



Jane Rossing Frankenberger, professor, department of agricultural and biological engineering, Purdue University, West Lafayette, Indiana, is being honored for impactful research and extension to improve agricultural drainage management, watershed leadership, and water quality.

Frankenberger is an internationally recognized agricultural engineer with noteworthy contributions in the areas of drainage and water quality, watershed modeling and management, and improving implementation of soil and water conservation. Her extension and research program has increased the capacity of agencies, producers, watershed coordinators, communities, and citizens to protect water quality while maintaining agricultural productivity. She has advanced drainage design and management, watershed modeling of agricultural systems, and soil and water conservation strategies, while delivering tools and strategies to stakeholders who can use them to inform decision making. During her career, Frankenberger has led several major projects that integrate research and extension, including the 9-state Transforming Drainage project that has led to increased understanding and implementation of conservation drainage strategies.

Frankenberger, with a team of researchers, extension specialists, and industry representatives, was awarded \$5 million to improve water quality and increase resiliency of drained landscapes through practices that increase water storage. This project has advanced drainage water management and water recycling through high impact research, extension, and education. Frankenberger also advanced hydrologic modeling through improving subsurface drainage representation and developing widely-used online training. She worked with colleagues to develop one of the first models to include variable source area processes of surface runoff in a spatially explicit way, which was used to improve conservation programs in the New York City Watershed. She has also impacted conservation strategies through service as a visiting scientist at US EPA and USDA, as USDA-NRCS Science Advisor for Water Quality, and on numerous panels advising agencies on conservation implementation.

A 29-year member, Frankenberger has served as a leader in many ASABE Technical Community committees. She is a current member of the Society Board of Trustees, chair of the Natural Resources and Environmental Systems drainage group, and past chair of the Education, Outreach, and Professional Development extension committee.

Frankenberger has authored or coauthored nearly 100 peer-reviewed research articles, extension publications, and book chapters. Throughout her career, Frankenberger has received numerous awards. Most recently, she was a member of teams that received the 2018 Experiment Station Section award for Excellence in Multistate Research, a 2016 USDA-NIFA Partnership award, and the 2014 Outstanding Achievement award from the Indiana Water Resources Association.