



# IAEP Network

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## President's Pen



Welcome members – new and renewing members! It is through your commitment and support that we on the Board of Directors can offer professional development programs of environmental interest, our newsletter, the annual Golf Outing and other association activities. As your new President, the first thing I want to do is thank AJ Pavlick, Past IAEP President, for his

time, commitment and leadership through 2005 and this past year. IAEP continues to grow and we are interested to serve your needs better.

For the past 12 years I have been a member of IAEP and for 17 years I have been an active member of the National Association of Environmental Professionals (NAEP), of which IAEP is a state chapter. I have chaired a number of national committees and working groups and I continue to serve on the NAEP Board of Directors as IAEP's board representative. I trust you will see in upcoming IAEP newsletters and programs both the regional and national perspective of

our important environmental work. I look forward to the opportunity to meet and get to know many of you through this next year. Feel free to contact me at (312) 930-5142 (office) or e-mail me at [ronald.deverman@parsons.com](mailto:ronald.deverman@parsons.com). I want to hear from you and those of us on the IAEP board want to know what we can do for you in the ways of presenting professional topics of interest, holding joint regional or state conferences, or just better communication and dialogue on current environmental issues that face us.

It was my pleasure recently to award our first IAEP student scholarship of \$1000 to Caitlin McCoy. Caitlin is pursuing natural resources and environmental studies at the

### Special points of interest:

- Welcome by new president Ron Deverman
- Caitlin McCoy, University of IL, is awarded IAEP student scholarship.
- Updates from the National Association of Environmental Professionals (NAEP).
- State of IL environmental news.
- Regional and International environmental news.

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

U.S. Environmental Protection Agency Region 5 has named three Wisconsin wastewater facilities among the best-operated in the Great Lakes states for 2006. They are the Clark County Health Care Center, Tomah and Valders facilities. EPA Region 5 covers Illinois, Indiana, Michigan, Minnesota, Ohio and Wisconsin.

### *IAEP 2nd Annual Golf Outing*

*Thursday, September  
28*

*Location: White Deer  
Run Golf Club, Vernon  
Hills, IL*

*Registration: 10 am  
Shot gun: Noon  
Lunch: 11 am  
Dinner: 5:30 pm*

*(see page 5 of the  
newsletter for more  
details and form)*

## Katrina Sediment Results

The US Environmental Protection Agency (EPA) released the final summary of sediment sampling conducted in response to Hurricanes Katrina and Rita. In total, EPA and the Louisiana Department of Environmental Quality collected approximately 1,800 sediment and sediment/soil samples since the hurricane flooded New Orleans and the surrounding parishes. Most of these samples were analyzed for over 200 metals and organic chemicals. The results indicate that, in general, the sediments left behind by the flooding from the hurricanes are not expected to cause adverse health impacts to

individuals returning to New Orleans. A few localized areas were re-assessed due to elevated levels of arsenic, lead, benzo(a)pyrene, and diesel and oil range organic petroleum chemicals.

These sampling results served as the basis for a series of recommendations and advisories provided by local government. The final summary provides an extensive picture of the conditions in the flood impacted areas.

*Summary Results of Sediment Sampling Conducted by the Environmental Protection Agency in Response to Hurricanes*

*Katrina and Rita:*  
[www.epa.gov/katrina/testresults/sediments/summary.html](http://www.epa.gov/katrina/testresults/sediments/summary.html)

*All test results:*  
[www.epa.gov/katrina/testresults](http://www.epa.gov/katrina/testresults)



## President's Pen (Continued)

University of Illinois in Urbana. Board members who reviewed the scholarship essay entries were impressed with Caitlin's commitment to the environment, her dedication to education, and her vision, even at a young age, of how she wants to make a difference. The scholarship award was the direct result of our First Annual Golf Outing held last September which was a great success. Many thanks to the individuals and companies who participated and sponsored last year's event. This year's Golf Outing promises to be

even better. More information about last year's event and this year's Second Annual Golf Outing to be held September 28<sup>th</sup> are included in this newsletter.

Ultimately, the greatest gift we can give to students such as Caitlin, or young environmental professionals just entering the field, is the wealth of our experience. To ensure that our young professionals are more capable of making sense not only of the world in general, but of the world of environmental regulations and

realities, we must provide them with our lifelong learning at every opportunity. As "seasoned" environmental professionals, we know our clients expect the unexpected, added value service is the norm; and with the rapid acceleration of our daily personal and professional lives, our best efforts are continually challenged. IAEP is here to support the endeavors of all environmental professionals, young and wise. I look forward to a memorable year as your President.

