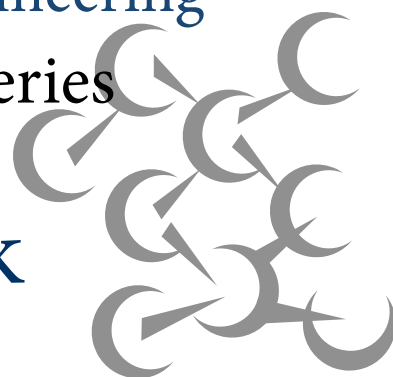


Chemical & Environmental Engineering 2009 - 2010 Colloquium Series

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Mississippi River Water Quality and the Clean Water Act: Progress, Challenges, Opportunities

The National Research Council of the National Academies been conducting an evaluation of the implementation of the Clean Water Act in protecting and restoring water quality along the entire length of the Mississippi River. This effort has involved a comprehensive analysis of the progress that has been made with respect to water quality in the Mississippi River, the range of water quality challenges that remain, and the opportunities to address those challenges in the framework of the Clean Water Act. David Dzombak has been involved with this effort from its inception in 2005, and is currently serving on an NRC committee that is working on specific aspects of recommendations from the initial committee effort which he chaired. He will provide an overview of the findings and recommendations of the comprehensive study, and discuss the potential for the Clean Water Act to meet the water quality management challenges of the Mississippi River.

David Dzombak is the Walter J. Blenko, Sr. Professor of Environmental Engineering in the Department of Civil and Environmental Engineering at Carnegie Mellon. The emphasis of his research and teaching is in water quality engineering and environmental restoration. At Carnegie Mellon he is Associate Dean for Graduate and Faculty Affairs for the College of Engineering, and Faculty Director of the Steinbrenner Institute for Environmental Education and Research. Dr. Dzombak received his Ph.D. in Civil-Environmental Engineering from the Massachusetts Institute of Technology in 1986. He also holds an M.S. in Civil-Environmental Engineering (1981), a B.S. in Civil Engineering from Carnegie Mellon University (1980), and a B.A. in Mathematics from Saint Vincent College (1980). He is a registered Professional Engineer in Pennsylvania, a Diplomate of the American Academy of Environmental Engineers, and a member of the National Academy of Engineering.