



*Environmental & Water
Resources Institute Boston
Chapter*

Thursday, February 6, 2014

Karl R. Kennison Lecture

**Alternatives for Managing the Nation's Complex
Contaminated Groundwater Sites**

**Dr. Kurt Pennell, PE
Tufts University**

Department of Civil and Environmental Engineering

**Revere Hotel/Boston Common, 200 Stuart Street, Boston, MA
5:30 PM Social/Registration; 6:00 PM Dinner; 6:30 PM Presentation**

\$75 Members, \$85 Non-Members

\$65 Public Sector Members, \$75 Public Sector Non-Members

\$25 Student Members (first 5 registrants*), \$60 Senior Members (65+)

*The first five students can register at the \$25 rate; students who register after that will pay the regular student member rate of \$60

At least 126,000 sites across the United States still have contaminated groundwater, and their closure is expected to cost at least \$110-\$127 billion. About 10% of these sites are considered "complex," meaning restoration is unlikely to be achieved in the next 50 to 100 years. Dr. Pennell, coauthor of "Alternatives for Managing the Nation's Complex Contaminated Groundwater Sites," will present the findings of this report and describe the management of these complex sites. Highlights of the report include a recommendation that consideration be given for a transition from active remediation to long-term management at those sites where contaminant concentrations have plateaued above cleanup goals. This would allow for risks to be monitored and harmful exposures prevented at reduced costs.

Registration Deadline: January 30, 2014

Information/Registration: Register to attend this meeting and pay by credit card online <http://bit.ly/Kennison2014>. To register online for an event at the BSCES member rate you must login using your BSCES assigned username and password. If you do not know your login information call 617/227-5551. Register by mail or email by downloading the registration form at <http://bit.ly/BSCESRegForm> and following the submission instructions. Cancellations received after January 30, 2014 and no-shows will be billed.



**This presentation provides
1.0 Professional Development
Contact Hours (PDH)**