



# IAEP Network

## IAEP 2009 Board of Directors

### Nathan Quaglia, President

O'Connell, Tivin, Miller & Burns, LLC  
 nquaglia@djoalaw.com  
 (847) 741-4603

### Gregory Merritt, Vice President

Environmental Resources Management, Inc.  
 greg.merritt@em.com  
 (847) 258-8929

### Christopher B. Burke, Treasurer

Christopher B. Burke Engineering  
 cburke@cbbel.com  
 (847) 823-0500

### Ronald Deverman, NAEP Chapter Representative

HDR Inc.  
 Ron.deverman@hdrinc.com  
 (773) 867-7276

### Debra Hatchett, Executive Administrator

birdman@ripco.com

### Bill Forcade, Membership Chairman

Jenner & Block  
 bforcade@jenner.com  
 (312) 923-2964

### Eric Sikora, Newsletter Editor

The Sigma Group  
 esikora@thesigmagroup.com  
 (414) 643-4200

### Board Members at Large

Kelly Tzoumis  
 DePaul University  
 Kellytzoumis@ameritech.net

### Richard Hayes

Patrick Engineering, Inc.  
 RHayes@patrickengineering.com  
 (630) 795-7200

### Tom Guist, Past President

Atwell-Hicks, Inc.  
 tguist@atwell-hicks.com  
 (630) 577-0800

### Robert Sliwinski

Christopher B. Burke Engineering, Ltd.  
 rsliwinski@cbbel.com  
 (847) 823-0500

### Ken Kopija, jr., Webmaster

Christopher B. Burke Eng.  
 kkopija@cbbel.com

### Jenner & Block

Christopher B. Burke Engineering  
 Host Corporations

## President's Pen by IAEP President Nathan Quaglia

Greetings! Spring is right around the corner and with it, some upcoming IAEP events. First, don't forget to renew or join the IAEP to remain abreast of our upcoming seminars, job fairs and yearly golf outing.

Per my previous President's Pen last fall, we are currently working in conjunction with the Army Corps of Engineers to secure speakers to comment on the Economic Stimulus Package. Our hope is to provide some valuable insight into the state of economic affairs as it relates to our respective environmental businesses, and the positive impacts the stimu-

lus package may have in certain sectors, particularly renewable energy. Stay tuned to our website and email alerts as our seminar schedule firms up later this Spring.

The National Association of Environmental Professionals (NAEP) is holding its yearly conference May 2-6 in Scottsdale, AZ. The conference is entitled "Making Sustainability Happen: Goals, Practices and Challenges." Ron Deverman, our NAEP liaison, has included an NAEP update along with some additional conference details in the pages that follow.

Changing gears a bit, there's no doubt the economy has affected someone you

know in the environmental industry in some way. Speaking on behalf of the Board, we are exploring methods to support to the extent possible those in need of networking, establishing new business contacts and identifying job leads. Currently the IAEP is intending to either host or participate in upcoming job fairs. Throughout our Board of Directors and our membership exists a wealth of contacts that no doubt could be put use to help our fellow Illinoisans to find fruitful employment in the environmental arena. That being said, help us help you! In addition to networking events we will be planning for the near future, please do not hesitate to contact any of us on the Board and suggest other

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## NAEP News Bulletin

**34th Annual Conference.** The 2009 NAEP national conference is fast approaching. The conference will be held from May 2 through May 6 in Scottsdale, Arizona. You can obtain information at [www.naep.org](http://www.naep.org) and register online at <https://commerce.podi.com/naep/index.cfm>.

**New CEP Search Portal.** Have an environmental question, situation, or project and need help? Want to find other CEPs with expertise in specific areas? ABCEP is introducing a member search portal that enables anyone to search listed CEPs using a keyword/specialty area, geographic location, or by name. Besides linking information seekers to knowledgeable CEPs, it also enables CEPs to search for other CEPs when confronting situations outside his/her circle of expertise. This searchable database adds a new benefit to employers and customers by adding value to the individual CEP's marketability. Find the search portal at [www.abcep.org](http://www.abcep.org).

**35th Annual Conference Planning.** Planning for the 2010 Annual NAEP Conference to be held in Atlanta, GA is already underway.

**NAEP Elections.** Elections for new Executive Officers of the NAEP Board of Directors are currently being held. New officers will be announced in April.

