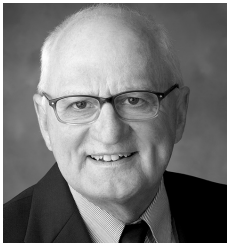


2018 ASABE Fellow



Dean E. Eisenhauer, PE, emeritus professor, biological systems engineering, University of Nebraska—Lincoln, is being honored for his broad and extraordinary contributions in teaching, extension, and research emphasizing engineering practices for improved water management in agriculture.

Prior to his retirement in 2015, Eisenhauer was a professor in biological systems engineering, where he taught courses in irrigation systems management, irrigation laboratory and field study, soil and water resources engineering, modeling of vadose zone hydrology, hydrologic modeling of small watersheds, and soil conservation and watershed management. In addition to his teaching responsibilities, he conducted research in agricultural hydrology and irrigation. His research in infiltration and irrigation made practical improvements in furrow irrigation management. He focused on simplifying complex soil physical infiltration equations for engineering applications. Eisenhauer developed a course on subsurface flow and transport to address vadose and groundwater system challenges related to groundwater depletion. Eventually, his work incorporated geographic information systems and decision support systems.

A 45-year member of ASABE, Eisenhauer has long participated in several Natural Resources and Environmental Systems committees, including Irrigation Management, Sprinkler Irrigation, and Hydrology group committees. He is also a past leader of the Irrigation Water Supply & Conveyance and Surface Irrigation committees and has served on the Award for the Advancement of Surface Irrigation and New Holland Young Researcher award committees. He has been a frequent and devoted leader within the ASABE Nebraska Section. Eisenhauer has also maintained memberships with the Irrigation Association, the Soil Science Society of America, and the Soil and Water Conservation Society of America.

Eisenhauer is author or coauthor of more than 90 peer-reviewed articles, book chapters, and other publications. Throughout his career, he has made a significant impact on extension publications, authoring or coauthoring 40 extension circulars, 45 magazine articles, and 41 extension meeting papers. Eisenhauer's career has been punctuated by many career awards, including the Institute of Agriculture and Natural Resources Omtvedt Innovation award, Senior Faculty Holling Family Award for Teaching Excellence and the Person of the Year award from the Irrigation Association. He received a commendation award from the the Soil & Water Conservation Society and the award for Outstanding Contributions to Agriculture in Nebraska from the ASABE Nebraska Section. In 2008, Eisenhauer was recipient of the ASABE Award for Advancement of Surface Irrigation.