

# Speaker Biographies



**Ben Stanford** is the Director of Applied Research at Hazen and Sawyer in New York City. Dr. Stanford joined Hazen and Sawyer in 2009 from the Southern Nevada Water Authority in Las Vegas, NV, where he worked with Shane Snyder on a variety of drinking water, wastewater, and reuse projects. Dr. Stanford's current work ranges from understanding the impacts of climate change on water quality to investigating advanced treatment technologies for water treatment and water reuse, among others.



**Mary Sadler** received her Masters Degree in Environmental Engineering from Virginia Tech in 1998 and her Bachelors of Civil Engineering from Virginia Tech in 1997. She is an associate with Hazen and Sawyer in Raleigh, North Carolina. She specializes in municipal wastewater treatment processes and modeling, the design of advanced wastewater treatment facilities, and environmental permitting. Her experience includes the design of three submerged membrane bioreactor facilities in the southeast.



**Erik Rosenfeldt** joined Hazen and Sawyer from the University of Massachusetts, where he was an assistant professor in the Environmental Engineering and Water Resources Program in the department of Civil and Environmental Engineering. A senior principal engineer, Dr. Rosenfeldt's work focuses on understanding advanced physical and chemical treatment technologies for emerging contaminants in drinking water and water reuse applications including sorption techniques, UV, ozone, and advanced oxidation technologies.



**Detlef Knappe** is a Professor in the Department of Civil, Construction, and Environmental Engineering at NC State University. He received his BS, MS, and PhD degrees from the Department of Civil and Environmental Engineering at the University of Illinois at Urbana-Champaign, and he joined the NC State faculty in 1996. Focus areas of Dr. Knappe's research include adsorption and oxidation processes with a special emphasis on the removal of trace organic contaminants.