



**MICHAEL D. DUKES, PE**, professor, Department of Agricultural and Biological Engineering, and director, Center for Landscape Conservation and Ecology, University of Florida, Gainesville, Florida is being honored for impactful and relevant research and extension in water conservation of irrigation systems.

As director of the Center for Landscape Conservation and Ecology, Dukes leads a multidisciplinary team that conducts research on water conservation and efficient irrigation with a focus on landscape irrigation. This research team develops and tests commercially available irrigation control technologies based on feedback from irrigated areas. They have documented water savings of hundreds of millions of gallons that otherwise would have been lost to inefficient irrigation. This research has been used to produce training sessions, trade journal articles, and extension publications that have been used to educate hundreds of stakeholders and industry professionals across the region. As a result, four highly populated counties across Florida have implemented a permitting policy that provides incentives for use of smart irrigation control technologies with irrigation systems. These technologies are now being adopted by agricultural interests, builders, and developers in urban areas.

A 22 year member of ASABE, Dukes has been an associate editor for Transactions of the ASABE since 2010 as well as a guest division editor for the Irrigation special collection. Dukes has served as both a proceedings editor and planning committee member for the ASABE Irrigation Association Symposium in 2010 and 2015. He has served as a leader on the Larry W. Turner Young Extension Professional award committee and on several Natural Resources and Environmental Systems Technical Community committees. Dukes has been active within the Florida Section, as both an involved member and leader, for the duration of his ASABE membership.

Dukes has authored or co-authored more than 250 peer-reviewed articles, conference proceedings papers, or trade publication articles. Throughout his career, Dukes has received many awards and has been the recipient of several paper awards from the Journal of Irrigation and Drainage Engineering. In 2016, Dukes was awarded the ASABE John Deere Gold Medal and in 2011 he was recipient of the ASABE Young Extension Worker award. He was the University of Florida, Water Institute Faculty Fellow from 2015-2018. He received the 2014 Excellence in Education award from the Irrigation Association Foundation. He was also the recipient of several ASABE Florida Section awards.