



IAEP Network

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**Jenner & Block:
Host Corporation**

President's Pen



As this year comes to a close, it is always satisfying to reflect on our accomplishments. These accomplishments can range from a personal goal met to a career promotion. For IAEP, this year we held or co-sponsored several informative professional programs and speakers on important environmental topics. This year's Second Annual Golf Outing, which was held September 28th at White Deer Run Golf Club in Vernon Hills, Illinois, was again a success. Through the committed efforts of our golfers and sponsors we will again be able to award a student scholarship for the coming year. This year's sponsors are ac-

knowledged in this newsletter along with some of the golfing award winners.

Our Program Committee is now busy putting together some professional sessions for next year that we believe will be of interest to you. Also, we plan to co-sponsor with DePaul University a Career Fair next April. And stay tuned for our next newsletter which will have information about a professional networking evening we are planning for early 2007. Now that we are in the middle of the holiday season, I am reminded that this is the time we make resolutions for the New Year. Resolutions can range from committing to do more weekly exercise – to new diets – to going back to school – to just becoming better environmental professionals. The key to having success with our resolutions is in the understanding of our intentions versus our actions. It is only through action that we will achieve our goals in life and our yearly-made resolutions. Hopefully, your association

with IAEP can, in some way, move you beyond your good intentions to act on your professional betterment goals.

In the past couple weeks, I have received e-mails from IAEP members. I have also received several e-mails from environmental professionals I know around the country. Professionals located in cities as diverse as Washington DC, Idaho Falls, Anchorage, Alaska, Denver and Tampa, Florida. As another year comes full circle, I realize I am blessed with rich professional relationships for which I am sincerely grateful. These relationships have been cultivated over the years and most of them through the state and national memberships of the National Association of Environmental Professionals. There is always room for more friendships. Best wishes for a happy holiday season. Feel free to contact me at (312) 930-5142 (office) or e-mail me at ronald.deverman@parsons.com I look forward to sharing our new year together.

Ron Deverman

Special points of interest:

- Annual Conference April 2007 by National Association of Environmental Professionals (NAEP).
- Reviewers needed by National Association of Environmental Professionals (NAEP).
- IAEP Student Scholarship Form.
- Regional and International environmental news.

UPDATE: NAEP to Hold 32nd Annual Conference in Orlando, Florida

Check us out
on-line at:
[http://
www.iaepnetwork.org/](http://www.iaepnetwork.org/)



The National Association of Environmental Professionals (NAEP) will hold its 32th Annual Conference April 22-25, 2007 at the Holiday Inn Resort on International Boulevard in Orlando, Florida. NAEP conference committee members, under the direction of Conference Chair Lynn McLeod and Co-Chair Amy Wright, met in October 2006 to finalize the conference program. NAEP is bringing together the nation's top educators, consultants, public officials, and environmental planning experts to discuss the latest research and practical knowledge on multidisciplinary issues, such as NEPA, brown-fields, sustainability, transportation, environmental management systems (EMS), homeland security, public participation, land

and watershed management, wetlands and environmental law.

At this year's conference, two speakers of regional and national prominence will present keynote addresses. Special features of the conference include several environmental short courses, the National Environmental Excellence Awards, a guided tour of the Disney Wilderness Preserve, as well as three days of sessions and luncheons. A session focusing on NAEP chapters and their successes will also be held. Social events for conference participants will include several networking receptions and the NAEP President's dinner event at Sea World.

For more information on the 2007 Conference, visit the NAEP website at

www.naep.org. Program information is posted on the website. IAEP, a professional chapter of NAEP, will be represented at the conference and the NAEP Board of Directors meeting by Ron Deverman, IAEP Chapter Representative to the NAEP Board. Contact Ron Deverman at (312) 930-5142 or at ronald.deverman@parsons.com with any questions you have about NAEP or the upcoming conference.

Appreciation of Support of IAEP

The IAEP Board would like to express appreciation to the following companies who supported our Golf Outing in September. This support provides scholarship funding for a college-level student who is majoring in an environmental field.

JFNew

Weston Solutions Inc.

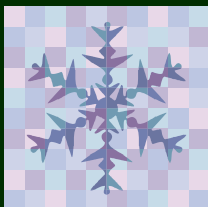
ERM

Veolia Environmental Services

TestAmerica

C.S. Drilling

Happy Holidays
from the
IAEP Board.



Look for the IAEP Scholarship form inside this newsletter on pages 3-6.



