



Kati Migliaccio

Kati Migliaccio, PE, is the 2017 recipient of the G.B. Gunlogson Countryside Engineering award for superior research and extension programs fostering water conservation by irrigators in the eastern US.

Migliaccio is a professor in the Department of Agricultural and Biological Engineering at the University of Florida in Gainesville, Florida. She works in extension and research and also teaches courses in water conservation and hydrology. She is also a University of Florida Water Institute Fellow.

Migliaccio has used her knowledge of water engineering and technology to lead the development of mobile applications for irrigation scheduling linking science to decision makers of both agricultural and urban users. Results have shown significant water savings with use of soil water automated irrigation systems and evapotranspiration based systems as compared to set-and-forget systems. Migliaccio has established an excellent research, extension, and teaching program in water resources which address a wide spectrum of issues and ranges from scheduling agricultural irrigation to assessing nutrient loadings to receiving waters.

Migliaccio's research and extension programs have all the indicators of outstanding programs: they are well-funded from diverse sources, grant proposals have a very high funding rate, they are multidisciplinary, include graduate students, post-doctoral research associates, and partners from other institutions and organizations, their results are published in appropriate high quality research journals and extension outlets, and they address

the current and future needs of rural citizens of Florida. She was involved as lead investigator on a group that develops Smartirrigation apps for specific crops in Florida and Georgia. The application is a great stride forward providing agricultural producers with easily-accessible, actionable information that can be used to better schedule irrigation.

In addition to her research and extension work, Migliaccio is training the next generation of irrigation professionals. She has co-developed a new distance education graduate course on irrigation which has been extremely well received by students and the irrigation industry.

She has also co-lead a multi-county group in south Florida organizing an education symposium targeting key irrigation professionals.

An 18 year member of ASABE, Migliaccio has lent enormous expertise and time to many technical, awards, and executive committees. She is currently a trustee on the Society Board of Trustees and she is a member of the Refereed Publications committee and the Natural Resources and Environmental Resources Irrigation committee.

Migliaccio is an author or coauthor of more than 110 book chapters, refereed articles, and other publications. She is co-editor of *Water Quality Concepts, Sampling, and Chemical Analysis*, of which she wrote or cowrote seven chapters. She has received many awards throughout her career including several ASABE paper awards, an Educational Aids Blue Ribbon award, and several recognitions for being an editor and reviewer. She has also received three ASABE Florida Section awards.