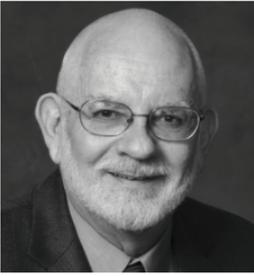


## ASABE 2022 Annual International Meeting



**Steven R. Evett**, Research Soil Scientist, USDA-Agricultural Research Service, is being honored for conducting outstanding research in soil and crop sensing, crop-water use, irrigation management, and scientific and agricultural technology applications worldwide.

As a Research Soil Scientist, Evett studies and develops soil water content and plant water stress sensors, supervisory control and data acquisition systems to control irrigation systems, and decision support systems for irrigation management.

Evett is a highly productive scientist who has studied and developed soil water content and plant water stress sensors, supervisory control and data acquisition systems to control irrigation systems, and decision support systems for irrigation management. Evett developed two automatic, real-time time domain reflectometry (TDR) systems to determine soil water content and bulk electrical conductivity in thin layers, and calibration methods, and hypothesized, invented implemented and tested methods, the hardware, software and firmware designs resulting in commercial systems used widely around the world. He applied the TDR systems to model evaluation, and to novel applications including field measurement of the soil thermal conductivity and water content relationship, accurate combination method soil heat flux corrections to the soil surface, and field measurement of soil hydraulic properties in conjunction with tension infiltrometer measurements.

A 33-year member of ASABE, Evett is a member on the ASABE Global Engagement and Global Conference committees. He has worked on water resource development and management, and soil and water conservation in China, Haiti, the Middle East and North Africa, sub-Saharan Africa, and Uzbekistan. He is a past president of the American Society of Agronomy, and past chair of the Alliance of Crop, Soil, and Environmental Science Societies. He maintains memberships with the American Society of Agronomy, the Crop Science Society of America, the Soil Science Society of America (SSSA), the American Geophysical Union, the American Association for the Advancement of Science, and the Soil and Water Conservation Society.

Evett is author or coauthor of 382 peer-reviewed articles, book chapters and other publications. He co-edited two books and is listed as an inventor on 5 US patents. Evett has received many awards throughout his career. Most prominently, the SSSA Don and Betty Kirkham Soil Physics Award, the SSSA Applied Soil Science Research Award, the US Department of Energy Federal Energy and Water Management Award, and the USDA Secretary's Honor Award of Excellence. He is also a fellow the American Society of Agronomy and the Soil Science Society of America.



Awards &  
Recognition