Ron Deverman, President



**IAEP 2nd Annual  
Golf Outing**

**Thursday, September  
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**UPDATE: NAEP to Hold 32<sup>nd</sup> Annual Conference in Orlando, Florida**

The National Association of Environmental Professionals (NAEP) will hold its 32<sup>nd</sup>

Annual Conference in Orlando, Florida on April 22-25, 2007. The nation's top environmental professionals will meet to discuss the latest research and practical knowledge on multidisciplinary issues, such as the National Environmental Policy Act (NEPA), brown-fields regulations, sustainable development, transportation, environmental management systems, education, public participation, and land and watershed management among other topics. This year's conference theme is "Environmental Leadership: Science, Education, Alliances." Track and session speakers will present case study successes and new tools, techniques and

research that will help participants create a healthy and sustainable environment for everyone. The upcoming Call for Papers abstract deadline is September 30, 2006.

Planning is already underway for the 32<sup>nd</sup> Annual Conference and the conference committee, led by Lynn McLeod, Battelle, and Amy Wright, CPH Engineers, will meet in late October at the conference site to finalize the events, key note speakers, tours and programs. As professionals in various environmental fields, we understand and appreciate both our natural resources and our built environment. Therefore, it is essential to cooperate to resolve complex issues will all parties involved: public and pri-

vate. Public, private and academic alliances have been implemented in several nationally known projects in Florida, such as the Kissimmee River Restoration, Everglades Restoration, and the mitigation bank industry. The 2007 conference will showcase alliances in permitting, sustainability and development and natural resources management. To obtain information on the 2007 Conference and the Call For Papers, visit the NAEP website at [www.naep.org](http://www.naep.org). IAEP is a professional chapter of NAEP; contact Ron Deverman, IAEP representative to NAEP, if you have any questions about the abstract submittal process.

**NAEP to Hold 1st Annual State and Regional Chapters**

Chapter Presidents and Chapter Representatives will meet at the 2007 Annual Conference to discuss pertinent topics related to running a state or regional chapter. Topics for discussion may cover many items of interest to chapters, and the session will focus on producing newsletters and websites, conducting local conferences or workshops, and maintaining a chapter. Speakers and participants will come from chapter leadership and will con-

sist of brief presentations on chapter successes and topics of interest followed by a round table discussion. Participants will have the opportunity to see posters showing examples of newsletters, websites, and conferences from across the chapters. To provide input on how IAEP should be represented contact Ron Deverman at [ronald.deverman@parsons.com](mailto:ronald.deverman@parsons.com)

**Welcome New Members**

Elizabeth Ashworth, ATC Assoc. Inc.  
Marcey Knysz, MeritCorp, P.C.  
Robin Martel, Wight & Co.  
Lauren B. Stulgis, Earth Tech, Inc.  
Adams Williams, Cowhey Gudmundson Leder, Ltd.

**Corporate Members:  
Environmental Monitoring  
and Technologies**

Sam Mathis  
Mark Steuer



Caitlin McCoy (right) and her professor, Dr. Courtney Flint, University of Illinois in Natural Resources and Environmental Science, Human Dimensions.

## Caitlin McCoy is IAEP Scholarship Winner!

Congratulations to this year's student scholarship winner, Caitlin McCoy. Caitlin is in her junior year at University of Illinois in Urbana, majoring in natural resources and environmental science. To win the scholarship of \$1,000, Caitlin wrote the best submitted essay on the theme, "Why I Chose to Major in an Environmental Discipline." She also had to demonstrate sustained academic proficiency, as well as providing two letters of commendation from faculty or other individuals knowledgeable of her career pursuits. Caitlin in her essay stated that majoring in this field has been the best decision she has ever made. She notes, "This century looms ahead with environmental problems resulting from a growing society. I want to be part of the solution, directing the United States towards a more environmentally aware lifestyle of

sustained development." Caitlin plans to focus both on the human dimensions of our environmental challenges as well as fish and wildlife conservation.