**Is it time to  
renew your  
membership?**

**Send in your  
renewal  
today.**

**See the back  
page of this  
newsletter to  
mail it in  
today.**

## Chapter News and Local Happenings

### Essay Contest Announced for 2009 Scholarship Program

IAEP has opened the essay competition for this year's IAEP Scholarship Program. Please visit [www.iaepnetwork.org](http://www.iaepnetwork.org) for complete information or see the flyer included in this newsletter. The deadline for the receipt of essays and other application materials is May 1, 2009. The scholarship is an effort to increase student's interest in the environmental profession and to support them in defining their career goals. The scholarship opportunity consists of one \$1,000 award to aid a student in his/her education related expenses.

### Government Contracting Small Business Symposium

The Quad Cities Regional Government Contracting Small Business Symposium will be held on May 7 and 8, 2009 at the Quad Cities Waterfront Convention Center. See the flyer included in this newsletter.

**Check us out  
on-line at:**

**<http://www.iaepnetwork.org/>**

## Illinois Environmental News: Bacterial Concerns for Groundwater-Based Water Supplies

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Earlier this month, the Illinois Environmental Protection Agency announced that it has issued a Drinking Water Alert to residents of two Kankakee-area subdivisions due to concerns that fecal coliform and *E. coli* bacteria may be present in the community water supplies that they use. Windmill Estates and Skyview Subdivision residents are being urged to boil their tap water before

groundwater as their tap water source.

The presence of fecal coliform bacteria, including *E. coli*, in a groundwater-based water supply typically results when runoff from animal facilities or wastewater from household septic systems penetrates deep enough into the ground to reach water-bearing rock strata that the wells tap. Both potential sources

of contamination are more likely than those at homes discharging to public sewers.

**The 2009 IAEP Student Scholarship Essay Contest is now open. See pages 4-5 of this newsletter to get more information.**

Community water systems such as those of Windmill Estates and Skyview Subdivision are subject to state-

**Check us out  
on-line at:**

**<http://www.iaepnetwork.org/>**

use or to use bottled water to avoid illnesses caused by any fecal coliform bacteria, including *E. coli*, which may be present in the water. The alert was not prompted by test results but was done as a precautionary measure because of a lapse in monitoring of the water supplies. Both community systems employ

are common in the rural and semi-rural areas of the American heartland. A Penn State study indicates that water from 33% of sampled household wells in Pennsylvania was positive for fecal coliform bacteria, and *E. coli* was found in 14%. Water wells at residences that also possess septic systems had a higher in-

level regulation, and mandated testing provides a level of comfort. But outside of larger municipalities or subdivisions possessing water treatment infrastructure or treated water purchase arrangements and a water distribution network, households typically obtain their water by continu-

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## Illinois Association of Environmental Professionals

[www.iaepnetwork.org](http://www.iaepnetwork.org)

### The IAEP Scholarship Program: Essay Contest

#### THE IAEP ....

- Is a multi-disciplinary society of professionals whose experience and practice relates directly to enhancing environmental quality.
- Unites practitioners in business, government and education.
- Promotes public and professional informed awareness of issues affecting environmental quality.
- Supports professional development and transfer of knowledge in environmental planning, research, management, and evaluation; and encourages incorporation of environmental concerns in planning and decision making.

#### THE SCHOLARSHIP...

Is an effort to increase student's interest in the environmental profession and to support them in defining their career goals. The scholarship opportunity consists of one **\$1,000** award to aid a student in his/her education related expenses.

#### ELIGIBILITY

- Be a United States citizen or permanent resident.
- Be a full time student enrolled in at least his/her sophomore year at an accredited 4 year undergraduate college.
- Have a cumulative GPA of 3.0 or higher on a 4.0 scale (or equivalent on a 5.0 scale)
- Have a declared major in a science, engineering or policy related discipline. The following are examples of acceptable majors: civil, chemical or environmental engineering, environmental science, environmental studies, biology, hydrogeology, geology, ecology, industrial hygiene, toxicology, environmental policy.  
NOTE: this list is not exhaustive.

