

**NORTHEAST REGIONAL GEOTHERMAL WORKSHOP**

**U.S. EPA New England Regional Laboratory  
North Chelmsford, Massachusetts  
March 29, 2011**

**AGENDA**

- 8:30 AM Registration**
- 9:00 AM Welcome**
- 9:05 AM Geothermal Systems 101**  
Kevin Maher, Thermonexus, LLC; President, New England Geothermal Professional Association
- 9:30 AM Status of the Geothermal Industry**  
Mark Worthington, Underground Energy, LLC
- 9:55 AM Overview of Environmental and Water Resources Concerns**  
Andrew Stone, American Ground Water Trust
- 10:20 AM Water Quality Concerns Related to Geothermal Systems in NH**  
Stephen Roy, New Hampshire Department of Environmental Services
- 10:45 AM BREAK**
- 11:00 AM Environmental Considerations for Geothermal Ground Heat Exchangers – A Massachusetts Case Study**  
Don Maggioli, Alares LLC
- 11:25 AM Antifreeze in Geothermal Ground Loops: Selection Protocol and Case Studies**  
Lloyd Hamilton, Verdae, LLC
- 11:50 AM Geothermal Installation at Stockton College and New Jersey Regulations**  
Lynn Stiles, The Richard Stockton College of New Jersey; IF Tech USA (via webinar)

- 12:15 PM LUNCH**
- 1:00 PM NGWA's Development of ANSI Well Construction guidelines and best suggested practices document**  
Kevin McCray, National Ground Water Association
- 1:25 PM New Regulations for Geothermal Drilling in Connecticut**  
John Sima, Hydro Dynamic Engineering, LLC; Vice-President,  
Connecticut Geothermal – Chapter of ISGHPA
- 1:50 PM Introduction of the Newly Created New England Geothermal Professional Association**  
Kevin Maher, NEGPA
- 2:15 PM National Survey of State Regulations on Closed Systems**  
Kevin McCray, NGWA
- 2:40 PM BREAK**
- 2:55 PM Review of Existing State Regulations in New England and NY**  
Joe Cerutti, Massachusetts Department of Environmental  
Protection
- 3:20 PM State Roundtable to Discuss Need/Topics for Future Regulations**  
Moderator: Denise Springborg, U.S. EPA Region I
- 4:00 PM Wrap Up and Adjourn**