



# Water Treating Panel Discussion

Monday, February 6, 2012 from 2:00p - 3:30p



This year's panel discussion will be on:



**EPA's health-based national air quality standard PM-10 presented by Kenneth Hennon, P.E.** - Ken Hennon is the Business Leader at Clean Air Engineering, Inc. and an active member of the CTI and ASME. He has authored several CTI, EPRI, and AWMA papers addressing cooling tower related issues with an emphasis on cooling tower emissions. Ken currently serves as the committee chairman for the CTI Drift Emissions test code (ATC-140) and is the chairman of the CTI Performance and Technology Committee. Ken holds a BS in Petroleum Engineering from the University of Missouri-Rolla and a MS in Environmental Engineering from the University of Tennessee. Ken is licensed engineer in the State of Tennessee.



**The ASHRAE Standard 188P and what it means to the operation of commercial cooling systems** presented by Dr. Janet Stout - Dr. Stout received her BS in Biology from Clarion State College, Clarion, Pennsylvania; and her Masters and PhD degrees in Microbiology from the University of Pittsburgh. She is currently the Director of the Special Pathogens Laboratory in Pittsburgh, PA and an Associate Professor in the Department of Civil and Environmental Engineering University of Pittsburgh. Dr. Stout elucidated the link between the presence of *Legionella* bacteria in hospital water systems and hospital-acquired Legionnaires' disease. She has authored more than 80 peer review papers and book chapters on the environmental microbiology and epidemiology of Legionnaires' disease. She has been instrumental in the development of methods and strategies for the prevention of infections due to Legionella and other waterborne pathogens. Dr. Stout is a member of the American Society for Microbiology, the Association for Professionals in Infection Control, and the American Society of Heating, Refrigeration and Air-conditioning Engineers (ASHRAE).



**Energy Efficiency Standard – Title 24 as it relates to operation of cooling systems presented by Frank Morrison** - Frank Morrison is Manager of Global Product Marketing and Business Development for Baltimore Aircoil Company. With over 30 years of experience in the evaporative cooling industry, Frank has held positions in engineering, research & development, and marketing. He has authored several CTI technical papers and an ASHRAE Journal article. Frank currently serves as a voting member on ASHRAE SSPC 90.1, Vice-Chair of ASHRAE TC03.06 (Water Treatment), a corresponding member of ASHRAE TC08.06 (Cooling Towers and Evaporative Condensers), and Chair of the CTI Marketing Committee. Frank holds a BSME from Drexel University and an MBA from Loyola University Maryland.