**Employment Experience:** Please attach a current resume.

**Recommendations:** Please include two written recommendations, at least one being from a university official.

**Personal essay:** On an attached sheet, please write a short essay of 1000 words or less describing one of three topics:

- a) The Roll of Green Infrastructure in Urban Environments (or)
- b) The Hurdles of Connecting Alternative Energy to Existing Infrastructure (or)
- c) NEPA and it's Impact on Environmental Policy

**Reference citations must be included**

**Official transcript:** Include a current transcript of your academic record.

Send your application package to the address below

**The deadline is May 1, 2009**

IAEP  
P.O. Box 81551  
Chicago, IL 60681

Go to [www.iaepnetwork.org](http://www.iaepnetwork.org) for contact information

**See Application Form on Next Page**



# Illinois Association of Environmental Professionals

## APPLICATION PROCESS

The deadline is May 1, 2009

### Candidates must submit:

- A completed application form
- An essay of 1000 words or less on ONE of three topics
  - a) The Roll of Green Infrastructure in Urban Environments (or)
  - b) The Hurdles of Connecting Alternative Energy to Existing Infrastructure (or)
  - c) NEPA and it's Impact on Environmental Policy
- Two written recommendations, with at least one from a university official
- Resume
- Official transcript of your academic record

### The IAEP Scholarship Program: Application Form (Please Print Clearly or Type)

Name: \_\_\_\_\_

Present Address: \_\_\_\_\_

\_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Permanent Address: \_\_\_\_\_

\_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Declared Major: \_\_\_\_\_ Expected Graduation date: \_\_\_\_\_

Expected Degree: \_\_\_\_\_ Cumulative GPA of \_\_\_ on a \_\_\_ scale

Name of School: \_\_\_\_\_

#### Academic Advisor

Name: \_\_\_\_\_ Phone: \_\_\_\_\_

Email: \_\_\_\_\_

## National Environmental News: Proposed Energy Terminal on Artificial Island Off New York Coast

An entity called the Atlantic Sea Island Group proposes to build a manmade island to house a liquefied natural gas receiving terminal off the Atlantic coast.

The terminal would be located about 14 miles from the nearest point along the New York coast and about 23 miles from New York Harbor, and would receive shipments of liquefied natural gas from ocean vessels for use in the New York-New Jersey area. Once off-loaded from ships on the island terminal, liquefied natural gas would be converted to the gas phase and transferred to the mainland via an underwater pipeline. Environmentalists oppose the plan as an expansion of maritime industrial activity.

The island would be about 60 acres in size at its surface, and roughly 110 acres at its base

on the ocean floor. Material to create the island would be obtained from excavation of the Ambrose Channel. The ocean depth at the proposed location is approximately 65 feet.

Once constructed on the manmade island, the terminal would have a liquefied natural gas storage capacity of 720,000 cubic meters and would be able to provide 2 billion cubic feet of natural gas to consumers per day. The Sea Island Group argues that the project would give the New York metropolitan area's energy supply chain a much-needed boost. They hope to begin receiving liquefied natural gas shipments at the facility in 2014. Two other New York-New Jersey area offshore liquefied natural gas terminals have also been proposed.

Environmentalist opposition of

the plan stems from concern over increased industrial shipping and infrastructure on the open ocean and along coasts. Increased shipping traffic and additional islands increases the chance of collisions and groundings, and hence the potential for spills.

According to the Sea Island Group web site, during the 60 years that liquefied natural gas has been used, no major releases of the product has occurred. The shipping and terminal handling of liquefied natural gas is also highly regulated by the Coast Guard and other agencies.

The Sea Island Group says that the project will cost at least \$700 million in contractor wages and enjoys strong support of AFL-CIO and building trades.

### Welcome New Members

Shaun D. Little  
Kari Womack

Margaret Renas

Sevenson Environmental Services, Inc.  
Shaw Environmental, Inc.

Burns & McDonnell Engineering and Consulting



**NDIA**  
**IOWA-ILLINOIS**

## "One Great Event"

May 7 & 8, 2009

### Quad Cities Regional Government Contracting Small Business Symposium

At

### The Quad Cities Waterfront Convention Center

2021 State Street  
Bettendorf, IA

#### Scheduled Activities

Society of American Military Engineers  
District Engineers Commanders Briefing  
(7:00AM – 5:00 PM Thursday 7 May)

Featuring: USACE district projects, future plans, contracting opportunities & small business programs  
SAME Luncheon Keynote speaker, General Michael Walsh, (invited)

Small Business Government Contracting Training Session  
(1:30 – 4:30 PM Thursday 7 May)

Featuring: Small business success stories in contracting & the buying opportunities at the RI Arsenal  
Networking Reception & Entertainment to follow 5:00-7:00 PM

Small Business Government Contracting Symposium  
(7:00AM – 3:30 PM Friday 8 May)

Featuring: US Army contracting small business programs, sub-contracting with large primes, govern-  
ment contracting tools, "Going Green", GSA schedules & contracting with DLA

Keynote address – General Ann Dunwoody, (invited)

