

Water Research Seminar Series Spring 2021

WATERSHED RESEARCH AROUND THE COUNTRY

Iowa Nutrient Research Center

Wednesday, January 27, 3:00 p.m. - Reducing Nutrient Losses for Arkansas Agriculture: Results from the Arkansas Discovery Farm Program

Presenter: Mike Daniels, Extension Professor for Soil and Water Conservation, University of Arkansas. Research focus: Nutrient reduction practices, soil health, irrigation efficiency and edge-of-field monitoring.

Wednesday, February 24, 3:00 p.m. - Evaluation of Best Management Practices to Reduce Nitrate Loads Based on Watershed Characteristics, Baseflow Index and Groundwater Age

Presenter: Aaron Mittlestet, Assistant Professor of Biological Systems Engineering, University of Nebraska-Lincoln. Research focus: Evaluation of land use, climate change and management practices on water quality and quantity using modeling.

Wednesday, March 24, 3:00 p.m. - Watershed Modeling to Inform Agricultural Management in Western Lake Erie

Presenter: Margaret Kalcic, Assistant Professor, Ohio State University. Research focus: Watershed hydrology, decision support tools and watershed modeling.

Wednesday, April 28, 3:00 p.m. - Advancing Hydrologic and Water Quality Mitigation in Contemporary Watersheds: Lessons Learned through Application of the Experimental Watershed Approach

Presenter: Jason Hubbart, Professor of Physical Hydrology and Water Quality and director of the West Virginia University Institute of Water Security. Serves on the Chesapeake Bay Program Science and Technical Advisory Committee. Research focus: Physical hydrology, watershed management and water quality.

Wednesday, May 26, 3:00 p.m. - Linking Soil Health to Improved Water Quality Via Planting Cover Crops in Two Indiana Watersheds

Presenter: Jennifer Tank, Galla Professor in the Department of Biological Sciences and director of the Environmental Change Initiative, Notre Dame. Research focus: Cycling of nutrients in stream and rivers, and restoration of ecosystem function.

Register at <https://bit.ly/35AVFMt>. All sessions are scheduled for 3:00-4:00 p.m. Presentations are free and open to the public and will be recorded and posted on INRC's website with speakers' permission. Find more on the speakers and their research at www.cals.iastate.edu/inrc/events/. Contact: INRC Program Coordinator Malcolm Robertson, at malcolmr@iastate.edu.