



IAEP Network

IAEP 2008 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@erm.com
 (847) 258-8929

Rob Stawik, Treasurer

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

Eric Sikora, Newsletter Editor

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

Ronald Deverman, Past President

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

Board Members at Large

Bill Forcade, Past President

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

Kelly Tzoumis

DePaul University
 Kellytzoumis@ameritech.net

Tom Guist, Past President

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

Richard Hayes

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

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

With the holiday season around the corner, I wanted to give thanks to you all for your current membership and continued support of the IAEP. We currently have numerous members and corporate sponsors from varying environmental interests who continue to make this one of the few noteworthy environmental organizations in the Chicago area and in Illinois. Speaking for the board, we look forward to your continuing strong support.

My effort here is simply to let you know what we have been doing as an organization and to update you on the activities and programs we envision developing. First, we hosted a

very successful seminar in May discussing the new wetlands mitigation rules, the anticipated effects of the Rapanos ruling and insight into the activities of the Army Corps of Engineers, Chicago District, Regulatory Branch. Leesa Beal, Chief, East Permits and Enforcement for the Regulatory Branch of the Chicago District gave a wonderful presentation to over one hundred attendees. The event was extremely successful and represents the type of seminar the board is striving to put together for its members in the future. I'll touch upon this sentiment a bit later.

The IAEP in September hosted its 4th Annual IAEP Golf Clas-

sic. Besides the uncooperative weather, the event was a tremendous success. A brief summary of the outing can be found later in this newsletter edition.

The IAEP will use the proceeds of the golf outing to present two scholarship awards in 2009 to worthy students across the state. The students will be chosen based upon submissions given in response to an essay request created by the board. In the next newsletter installment please look for the call for essays and encourage students you may know majoring in an environmental field to participate. We look forward to assisting worthy students pursuing careers in the environ-

Continued on Page 2

NAEP News Update by Chapter Representative Ron Deverman



Ron Deverman

On October 24th of this year, the 2009 Annual Conference Committee of the National Association of Environmental Professionals (NAEP) met at the Radisson Fort McDowell Resort, the conference hotel in Scottsdale, Arizona, to finalize the tracks, sessions, keynotes, workshops, tours and social events for the conference,

entitled, Making Sustainability Happen: Goals, Practices and Challenges. The conference, which will be held May 3-6, 2009, will include training seminars the first day and then three days of sessions, panels and paper presentations on such interesting topics as Sustainability and Planning, Land and Watershed Management, Environmental Restoration and

Mitigation, the NEPA Symposium, Transportation and the Environment, Energy, Health Risk Assessment, Public Participation, and Environmental Education and Stewardship. See additional information on the conference in this IAEP newsletter. We also encourage IAEP members to check out the NAEP website, www.naep.org for *(Continued on Page 3)*

President's Pen (Continued from Page 1)

mental field and can use your help in identifying deserving candidates.

Now the future seminar discussion...I'm unsure if you are aware but the IAEP was created as a chapter organization of the National Association of Environmental Professionals ("NAEP"). The NAEP has a membership in the thousands and is recognized as one of the premiere national environmental organizations in the country. Continuing efforts are now being made to highlight and strengthen this affiliation and use our respective strengths to provide a better membership experience, both on the local and national level. That being said, efforts are being made to put together additional luncheon and/or dinner seminars that showcase our affiliation with the NAEP, provide compelling content and encourage member networking. Ideas on the table in-

clude seminars showcasing state agency speakers and financial sector professionals working in the environmental field that could provide further insight and projection into the expected effects and outcomes the economy will have on the environmental business sector generally. As always if you have any ideas or thoughts for upcoming meetings or workshops you would like the IAEP to host please contact me or someone on the executive board.

I'll part in saying several openings on the executive board are anticipated for the coming year. If you or someone you know would be interested in becoming a board member contact me or someone on the board for more information.

Have a safe and wonderful holiday season. I look forward to speaking to all again in 2009.

Check us out on-line at:

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

Tree Plantings Effective As Agricultural Air Pollution Buffers

Since 2000, George Malone of the University of Delaware Cooperative Extension has been researching and recommending the use of trees as agricultural air quality buffers. Malone and colleagues showed that dust, ammonia, odors, and even noise were reduced significantly by tree buffers planted in front of ventilation exhaust fans at poultry farms consisting of three parallel rows of closely spaced trees. In a six-year study at an actual poultry farm, dust was reduced by 56 percent, ammonia by 53 percent, and odor by 18 percent outside of a 22-foot wide, three-row tree buffer relative to inside of the buffer.

Malone argues that the leaves of trees serve as filters for these airborne constituents. The trees may also hasten the dispersion of the emissions that

make it through the tree buffers, thereby reducing their concentrations. He recommends that the buffers consist of a mixture of deciduous and evergreen trees.

Malone's focus and the site of his six-year study has been a poultry farming region spanning Delaware, Maryland, and Virginia that is collectively known as the Delmarva Peninsula. Malone began looking into the use of trees as air quality buffers eight years ago, when a switch to a new type of ventilation system by some Delmarva poultry farms led to complaints from nearby residents over increased dust and odors. In a broader sense, the problem stems from increased development of traditionally rural areas on the Delmarva that are dominated by poultry farms with average stocks of

75,000 chickens.

The success of Malone's study has led to widespread implementation of the tree buffer concept by the Delmarva poultry industry. To encourage the practice, Delaware and Maryland have implemented cost sharing programs for farms that plant buffers. Malone and colleagues have done significant technical research in the optimization of tree buffers and their successful, rapid establishment at farms, and have presented their findings in various venues, including the June, 2006 jointly sponsored Agricultural Air Quality Workshop in Washington, D.C. and the American Chemical Society's national meeting, held last August in Philadelphia, PA.