Tracey Pinson, (invited) Director, Office of the Secretary of the Army, Office of Small Business Programs  
Luncheon Keynote speaker – Iowa Congressman Bruce Braley

To Register for these events go to: [www.regonline.com/rgsbs](http://www.regonline.com/rgsbs)

To view the agenda click on the package details link on the registration form

Or contact John Masengarb at (563) 650-3252

Exhibit Space Available on a first-come, first paid basis

For information call Ms. Patty Kupresin, Spirit Partners at (563) 505-4393/ email to: [patty@spiritpartnersinc.com](mailto:patty@spiritpartnersinc.com)

or Mr. John Masengarb at (563) 650-3252 or email to: [ndia@ausaria.org](mailto:ndia@ausaria.org)

\*\*\*\*\*Trade Show & Internet Café May 7 & 8th\*\*\*\*\*

The Convention Center is linked to discounted Symposium hotel accommodations

For reservations at the Isle of Capri Casino and Hotel

Go to [www.isleofcapricasino.com](http://www.isleofcapricasino.com) or call (800) 724-5825

Quad Cities attractions go to <http://www.quadcitieschamber.com/visitor/>

Hosted by: ~ SAME ~ IL PTAC/BHC ~ IA PTAC/ISUE ~ AUSA ~ SCORE ~ SBA  
~ Spirit Partners ~ Vista International ~ IL QC Chamber of Commerce

## Bacterial Concerns for Groundwater-Based Water Supplies (cont' from p. 3)

ing an age-old practice: they pump it from their own well, located on their property. Another Midwest state, Michigan, leads the nation in population dependent on these household wells, followed by Pennsylvania. The testing of these household water supplies is the homeowner's initiative.

It may be difficult to prove, but dated residential infrastructure combined with modern practices has likely brought an increased risk of bacterial contamination in rural household water wells. Compared to wells constructed today, ones drilled prior to the 1980's are often half as deep, drawing water from shallower depths more easily

reached by contaminants, reflecting a lesser risk of groundwater contamination associated with the agricultural practices of previous times. Lifestyle changes in American homes have brought increased domestic water usage and hence increased wastewater discharge, posing an additional, more local risk to household well water quality. Not only do many rural homes remain self-reliant in the area of drinking water infrastructure, they operate their own sewage treatment and discharge facilities as well, called septic systems, which are designed to allow wastewater to slowly seep into the ground. In order not to contaminate the underlying groundwater, a septic sys-

tem must be sized, located, and designed appropriately for the volume of domestic wastewater generated. Increased domestic water usage at homes with septic systems not designed to handle present-day wastewater volumes has led to contamination of some household wells which formerly yielded clean water. Homes with older septic systems often have older water wells as well, which were not only often drilled to shallower depths but also constructed according to contamination prevention standards more lax than today's, reflecting a lesser risk of well contamination by the more water-frugal households of their time.

## President's Pen (cont' from p. 1)

gatherings where an IAEP representative could assist in providing some employment guidance.

Finally, and I realize this is a bit premature, but I'm going to begin touting our yearly golf outing. It has continually served as an opportunity for our members to socialize, network and share ideas concerning their respective industries. I can't think of any year in recent past that an outing such as ours is more appropriate, considering the economic and employment conditions we're all currently weathering. Although the September date has not been set yet and it is quite a few months away, we're starting to get the word out early this year to ensure we put on a top notch event for our members, and hopefully avoid the rain! Please continue to visit our website as the date will be posted soon and help us to make this golf event the best of your summer 2009 outings.

Nathan Quaglia, President

*If you know someone who may be interested in joining, please give the person this form to be mailed in to IAEP.*

Please print this form and mail it in by folding it and using the prepared addressed to IAEP.

\_\_\_\_\_

Name, Title

\_\_\_\_\_

Company

\_\_\_\_\_

Field, Occupation

\_\_\_\_\_

Address

\_\_\_\_\_

City            State            Zip

**Membership Categories (check one)**

- |  |       |
|--|-------|
| <input type="checkbox"/> Corporate/Institutional | \$175 |
| <input type="checkbox"/> Professional Member     | \$35  |
| <input type="checkbox"/> Associate Member        | \$35  |
| <input type="checkbox"/> Student Member          | \$17  |

**Remember to  
renew your  
membership today.**

Make check payable to: IAEP, PO Box 81551, Chicago, IL 60681-0551

**TO: Illinois Association of Environmental Professionals  
P.O. Box 81551  
Chicago, IL 60681-0551**