



# Instructor and Staff Biographies



## Janice Yasui – SonTek/Xylem Product Manager ([Janice.Yasui@xyleminc.com](mailto:Janice.Yasui@xyleminc.com))

A part of the SonTek team since 2008, Janice combines her extensive SonTek technical knowledge with an understanding of customer needs to deliver the best products possible. Prior to SonTek, Janice enjoyed applying her academic background in oceanography to the practical world of hydrographic surveying for NOAA. Janice's water-based career started in the US Coast Guard, and while she is now land-based she is still fueled by a love of water and solving water resource issues.



## Dr. Marian Muste – Research Engineer, IIHR-HydroScience & Engineering/Adjunct Professor

Dr. Muste's main areas of research is environmental river hydraulics, experimental methods, and instrumentation. He has conducted extensive investigations on the capabilities of acoustic instrumentation and their use for discrete and continuous streamflow monitoring. He is lead editor for a recent book on Experimental Hydraulics and author or co-author of more than 200 peer-reviewed journal and conference papers and 75 technical reports. Dr Muste is expert for UNESCO's International Hydrologic Program and World Meteorological Organization Commission for Hydrology projects.



## Troy Lyons – Principal Engineer, IIHR-Hydroscience & Engineering, University of Iowa

Troy Lyons has expertise in design of hydraulic structures, physical modeling, river hydraulics, and computational hydraulics. He holds a B.S. and M.S. degree in Civil and Environmental Engineering from the University of Iowa. He has spent his career at IIHR focused on applied research of hydraulic structures using both physical and numerical modeling techniques. He currently serves as the Director of Engineering Services at IIHR – Hydroscience & Engineering, one of the nation's premier and oldest fluids-related research and engineering laboratories. Mr. Lyons's work appears in journals such as the Journal of Hydraulic Engineering and the Journal of Hydraulic Research. He is a registered Professional Engineer in the State of Iowa..



## Kevin Labbe – Xylem/SonTek Application Engineer ([kevin.labbe@xyleminc.com](mailto:kevin.labbe@xyleminc.com))

Kevin started his work with acoustics in 1996 and throughout his USGS career, was involved with Index Velocity computations. At the end of his tenure with the USGS, he was the database administrator and part of the Central Region Advisory Committee on Data. He began his new career with YSI in 2003, and has travelled extensively in the U.S. in support of both SonTek and YSI products and services.



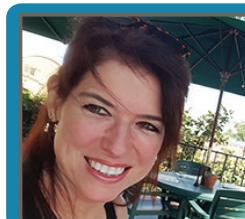
## Nate Young, Assoc. Director, Iowa Flood Center, IIHR-HydroScience & Engineering, University of Iowa

Nathan Young is a Research Engineer at the University of Iowa's IIHR-HydroScience & Engineering. Nathan has worked as a consulting engineer and academic researcher in field of river hydraulics, performing field measurements, laboratory experiments, and numerical simulations for river flows in support of a broad range of applications, including fish passage, aquatic habitat assessment, nutrient transport, and flood risk management



## Mark Lynch – Midwest Technical Sales, Xylem Analytics ([mark.lynch@xyleminc.com](mailto:mark.lynch@xyleminc.com))

Mark received a degree in Fish and Wildlife Conservation from the University of Illinois in Champaign/Urbana in 2009. He has worked for the USGS in Illinois as a hydrologic technician, where he was responsible for installing, operating, and maintaining surface water, groundwater, and water quality stations in Illinois. Over his ten-year USGS career, he transitioned from a tech that installed and operated gaging stations, to an instructor and mentor for various aspects of work including data management, hydro-acoustics, and systems efficiencies within the government context. In 2017, he joined Xylem and now works with customers throughout the Midwest supporting their water related projects.



## Christina Iarossi – SonTek Senior Marketing Manager ([christina.iarossi@xyleminc.com](mailto:christina.iarossi@xyleminc.com))

Chris has a degree in broadcast journalism from the University of Guam and started her career as a reporter and news anchor for an NBC affiliate station on Guam, and correspondent for CNN Asia. She was later recruited by Citigroup as Public Relations/Marketing Communications Manager, working in the financial services industry for eight years managing the "Citibank Women in Business" program and establishing strategic alliance partnerships with world-recognized brands such as Shell Inc. and United Airlines. She eventually relocated to San Diego and joined the SonTek team in 2006.