The judges, comprised of IAEP Board members, were impressed with Caitlin's dedication to her studies and her dream of becoming an environmental professional and her commitment to making the environment a healthier place. The scholarship money was a direct result of the success of IAEP's 1<sup>st</sup> Annual Golf Outing held in September 2005 at the White Deer Run Golf Club in Vernon Hills. IAEP would like to graciously thank the following sponsors of last year's Golf Outing:

- Pace Analytical Services, Inc.
- Terracon
- Great Lakes Analytical
- C.S. Drilling
- TRI Environmental Contractors
- Atwell-Hicks
- Kent Automotive
- Robinette Demolition, Inc.
- Patrick Engineering
- EDR

It was through the interest and commitment of these companies and the individuals who golfed last year that Caitlin received this scholarship support for her continued studies and ultimate graduation into the environmental profession of her choice. Details for the 2<sup>nd</sup> Annual Student Scholarship Competition will be available this fall via the IAEP newsletter and website.

### IAEP 2nd Annual Golf Outing

Thursday, September 28

*Location: White Deer Run Golf Club, Vernon Hills, IL*

*Registration: 10 am  
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*(see page 5 of the newsletter for more details and form)*



## Clean Coal Technology creates jobs in IL

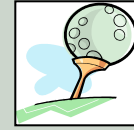
Peabody Energy plans to build the new Prairie State Energy Campus, a 1,500-megawatt generating plant and coal mine that will provide clean, low-cost electricity using state-of-the-art technologies. This more than \$2 billion project is estimated to inject nearly \$100 million annually into the Illinois economy, create approximately 2,500 jobs at peak construction and 450 skilled, permanent Illi-

nois jobs. The Prairie State Energy Campus is the largest private capital project ever planned for Southern Illinois. It represents a major victory for the Illinois coal industry and continues to usher in a new era of clean-coal technology that will reduce U.S. reliance on imported energy. A study prepared by Southern Illinois University Carbondale (SIUC) reveals that Peabody Energy's planned

Prairie State Energy Campus would inject about \$2.8 billion into the Illinois economy in new spending, job creation and induced economic activity over three decades of operation. Prairie State's emissions will be dramatically better than the U.S. coal plant average, the Illinois coal plant average and even proposed emission limits well into the future.



# Second Annual



## IAEP Golf Classic!

Thursday September 28, 2006

White Deer Run Golf Club

Vernon Hills, IL

### **Golf, Dinner, & Raffle Sponsorship Form**

The Illinois Association of Environmental Professionals (IAEP) hopes you will join us again for this special event! This Golf Fundraiser is to benefit the IAEP Environmental Student Scholarship fund. Thanks to many of you who attended last years outing, we are able to award a scholarship to a student in the Environmental studies. This outing will provide the perfect forum through which you can support the environmental studies of deserving students, while being able to network and communicate your company's message to leaders in the business and educational communities.

Registration & Driving Range 10:00 a.m.

Lunch 11:00

Shotgun Start 12:00

Cocktails and Dinner 5:30

**Hole Sponsorship Levels** (Application and Payment being accepted until September 15)

\_\_\_\_\_ **Diamond - \$3,000**

(up to 12 golfers + signage+ raffle)

\_\_\_\_\_ **Platinum - \$2,000**

(up to 8 golfers + signage+ raffle)

\_\_\_\_\_ **Gold - \$1,000**

(up to 4 golfers + signage+ raffle)

\_\_\_\_\_ **Silver - \$500**

(up to 2 golfers + signage+ raffle)

\_\_\_\_\_ **Copper - \$250**

(1 golfer + signage+ raffle)

\_\_\_\_\_ **Bronze - \$200**

(up to 2 Dinners + signage + raffle)

**Individual Golfers** (Application and Payment is being until September 15). Individuals will be placed in teams unless desired teammates are indicated in Contact Information below.

**Sponsor or Participant Contact Information:**

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

Contact Person: \_\_\_\_\_

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

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

\_\_\_\_\_

Fax: \_\_\_\_\_

\_\_\_\_\_

E-Mail: \_\_\_\_\_

Teammate names: (2) \_\_\_\_\_ (3) \_\_\_\_\_ (4) \_\_\_\_\_

If you wish to pay by credit card, contact Richard Hayes at 630-816-7184 to process your payment through the PayPal™ system.

Instructions: Please complete the form and submit with your payment. We can accept *checks, money orders, or credit cards*. *All checks must be made out to IAEP Illinois Chapter.*

Return all completed forms with check and/or money order (and any raffle items) to:

**Shari Merritt**

**158 Toulon Dr.**

**Buffalo Grove, IL**

**60089**

Call Shari at (847) 821-7133 with any questions regarding this event!

