



Wisconsin Public Utility Institute

UNIVERSITY OF WISCONSIN-MADISON



GREG HARRINGTON

University of Wisconsin-Madison

Greg Harrington is a professor in the department of Civil and Environmental Engineering at the University of Wisconsin-Madison where he has been since 1996. He currently serves as the department's associate chair, responsible for oversight and accreditation of its 400-student undergraduate program. Greg's research and teaching interests primarily involve drinking water treatment, distribution, and regulatory policy. He has participated in research involving:

- control of bacterial regrowth in distribution systems, including control of nitrifying bacteria in chloraminated distribution systems
- removal of emerging waterborne pathogens with conventional filtration
- inactivation of emerging waterborne pathogens with chlorine, ozone and ultraviolet irradiation
- inactivation of cyanobacterial toxins with chlorine
- control of disinfection byproduct formation
- modeling of disinfection byproduct formation
- chemistry of disinfection
- removal of disinfection byproduct precursors

Greg also teaches courses in physical/chemical treatment processes, drinking water treatment plant design, and public health principles for environmental engineers. Additionally, he has several years of experience as a consulting engineer with Malcolm Pirnie (now Arcadis), having participated in numerous paper, bench-scale, and pilot-scale studies across the United States for systems ranging in size from 1 mgd to 1,000 mgd; and he has participated in the development of federal regulations for control of disinfectants and disinfection byproducts. From 2000-2011, Greg served on the board of the Madison (WI) Water Utility, the latter two years as its president. His experience in research, teaching, practice, utility governance, and regulatory development give him a broad perspective of the issues involved in the drinking water industry. Greg received his bachelor's degree from Stanford University and both his master's and his PhD from the University of North Carolina at Chapel Hill.