

SEMINAR SERIES

The Ecosystem Genomics Initiative (EGI) is a nexus for coalescing University of Arizona strengths in environmental science, ecology, genome-enabled science, and 'big data' cyberinfrastructure to address this grand challenge.



Friday, Jan 28, 2022 | 12:00PM | Virtual

Dr. Yang Song

Assistant professor, Department of Hydrology and Atmospheric Sciences, College of Sciences

Topic: *The Challenge of Genomics for Ecosystem Modeling*

Expertise | Development, evaluation, and application of numerical models to assess the interactions between terrestrial biosphere processes and climate change, primarily focusing on 1) using metagenomics information to improve the representation of biogeochemical Carbon, Nitrogen, and Phosphorus cycles in earth system models, 2) improving parameterization of vegetation dynamics, with special emphasis on row crops and bioenergy crops, and their interaction with water and energy balances and soil Carbon, Nitrogen, and Phosphorus dynamics, and 3) interaction between climate change and extreme weather facts with food/bioenergy production.

Questions? Contact

Heather Ingram at hci@arizona.edu

Virtual on Zoom

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