Soil erosion trends in Illinois

The percentage of Illinois land with acceptable levels of soil erosion did not go up in 2006 and has been virtually unchanged since 1997. In 2006, 85.8 percent of the state's cropland had acceptable levels of soil erosion. When land is kept within the soil-loss tolerance level, or T level, that means soil is being replenished faster than it is being lost through erosion.

About 10 percent of the cropland in Illinois exceeds tolerance levels by only 1 to 3 tons of eroded soil per acre annually. With some slight adjustments in management systems to retain more crop residue on this land, these acres could easily be brought to T or below. If that should happen, the percentage of land with tolerable erosion levels would jump from 85.8 to nearly 96 percent.

The Illinois Department of Agriculture conducts the Soil Erosion and Crop Tillage Survey every two years, along with the Natural Resources Conservation Service and the state's soil and water conservation districts. The 2006 survey also showed that soil-saving management systems, such as no-till, con-

tinued to dramatically increase in popularity.

A lot of the land shifting to no-till has come from mulch-till systems after corn, which also provide considerable erosion-control thanks to the heavy layer of stalks on the ground. Because erosion on most of the mulch-till land was already below the T level, the switch to no-till didn't change the figure. Although the 96-percent mark is clearly within reach, the final 4 percent will be much tougher to bring within tolerable levels.

This land has erosion rates that are more than twice the tolerable level. But whatever the fate of the remaining land that still exceeds acceptable erosion levels, the current 85.8 percent mark is still far better than in 1982, when only 59 percent of the land had tolerable erosion rates.

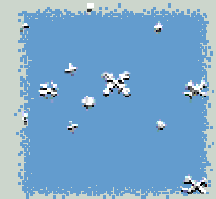
For more information see <http://www.aces.uiuc.edu/news/stories/news3831.html>

NAEP call for permit reviewers

The current United States Army Corps of Engineers (USACE) nationwide permits were authorized on March 18, 2002. These permits expire on or around March 18, 2007. To-date, the USACE has not published the proposed permit requirements.

NAEP anticipates reviewing and commenting on the proposed replacement permits. If you are

interested in participating in the review and comment, please contact Eric Galamb at egalamb@hwlochner.com or 919-571-7111.





Illinois Association of Environmental Professionals

The IAEP Scholarship Program

THE IAEP....

- Is a multidisciplinary 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 \$1000 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 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 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. NOTE: this list is not exhaustive.

APPLICATION PROCESS

Candidates must submit:

- A completed application form
 - An essay of 1000 words or less on "Why I chose to major in an environmental discipline."
 - Two written recommendations, with at least one from an university official
- Official transcript of your academic record

The IAEP Scholarship Program Application Form

Name: _____

Present Address:

Telephone: _____

Email: _____

Permanent Address:

Telephone: _____

Email: _____

Declared Major: _____ Expected Graduation date:

Expected Degree: _____ Cumulative GPA of _____ on a _____ scale

Name of School:

Academic Advisor (*name, telephone, email*):

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, "Why I chose to major in an environmental discipline."

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

Please return completed application package by March 1, 2007 to:

**IAEP
P.O. Box 81551
Chicago, IL 60681**

International News

China Incorporates Green into Olympics

In approximately two years China hosts the first "Green Olympics," with the assistance of Conservation International, and the China Environment Culture Promotion Association. The organizations are working together to launch a movement to raise the level of conservation consciousness amongst the nation's billion-plus populace. The first campaign began on November 15th with messages promoting sustainable living and responsible tourism are being broadcast in airports and railway stations across the

Country. This is being titled "China: For Our Natural Splendor" campaign. The joint initiative drew support from more than 150 guests hosted by Peking University, including members of the Beijing Organizing Committee for the Games of the XXIX Olympiad, CI and CECPA staff, and Chinese actor Chen Peisi, who is famous for his comedic performances.

Gorillas and Ebola

The Ebola virus may have killed more than 5000 gorillas in West Africa according to a recent study. The virus is spreading from one group of the already endangered animals to another, the internati-

onal team of experts report in this week's issue of the journal Science. And it appears to be spreading faster than it is among humans. "The Zaire strain of Ebola virus killed about 5,000 gorillas in our study area alone.

Ebola hemorrhagic fever is one of the most virulent viruses ever seen, killing between 50 percent and 90 percent of victims. The World Health Organization says that it killed 1,200 people infected between its discovery in 1976 and 2004. The virus is transmitted by direct contact with blood, organs or other bodily fluids.

