



Association of Engineering Geologists Newsletter

January 2012

New England Section

Thursday January 19th, 2011 Meeting

Topic: GEOTHERMAL HEATING AND COOLING SOLUTIONS IN NEW ENGLAND

Speaker: Melanie Head, PhD, Manager, EnergySmart Alternatives, LLC

Melanie Head, PhD from EnergySmart Alternatives will be presenting a crash course in geothermal heating and cooling applications in New England. Although relatively unknown, it is the most efficient system available for heating and cooling buildings.

EnergySmart's most recent residential installation in Leominster, MA will be presented as a case study detailing the sale, design, permitting, demolition, and installation phases of the project.

The different funding opportunities that are currently available for residential new construction and retrofits will be discussed. When taking advantage of incentives, the return on investment (ROI) can be 10 to 15% for a retrofit and can be cheaper to install than conventional systems in new construction scenarios.

Chairman's Message

Happy New Year!!

I trust everyone enjoyed their holiday season and the feasting that goes along with it. Now that we're hopefully done with our turkey comas, we can enjoy the rest of the 2011-2012 AEG season. I would like to remind everyone that dues can be paid either via the website (www.aegweb.org) or by mail (AEG PO Box 460518 Denver CO 80246 Attention: Membership department). Please continue to enjoy the magazine subscription and all the information that AEG has to offer.

I would also like to remind everyone that we're planning on having the 2012 Annual Spring Symposium in either March or April. There will be more information to follow. If you are interested in giving (or volunteering someone else) a short 20min talk with about 5 min of questions to follow, please contact either myself (smarcassoli@haleyaldrich.com) or Mario Carnevale (mcarnevale@hagergeoscience.com). – *Steve*

Contacts & Updates

To update your mailing information or submit input for this newsletter, contact Andrew Koenigsberg at 508-836-8844 or e-mail him at amk32@cornell.edu. Mail all checks for dues or meeting reservations to **Heather Haley, GEI Consultants, Inc., 400 Unicorn Park Drive, Woburn, MA 01801**. Call or email Heather Haley for reservations if you will be paying at the meeting: hhaley@geiconsultants or call her at 978-774-5042.

National Newsletter Contributions

Send Brad Miller Section news items for the national AEG Newsletter. Please contact him at (617) 863-6237 or bradford.a.miller@gmail.com. People can send him content anytime, and he can help expand on the subject if

necessary.

News We Can Use?

If anyone has an announcement or request they want to get out to the membership, please contact Andy Koenigsberg at amk32@cornell.edu. We can publish them in our monthly newsletter or send out a special email distribution if the information has to get out on short notice. We are also looking for more contributions to the web site.

Newsletter Distribution by E-mail

If you are not on our e-mail list but would like to be, please e-mail Andy at amk32@cornell.edu so we can add your name to our growing list. Please print this e-mail and post it at work for your peers to see, or forward it to those you think may be interested.

AEG on the Web

National Web Site <http://www.aegweb.org/>

Chapter Web Site <http://www.aegne.org>

Important Note for New Hampshire P.G. Licensees

Every time you attend a monthly AEG meeting, you earn one (1) CEU towards continuing education for the NH PG renewal. In addition, the regulations state that “*Active participation in professional or technical societies shall equal one continuing education hour per year and shall require that the licensee serve as an officer and/or actively participate in a committee of the organization.*”

Cave of Forgotten Dreams

Did you ever wonder what people did while waiting for the glaciers to melt? Here is the answer; they painted. A discovery a few years ago in France found pristine drawings, made about 32,000 years ago. The public is not allowed in the cave, but a movie was released on it this year; "Cave of forgotten dreams" by Werner Herzog. Warning, it drags some and the music is awful, but it shows some great art, including some of extinct animals. Some members might be interested in it. It can be rented on Netflix or is probably available in most public libraries.
– Pat Barosh

Upcoming GSA Meetings

GSA Environmental & Engineering Geology Division - Northeast Section Meeting and Annual 2012 Meeting is coming up this year. There are several theme sessions on environmental and engineering geology topics, which can be found at <http://www.geosociety.org/Sections/ne/2012mtg/techProg.htm>. We encourage you to submit an abstract and/or attend the Section Meeting.

We would also like to invite you to participate in the upcoming GSA Annual Meeting in early November 2012 in North Carolina. (<http://www.geosociety.org/meetings/2012/>). We will likely have topical sessions at this meeting focused on insights into geologic processes and hazards acquired through recent advances in technology. 2012 is the 65th anniversary of the Environmental & Engineering Geology Division and we will be highlighting this accomplishment and hope you can celebrate with us!

Meeting Details:

Thursday, January 19th, 2011, Hilton Hotel, Woburn MA, (781) 932-0999

Reservations: Please do your best to phone in or email in ALL reservations by Monday, January 16th. We can take a limited number of walk-in attendees; however, for planning purposes, we would prefer that you make a reservation. Payment in advance of the meeting is preferred or you can pay at the door for an extra \$2.00. If you are a no-show, we will bill you for the cost of the meal. To pay in advance, send a check payable to AEG, New England Section, to **Heather Haley, GEI Consultants, Inc., 400 Unicorn Park Drive, Woburn, MA 01801**. Call Heather Haley for reservations by phone at 978-774-4063.

The dinner menu consist of a buffet including vegetarian and a meat dish, vegetables, rolls, salad and the usual deserts with the caloric content of the rest of the meal put together.

| | | |
|------------------|----------------------------|--------------|
| Schedule: | Board of Directors Meeting | 5:00-5:30 PM |
| | Social Hour | 5:30-6:30 PM |
| | Cash Bar | 5:00-7:30 PM |
| | Dinner | 6:30-7:30 PM |
| | Talk | 7:30-8:30 PM |

| | | |
|--------------|---------------------------------------------------------|------|
| Cost: | AEG National Members and Northeast Section Subscribers: | \$36 |
| | Students: | \$10 |

Directions: Directions - Take Route 128 (a.k.a. I-95) to Exit 36 (Washington St.). Proceed south on Washington St. to the second traffic light and get in the left hand turn lane. Turn left onto Cedar St. then take the right fork onto Forbes Road. The hotel should be directly in front of you.



| Name(s) | Email Address | Membership Status: | | | | Amount Enclosed |
|---------------------|---------------|---------------------------|--------------|---------|------------|-----------------|
| | | National | NE - Section | Student | Non-Member | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| Day Phone #: | | Total # Attending: | | | | |
| | | Total \$ Amount: | | | | |