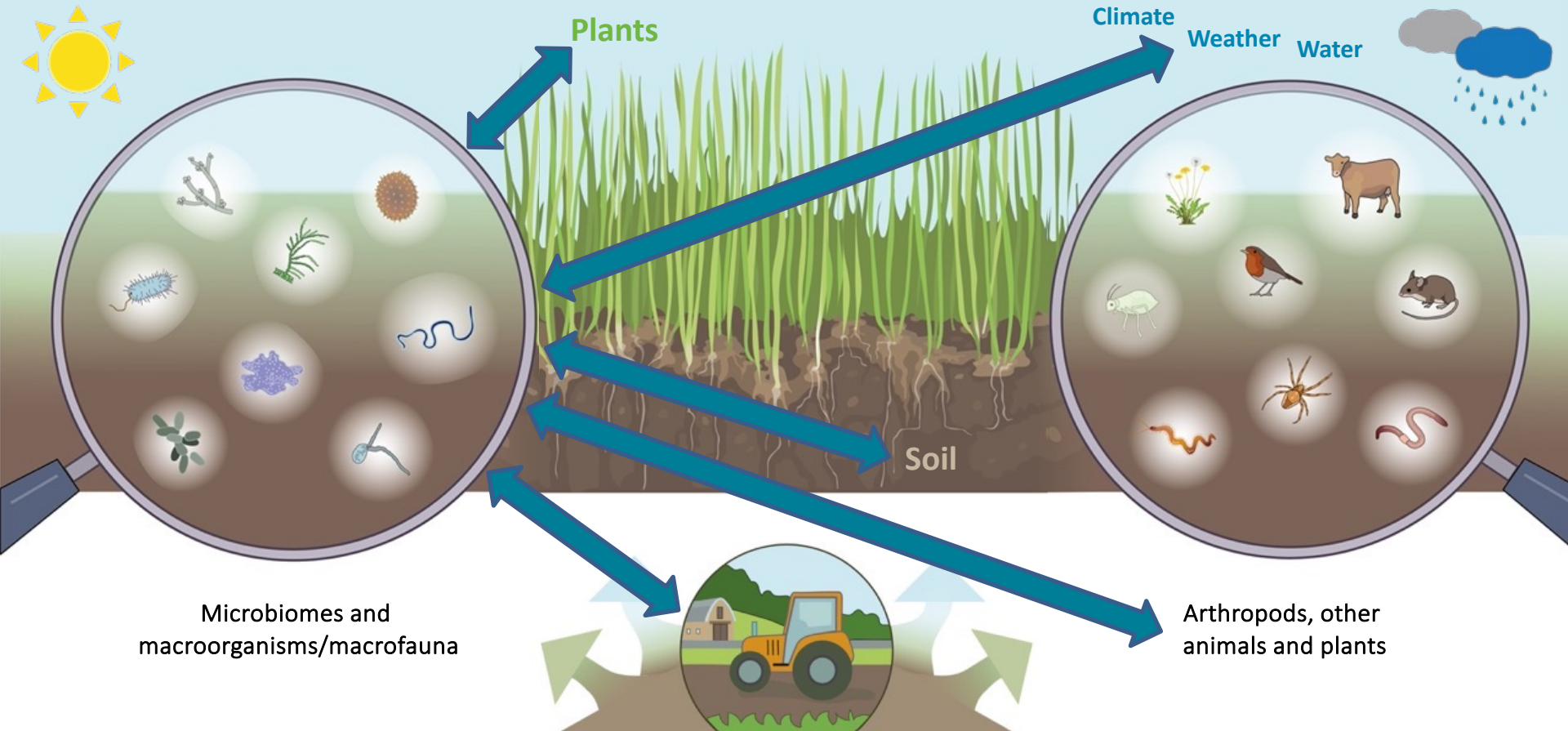
- Nonprofit, precompetitive research consortium
- Industry, academia, and government
- Paradigm shift in agricultural research & production



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 site in any given year.

Strategy: Identify gaps in research, tools, and technologies and develop projects to address them.

Phytobiomes: Complex Systems of Plant-based Agriculture





Phytobiomes Alliance Sponsors



Upcoming Events



19-21 November 2024

St. Louis, MO, USA

www.phytobiomesconference.org

Registration & abstract submission
are open

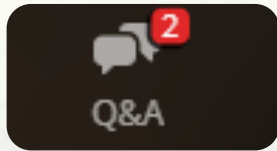


WEBINAR

- ▶ Thursday 4 April, 11:00am EDT
- ▶ GrainGenes: A Centralized Nexus for Small Grains Data and Communities
- ▶ **Presenter:** Taner Sen, USDA-ARS/UC Berkeley, USA
- ▶ **Registration:**
<https://tinyurl.com/4ptvhwx>

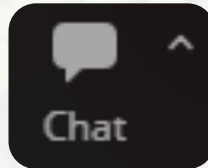
Webinar dashboard

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



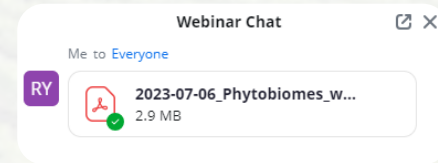
Questions

*Submit your questions
in the Q&A panel*



Chat

*Use the chat panel to
contact & 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 the Phytobiomes Alliance <http://eepurl.com/dqw51f> and the IWGSC <https://tinyurl.com/565zbjcw>

➤ **Plant Phenotyping – Technologies and Targets**

- **Presenter:**
Prof. Dr. Ulrich Schurr
Institute of Bio- and Geosciences (IBG-2):
Plant Sciences
Forschungszentrum Jülich, Germany