## National and International News

**Locations in the Andes, Mexico, Brazil, and Africa have "gap" locations needed for conservation efforts.**

The Human Dimensions Program of the Center for Applied Biodiversity Science a Conversation International in Washington, DC published a study listing 4,000 areas of land using GIS technology that are unprotected habitats. These are mainly in the tropics, on islands, and mountainous regions. These locations are large tracts of land that have a sparse human population. However, some areas have agricultural potential.

**Flame retardants are building up in the State of Washington's rivers and lakes.**

Flame retardants are used in everyday items like computer casings, carpet pads, and foam pads in furniture. The state's Department of Ecology found fish from 20 major rivers and lakes with high levels of polybrominated diphenyls ethers (PBDEs). In most rivers concentrations are less than 10ppb. They found 10-200 ppb. Some cases exceeded 1,000 ppb. Overall rivers had higher concentrations than lakes.

**US wind energy exceeds 10,000 megawatts.**

The US produces enough electricity on a typical day from wind energy to power the equivalent of over 2.5 million homes. A megawatt of wind power generates enough to serve 250 to 300 average homes. The record growth in wind power is driven by concerns over fuel price volatility and supply. In 2000, there was only 2,500 megawatts generated. In 2006, it is expected that the US will build 3,000 megawatts in 1 year! Wind power of 10,000 megawatts prevent 16 million tons of CO<sub>2</sub>.

**Earth's Ozone Heals.**

Earth's protective ozone layer, which was notably thinning in 1980, may be fully recovered by mid-century, climate scientists said last month. Ozone in the stratosphere, outside the polar regions, stopped thinning in 1997, the scientists found after analyzing 25 years worth of observations. Scientists from the Georgia Institute of Technology data showed it could be restored to 1980 levels if this current rate of healing continues.

### State News: IEPA Grant to reduce runoff from dairy producers

Illinois Environmental Protection Agency (IEPA) announced a \$167,843 grant from the Agency's Non-point Source Pollution Control Program for the Blackhawk Hills Resource Conservation and Development Council, which will aim to help dairy producers reduce runoff. The project will provide both technical and financial assistance to dairy producers who have limited resources. The project's goals include enhancing awareness among dairy producers of Best Management Practices (BMPs) that can reduce runoff, and to provide financial assistance to producers to put proven BMPs to use. Doing so will reduce the

amount of runoff from feedlots, roofs and milk house waste. The hope for this project is to provide producers with technical services to ensure the proper installation of BMPs to reduce that runoff.

The grant is being provided through the Illinois EPA as part of Section 319 of the Federal Clean Water Act. The purpose of the Illinois EPA's Section 319 Program is to work with local government and other organizations to protect water quality in Illinois through the control of nonpoint source pollution. The program provides funds to implement projects that utilize cost-effective best management practices to protect Illinois' water resources.

### Regional News: Dow Corning Corp. cited by US EPA Region 5

U.S. Environmental Protection Agency Region 5 has cited Dow Corning Corp. for alleged clean-air violations at two of its production processes at 3901 S. Saginaw Road, Midland, Mich.

EPA alleges Dow Corning failed to operate air pollution control devices that restrict emissions of volatile organic compounds and particulates (smoke, dust, ash) in the manner required by its state operating permit and state regulations. In addition, EPA said Dow Corning failed to comply with record-keeping requirements. Volatile organic compounds contribute to the formation of ground-level ozone, or smog.

Smog is formed when a mixture of air pollutants is baked in the hot summer sun. Smog can cause a variety of respiratory problems, including coughing, wheezing, shortness of breath and chest pain. People with asthma, children and the elderly are especially at risk, but these health concerns are important to everyone. Inhaling high concentrations of particulates can affect children, the elderly and people with heart and lung diseases the most.



## Corporate Profile: ATC Associates, Inc. (ATC)

ATC Associates Inc. (ATC) is a leading national environmental consulting and engineering firm, providing a diverse range of services through a network of 63 offices and 1,800 qualified, full-time professionals and support personnel. ATC routinely provides services in each of the fifty (50) United States.