There is no cure or good treatment, although several groups are working on vaccines.

It was not clear whether the gorillas were infecting one another, or being repeatedly infected and re-infected by another species of animal, perhaps a bat.

For more information see <http://www.enn.com/today.html?id=11809>

National News:

Compact Fluorescent Lights promoted by Walmart

Wal-Mart Stores, announced a campaign to sell 100 million compact fluorescent light bulbs (CFLs) at its stores and Sam's Club locations by the end of 2007. If achieved, this goal has the potential to save customers as much as \$3 billion in electrical costs over the life of the CFLs. In addition to saving money for consumers, these innovative products conserve up to 75 percent more energy than traditional light bulbs and lower greenhouse gas emissions. With nearly 20 percent of all home electric costs stemming from lighting alone, CFLs can have tremendous benefits. Converting one conventional 60W bulb to a 13W CFL can save: \$30 in electric costs over its lifetime; 10 conventional bulbs from being produced, transported and dis-

carded in a landfill; 220 lbs. of coal from being burned; and 450 lbs. of greenhouse gases from reaching the air. The average home has more than 30 compatible sockets, which means even more potential savings.



Regional News:

US EPA Holds Open House

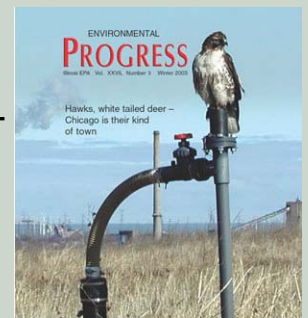
US Environmental Protection Agency Region 5 will hold an open house and public meeting Thursday, Dec. 14, to present results of a health study on the effects of potential pollution from the proposed confined disposal facility at the Indiana Harbor in East Chicago. The open house will take place from 3:30 to 5 p.m. at the Roberto Clemente Community Center, 3516 Elm St., East Chicago, Ind. The public meeting will follow from 6:30 to 9 p.m. at East Chicago Central High School, 1100 W. Columbus Drive.

The EPA study, undertaken in response to community concern, found low health risks to nearby residents from the planned disposal area being constructed by the U. S. Army Corps of Engineers on 186 acres of a former refinery site. The facility will hold contaminated sediment dredged from the harbor and canal starting in 2009. Harbor dredging is a positive step toward a cleaner environment by stopping the flow of pollution into Lake Michigan.

Corporate Profile: Patrick Engineering, Inc.

PATRICK ENGINEERING INC.

Patrick Engineering Inc. (Patrick) has more than 27 years of proven leadership and expertise in project management; specializing in the fields of engineering, architecture, planning, technology consulting, and construction management. The Engineering News Record (ENR) has included Patrick in its ENR Top 500 since 1992 and most recently Patrick ranked as one of the “Top Design Firms” in the midwest by *Midwest Construction* magazine. Our expanding client roster includes key government agencies, public utilities and major corporations in a broad range of industries. Patrick has grown to employ more than 350 professionals in 10 offices nationwide throughout the Midwest, Pennsylvania and Florida.



Patrick offers a full range of geotechnical, environmental, and and site development services including construction management and operations planning. For the past 10 years, Patrick has provided a wide variety of services for the Illinois Environmental Protection Agency (IEPA). Many of Patrick’s past projects have been featured in the IEPA Environmental Progress publication. In addition, our other major markets are Utility Power Systems, Facilities Infrastructure, Transportation, GIS and Surveying. Specific services include facility siting and design, brownfield redevelopment, water management, and project permitting.

Patrick’s environmental staff consists of experienced professionals who have a great deal of success with brownfields, landfill remediation, and other innovative projects in the areas of solid waste, landfill gas, coal, and stormwater management.

Patrick Engineering Inc.
4970 Varsity Drive
Lisle, IL 60532
1-800-799-7050

www.patrickengineering.com

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.

_____	<u>Membership Categories (check one)</u>		
Name, Title	<input type="checkbox"/> Corporate/Institutional		\$175
	<input type="checkbox"/> General Member		\$35
_____	<input type="checkbox"/> Associate Member		\$35
Company	<input type="checkbox"/> Student Member		\$17
	<input type="checkbox"/> General and Associate Member (2 years)		\$65
<input type="checkbox"/> General Member		\$35	

Field, Occupation			

Address			

			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**