

# Agenda

**TUESDAY, MARCH 11, 2008**

## **Opening Session - Mystic Ballroom**

- 7:30 a.m. - 8:30 a.m. Registration and Continental Breakfast - Exhibit Hall Foyer
- 8:30 a.m. - 8:50 a.m. Welcoming Remarks - Ron Poltak, NEIWPC and Gina McCarthy, CT DEP  
8:50 a.m. - 9:10 a.m. Opening - Robert W. Varney, Regional Administrator, EPA-New England  
9:10 a.m. - 10:00 a.m. Keynote Address - *Can We Afford Performance?* - Richard J. Otis, Ph.D., P.E., DEE, Otis Environmental Consultants, LLC
- 10:00 a.m. - 10:30 a.m. Break (sponsored by Geomatrix Systems) – Opening of Exhibit Hall

## **Session A: Technology** *(Concurrent Onsite A to Z Session begins in Conference Room 5, see pg. 4)*

- 10:30 a.m. - 11:00 a.m. *Comparison of Nitrogen Performance Data Collected from Advanced Onsite Septic Treatment Units Under Field Conditions vs. a Testing Center Venue* - George Heufelder, M.S., R.S. Barnstable County Dept. of Health and Environment  
11:00 a.m. - 11:30 a.m. *Using Bottomless Sand Filters as a Soil Treatment Area Option* - George Loomis, Director of the New England Onsite Wastewater Training Center  
11:30 a.m. - 12:00 p.m. *Cluster Scale Decentralized Systems* - Peter Grose, P.E., Fuss & O'Neill, Inc.
- 12:00 p.m. - 1:00 p.m. Lunch - Exhibit Hall Foyer

## **Session B: Technology**

- 1:00 p.m. - 1:30 p.m. *Key Issues in Designing Commercial Systems* - William Stuth, Aqua Test, Inc.  
1:30 p.m. - 2:00 p.m. *Operation Adjustments of Commercial Systems* - William Stuth, Aqua Test, Inc.  
2:00 p.m. - 2:30 p.m. *Rapid Infiltration Basin System with Effluent Recycling at Mount Washington Hotel and Resort* - Jon Warzocha, P.G., Horizons Engineering, P.L.L.C.
- 2:30 p.m. - 3:00 p.m. Break - Exhibit Hall

## **Session C: Management**

- 3:00 p.m. - 3:30 p.m. *Business Attributes of a Successful Responsible Management Entity* - Tom Yeager, P.E., Kennedy/Jenks Consultants  
3:30 p.m. - 4:00 p.m. *Performance of Innovative Alternative Onsite Septic Systems for the Removal of Nitrogen in Barnstable County, MA (1999-2007)* - Susan Rask, M.S., R.S., Barnstable County Dept. of Health and Environment  
4:00 p.m. - 4:30 p.m. *Twenty Years of Successful Onsite Wastewater Management - The Otter Tail, MN Water Management District* - Sara Christopherson, M.S. Onsite Sewage Treatment Program, Water Resource Center, University of Minnesota  
4:30 p.m. - 5:00 p.m. *Utility Solutions for a Changing World* - Bob Pickney, P.E., Adenus Solutions Group
- 5:00 p.m. - 7:30 p.m. Reception - Exhibit Hall (cash bar)

**WEDNESDAY, MARCH 12, 2008****General Session - Mystic Ballroom** (*Concurrent Onsite A to Z Session in Conference Room 5, see pg. 4*)**Session D: Management/Pollutant Removal**

- 7:00 a.m - 8:00 a.m. Continental Breakfast - Exhibit Hall
- 8:00 a.m. - 8:30 a.m. *Where are They Now? Results of a Community Wastewater Management Demonstration Project* - Lorraine Joubert, M.S., Director of Rhode Island Nonpoint Education for Municipal Officials Program (NEMO)
- 8:30 a.m. - 9:00 a.m. *Financing Infrastructure Utilizing State Revolving Funds* - Anthony Simeone, Executive Director of the RI Clean Water Finance Agency
- 9:00 a.m. - 9:30 a.m. *New Jersey Pinelands - Alternate Design Wastewater Treatment Systems Pilot Program* - Ed Wengrowski, Wastewater Management Coordinator, NJ Pinelands
- 9:30 a.m. - 10:00 a.m. *Implementing TMDLs to Restore and Protect Coastal Water Quality of Cape Cod* - Thomas Cambareri, M.S., Cape Cod Commission
- 10:00 a.m. - 10:30 a.m. Break (sponsored by Soil Air™ Systems) - Exhibit Hall

**Session E: Pollutant Removal**

- 10:30 a.m. - 11:00 a.m. *Water Softener Update* - James Converse, Ph.D., Professor Emeritus, University of Wisconsin-Madison
- 11:00 a.m. - 11:30 a.m. *Nitrogen Reducing Onsite Wastewater Treatment Systems for Small Residential Lots* - David Kalen, M.S., New England Onsite Wastewater Training Program Manager
- 11:30 a.m. - 12:00 p.m. *Phosphorus Removal by Soils in New England* - Delbert Mokma, Ph.D., Professor of Soil Sciences, Michigan State University
- 12:00 p.m. - 1:00 p.m. Lunch - Exhibit Hall Foyer

**Session F: Pollutant Removal**

- 1:00 p.m. - 2:00 p.m. *Source Control for Enhanced Decentralized Wastewater Management* - George Tchobanoglous, Ph.D., Professor Emeritus, University of California-Davis
- 2:00 p.m. - 2:30 p.m. *Troubleshooting Nitrification* - Michael Gerardi, M.S., Water Pollution Biology, Inc.
- 2:30 p.m. - 3:00 p.m. Break - Exhibit Hall

**Session G: Pollutant Removal/Emerging Issues**

- 3:00 p.m. - 3:30 p.m. *The Role of Onsite Sewage Disposal in Restoring the Chesapeake Bay* - Jay Prager, Deputy Program Manager, Maryland Department of the Environment
- 3:30 p.m. - 4:00 p.m. *Fate of Antibiotics in the Subsurface: Influence of Compound Structure and Solids Composition* - Allison MacKay, Ph.D., Associate Professor, University of Connecticut
- 4:00 p.m. - 4:30 p.m. *Effectiveness of Onsite Systems in Removing Pharmaceuticals and Personal Care Products* - George Heufelder, M.S., R.S. Barnstable County Dept. of Health and Environment
- 4:30 p.m. END OF CONFERENCE
- 5:00 p.m. - 7:00 p.m. YOWA Board Meeting - Conference Room 5

## THURSDAY, MARCH 13, 2008

### Session H: Optional Field Trips - Separate Registration Required

- 8:00 a.m. - 9:00 a.m. Registration and Continental Breakfast - North Entrance Ballroom Foyer and Mystic Salons A and B
- 9:15 a.m. Depart for Field Trip Sites on busses (box lunches provided)
- 9:30 a.m. – 3:00 p.m. Field Trip Options:
- 1) New England Onsite Wastewater Training Center at URI and Technology Demonstration Sites*
  - 2) Septic System Tools of the Trade Tour*
  - 3) Connecticut Commercial Systems Tour*
- 4:00 p.m. Return to Hotel

***Due to multiple stops, scheduling, and private properties being visited, individual vehicles are not allowed on the field trips. All field trip attendees must leave and return to the Mystic Marriott Hotel on the busses provided. Sorry, no exceptions.***