



**Kevin W. King**, Supervisory Agricultural Engineer and Research Leader, USDA Agricultural Research Service, Soil Drainage Research Unit, is being recognized for distinguished research in advancing the science and management of water quality in tile-drained landscapes.

King works to enhance creativity and productivity, providing technical leadership and supervision, and leads an interdisciplinary team of engineers and

scientists studying the complex natural resource interactions of implementing standard and novel conservation practices and their impact on soil and water quality. As an agricultural engineer, he has immediate responsibility for the hydrologic and water quality aspects of interdisciplinary research including development, design, and selection of conservation management practices to be tested, identifying and securing field and watershed test sites, developing data collection procedures, methods, and technologies and modeling approaches.

King is renowned for his achievements in developing cost-effective and management solutions to protect water resources in tile-drained landscapes. His soil and water engineering contributions extend worldwide. His research has advanced the understanding of rainfall, runoff, and recharge relationships for the Blackland Prairie region. He developed procedures and protocols for edge-of-field monitoring that led to his invitation by the Natural Resources Conservation Service (NRCS) Chief for Science and Technology Water Management Center director to provide guidance and oversight in the development of NRCS Water Quality Monitoring Conservation Activity Standards 201 and 202. He also evaluated and enhanced hydrology and water quality simulation technologies. These improvements have been incorporated into the SWAT framework being used internationally. In addition, he improved macropore flow routines in field scale models and P-index calculators to more accurately capture tile and drainage dynamics.

A 30-year member of ASABE, King has served on a number of ASABE committees. Currently, he is a member of the Natural Resources and Environmental Systems Drainage and Hydrology Groups. He is also a former member of the ADS/Hancor Soil and Water award committee and the Awards Coordinating committee.

King is author or coauthor of more than 290 peer-reviewed articles, book chapters, invited presentations, and other publications. Throughout his career, King has received a number of awards. Most recently, he received the USDA-ARS Midwest Area Research Leadership and Center Directorship award. He received the Ohio Chapter of Soil and Water Outstanding Member award and the Outstanding Agricultural Engineering Alumni award from Purdue University. He has received a number of publication awards from the Soil and Water Conservation Society and several awards for serving as a reviewer for ASABE journals.