NAEP News Update (Continued from Page 2)

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more details about the annual conference.

In other news, the NAEP Board of Directors, which includes all elected and chapter representatives, held its quarterly board meeting on October 25, 2008 in Scottsdale, Arizona. Key agenda items included approving the 2009 budget, discussing the 2009 and 2010 annual conferences, and tracking progress for the three NAEP Strategic Initiatives the NAEP Board developed this past summer. The three NAEP Strategic Initiatives focus on: (1) improving NAEP's image and national identity, (2) improving the relationship

between NAEP and its chapters, and (3) providing better membership services. Look for more details on the strategic initiatives in future IAEP newsletters. Also, NAEP has now transitioned successfully to a new association management firm, Fernley & Fernley. The NAEP Board of Directors is pleased with this partnership and believes NAEP can start providing more support to national members and ultimately state chapters like IAEP. If you have any questions about NAEP, contact Ron Deverman at ron.deverman@hdrinc.com.

Is it time to renew your membership?

Send in your renewal today.

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

Making Sustainability Happen: Goals, Practices, and Challenges

A Preview of the 2009 NAEP Annual Conference by Ron Deverman

The 34th annual NAEP conference with a focus on sustainability will be held in Scottsdale, AZ on May 2-6, 2009. The conference will be full of information, networking opportunities, great exhibits, and of course good food. So don't miss it!

The conference will include tracks on Sustainable Systems, NEPA, Transportation, Land & Watershed Manage-



A full-day trip through the Grand Canyon will be one of six tours offered to attendees during the NAEP annual conference in Scottsdale.

ment, Water Resources, Public Participation, Air/Climate Change, Environmental Education/Stewardship, Energy and Natural/Cultural Resources. As well, very interesting keynote speakers have been confirmed: Dr. David Yetman, Ms. Jane Poynter, Dr. Jack Grove, Mr. Owen Schmidt.

There are six tours available: Grand Canyon, AZ Public Service STAR Center, Gilbert Riparian Institute, Salt River Project, Wildlife Crossings, and Architecture of Sustainability.

There will be a full day workshop held on Sunday titled Defining Sustainability in Practice, Policy & Law, and a half day workshop titled Introduction to

Managing Environmental Conflict.

The offsite President's event will be a cowboy evening BBQ at Fort McDowell Adventures, along with entertainment. NAEP's prestigious National Environmental Excellence Awards will again be presented throughout the conference. You will have opportunities to hear about these premier projects.

Mark your calendars for May 2-6, 2009. The preliminary schedule, keynote speaker information, tour descriptions and registration are now available at www.naep.org. You may also make your hotel reservation through the web site.

Welcome New Members

Sandy Kubillus
Valerie Jakobi

Integrated Lakes Management
Cowhey Gudmundson Leder

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Illinois Environmental News: Green Housing Development

Benton, located not far from Carbondale in southern Illinois, is the site of Hunter's Trace, a new environmentally friendly subdivision under construction that emphasizes energy efficiency and recycled materials. The subdivision will be made up of 32 affordable single-family homes built on Franklin County's former fairgrounds. The project was undertaken by Capstone Development Group, LLC of St. Louis, Missouri and will be completed in spring of 2009.

To enhance energy efficiency, each three-bedroom, two-bath home will be constructed with special insulation and roofing shingles, and equipped

with energy-efficient appliances and fluorescent light bulbs. Recycled materials are also being used. Following completion, the houses will be rented for 15 years, and then sold.

Capstone's incorporation of these elements into their housing development venture was encouraged by tax incentives offered by the Illinois Housing Development Authority's *Green Housing Initiatives* program. The IHDA program encourages the use of technologies, products, and practices in housing construction and occupancy that are more energy efficient, offer greater resource conservation, lead to lower maintenance of

the finished building, provide a healthier environment, and reduce waste and pollution.

Developers earn tax credits by incorporating any number of green building features selected from a master list published by IHDA, earning a certain number of points for each feature as indicated in the list. The points are summed to determine the project's total tax incentives. IHDA points out that green residence economic benefits extend to the homeowner, in the form of energy efficiency savings, lower water bills, and reduced home maintenance costs.

4th Annual IAEP Golf Classic Another Success

On September 4, 2008, the IAEP had its Fourth Annual Golf Classic outing at White Deer Run in Vernon Hills. Although all had fun, the date fell on the one day out of five dry weeks to rain all day long (thanks Gustave). In between down pours, four out of the 8 groups that played managed to finish all eighteen holes. The winning team with a score of 72 (even par) and very soggy shoes consisted of Frank Munoz of Tecnica Environmental Services, Inc, Greg Merritt of ERM, and Dave Burnett and Ryan Theil of Ashtead Technology. Mark Jones of Allegiant Global Services, LLC, managed to get the ball closest to the pin on the 8th hole green. Bill Dwyer, also of Allegiant Global Services, LLC, won the longest drive on hole #6. As always we would like to thank all of our sponsors that contributed to this event. Without your support this event would not have happened. The following is a list of those who sponsored the event.

1. STAT Analysis Corporation
2. ALS Laboratory Group
3. Genapure Analytical Services
4. Halcrow Yolles
5. O'Connell, Tivin, Miller & Burns, L.L.C.
6. Accutest Laboratories
7. Veolia ES Orchard Hills Landfill
8. Ashtead Technology
9. Allegiant Global Services, LLC
10. Environmental Resources Management (ERM)
11. Environmental Data Resources (EDR)

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

____ General Member \$35

Field, Occupation

Address

Membership Categories (check one)

___ Corporate/Institutional \$175

___ General Member \$35

___ Associate Member \$35

___ Student Member \$17

___ General and Associate Member \$65
(2 years)

**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**