Year after year, *Engineering News-Record (ENR)* ranks ATC as one of the leading environmental and design consultants nationwide. 2005 ENR rankings are as follows:

Top 5 in Asbestos and Lead Abatement* (5th consecutive year)	ATC ranks No. 1
Top 25 in Site Assessment/Compliance*	ATC ranks No. 17
Top 200 Environmental Firms	ATC ranks No. 43
Top 500 Design Firms in the US*	ATC ranks No. 57



ATC's core services fall generally into the following categories:

- Phase I Environmental Site Assessments
- Phase II Environmental Site Assessments and Subsurface Investigations
- Underground Storage Tank Management Services
- Site Remediation
- Industrial Hygiene Services
  - Asbestos Assessment and Abatement Management Services
  - Lead-Based Paint Risk Management
  - Indoor Air Quality Services
  - Mold/Bacteria Assessment and Remediation Management Services
- Geotechnical Investigations
- Construction Materials Testing Services
- Property Condition Assessments.

Nationwide, ATC performs more Phase I Environmental Site Assessments (ESAs) than any other consulting firm; ATC conducts more than 10,000 Phase I ESAs annually. The assignments range from complex multi-site portfolios on fast-track schedules for national clients to local projects for single-site owners. In addition, ATC has completed more than 100,000 subsurface investigations and surveys in all 50 states and 20 foreign countries in all types of geologic environments.

ATC's mission is "to nurture strong client relationships and referrals by consistently exceeding expectations through our professional, well-trained, well-equipped, and motivated team".

For more information, contact:

Mike Widera - Business Development Manager  
 ATC Associates Inc.  
 419 Eisenhower Lane South  
 Lombard, IL 60148-5706  
 Phone 630-916-7272, Ext. 224  
 Fax 630-916-7013  
 Email [widera11@atc-enviro.com](mailto:widera11@atc-enviro.com)

## IL Household Hazardous Waste Collections

Sept. 30	Commuter Parking Lot 5000 Belmont Avenue Downers Grove	DuPage County	DuPage County
Oct. 7	Alexian Field (Flyers Stadium) West Parking Lot 1999 Springinsguth Schaumburg	Cook County	Village of Schaumburg, Schaumburg Park District, Rep. Terry Parke's Environmental Committee, Schaumburg Flyers
Oct. 7	Interstate Center 2301 West Market Street Bloom- ington	McLean County	Ecology Action Center & McLean County
Oct. 14	City Parking Lot 11059 South Hale Chicago	Cook County	Chicago Dept of Environment
Oct. 14	Storage Facility on Route 32 just North of Stewardson Metra Station	Shelby County	Shelby County Health Depart- ment
Oct. 21	147 <sup>th</sup> Place & Waverly Midlothian	Cook County	Metropolitan Water Reclama- tion District of Greater Chicago

One day collections from 8 am to 3 pm on Saturdays.

## EPA air emission requirements for Animal Feeding Operations

EPA has just gotten approval to take the next important step to gather air emissions data from agricultural animal feeding operations (AFOs) and to ensure compliance with environmental laws. This step consists of certain AFOs voluntarily taking part in a nationwide monitoring study to evaluate their air emissions. EPA began to realize in the late 1990's that it didn't have sufficient air emissions data to determine potential regulatory requirements for AFOs under the Clean Air Act (CAA), so to resolve the situation it began discussions with AFO owners in 2001.

These discussions led to a

Jan. 31, 2005 EPA Federal Register notice offering individual AFOs an opportunity to voluntarily sign-- by Aug. 12, 2005-- a consent agreement committing them to conduct a nationwide study to monitor and get a better handle on the nature of their air emissions. This consent agreement also resolves certain air violations under the Clean Air Act, as well as the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) – also known as Superfund – and the Emergency Planning and Community Right-to-Know Act (EPCRA).

EPA's Environmental Appeals Board (EAB) just approved the two final

voluntary agreements, making a total of 2,568, representing 1,856 swine, 468 dairy, 204 egg-laying, and 40 broiler chicken (meat-bird) operations. These 2,568 agreements represent 6,267 farms (an AFO can include more than one farm). Now the industry-led monitoring survey can proceed; it is expected to begin this winter.

Within 18 months following the monitoring study's conclusion, EPA will evaluate all data and publish emission-estimating methods for AFOs. These methods will allow AFOs to estimate their emissions and comply with applicable federal regulatory requirements as appropriate.

As an incentive for AFOs to participate, EPA agreed not to bring certain enforcement actions against participating AFOs during the course of the monitoring survey; however, all participants must pay a penalty that is based on the number of animals maintained at the operation and must assure compliance with the CAA, CERCLA, and EPCRA once EPA publishes the emissions methodology.

The EAB is an impartial, independent body that acts as the final decision maker on administrative appeals under all major environmental statutes that EPA administers.

*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.

_____	<b><u>Membership Categories (check one)</u></b>		
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**