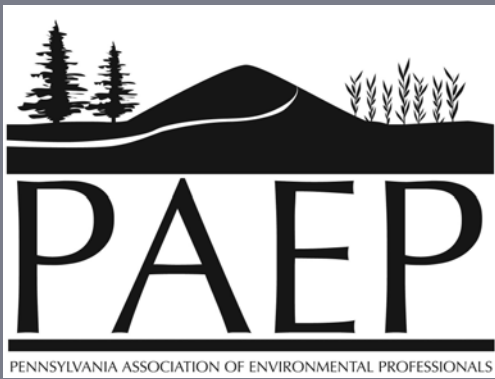


PENNSYLVANIA ASSOCIATION OF ENVIRONMENTAL PROFESSIONALS



The Future is Now



ANNUAL CONFERENCE

MAY 13 – 15, 2009

**Ramada Conference Center
State College, PA**



The Future Is Now...

The current state of the economy has adjusted considerations for budgeting nationwide in many areas, including those related to the environment. As environmental professionals, we need to ensure that decisions made today maintain the focus of protecting the environment for future generations.

The PAEP invites you to join your peers in exploring these and related issues at our 2009 Annual Conference: “The Future Is Now” This three-day gathering of environmental professionals from consulting, government, educational and private industry across the Commonwealth offers premium educational, networking, and marketing opportunities.

Kicking off this year’s conference on Wednesday, May 13, will be ‘green’ traveling workshops with visits to sites of technical, ecological, and educational interest. Choose a walking tour in the morning, or a biking tour in the afternoon. As an alternative to the workshops, spend the day on the ‘greens’ at the PAEP Golf Tournament. On Wednesday evening there will be an opening reception followed by a special presentation, “*Wild Pennsylvania*” by Michael P. Gadowski, Photographer.

On Thursday morning, the seminar portion of the conference begins with a panel discussion of experts from the Union of Concerned Scientists. This discussion will not only include discussions about the environmental impacts and mitigations of climate change, but will also include experts on the ethics and economic aspects. Three concurrent tracks of seminars will then discuss topics related to natural resources, regulatory/professional development and pollution prevention/energy efficiency topics. These will be followed by another panel discussion about the water and wastewater issues of drilling for natural gas in the Marcellus shale formation. Lunch on Thursday will honor the 2009 recipients of the Karl Mason Awards.

Capping the day, Acting Secretary of PA Department of Environmental Protection, John Hanger, will be the keynote speaker at the Thursday evening banquet. The conference will finish Friday morning with breakfast and Board of Directors meeting, followed by a group discussion about the future of the environmental professional.

If you are an environmental professional in Pennsylvania, you shouldn’t miss this conference!

See you there!

SESSION HIGHLIGHTS

Wednesday

May 13, 2009

- 10:00 am - 5:00 pm Traveling Workshops - Two 'all new' and 'green' traveling workshops will kick off the conference on May 13.
- 11:00 am - 5:00 pm PAEP'S Annual Golf Tournament - Penn State White Golf Course – The White Course, renovated in 2005, and with holes dating back to 1922 will prove to be a fun time for every player. Tee times begin at 11:00 AM.
- 2:00 pm Registration Open
- 2:00 pm - 5:30 pm Exhibitor Set-up
- 6:00 pm - 7:30 pm Reception with Exhibitors
- 7:30 pm - 8:30 pm Special Presentation
Wild Pennsylvania - Michael P. Gadomski, Photographer – Mr. Gadomski's multimedia presentation, done in the Ken Burns style of film making, will take the viewer on a tour of Pennsylvania's wild and natural areas. Over 400 still images fade, pan and zoom during a running narration with subtle periodic background music. The video was featured at the 2007 Black Bear Film Festival.

Thursday

May 14, 2009

- 7:30 am Registration Open
- 7:30 am - 8:30 am Continental Breakfast with Exhibitors
- 8:30 am - 10:00 am **General Opening Session and President's Welcome**
Virginia M. Bailey, McCormick Taylor, Inc. – PAEP President
- Projections of Climate Change for Pennsylvania: The Ethical and Economical Considerations of Mitigation Efforts.* – Dr. Brent Yarnal, Department of Geography, Penn State University; Dr. Raymond G. Najjar, Dept. of Meteorology, Penn State University; Dr. Donald A. Brown, Associate Professor of Environmental Ethics, Science, and Law, Penn State University; Dr. James S. Shortle, Professor of Agricultural and Environmental Economics, Penn State University – On this panel are some of the contributors to the Union of Concerned Scientists' report, "Climate Change Impacts and Solutions for Pennsylvania." They will present the potential impacts that climate change will have on Pennsylvania, along with the economic and ethical problems associated with these impacts. Following their presentations there will be an opportunity for discussion of potential solutions.
- 10:00 am - 10:30 am Break with Exhibitors

SESSION HIGHLIGHTS

Thursday

May 14, 2009

10:30 am - 11:15 am Breakout Sessions

Natural Resources Track

Helping Peregrine Falcons Return to Pennsylvania – Jeff Luzenski, PPL Services Corporation– Just a few years ago in Pennsylvania, there were no wild Peregrine Falcons left to nest. The chance of seeing one of these magnificent birds of prey in our skies was next to impossible. Find out how the efforts of the Pennsylvania Game Commission, falconers, businesses, environmental organizations and individuals are helping re-establish this species. See how these efforts have gained the attention and interest of students, teachers and others worldwide. This is a great example of how doing the right thing is truly in the best interest of everyone!

P2E2 Track

Electricity Generation Using Microbial Fuel Cells – Bruce E. Logan, Penn State University - Microbial fuel cells (MFC's) are a new approach to renewable bioenergy production based on the direct microbial conversion of organic matter to electricity. Certain bacteria can oxidize organic matter and transfer electrons outside the cell to the electrode (anode) under anaerobic conditions. The electrons flow to the counter electrode (cathode) where they combine with oxygen and protons to form water. We have shown that it is possible to directly generate electricity from virtually any biodegradable organic matter in an MFC including pure compounds (such as acetic acid and other volatile acids) and wastewaters (domestic, animal, food and other industries).

Regulatory Track

Update on Federal 404 Permitting – John Gible, U.S. Army Corps of Engineers – Regulation and policy changes to the EPA/Corps Section 404 regulatory program will be discussed. Topics include mitigation requirements, banking, significant nexus and jurisdiction, as well as plant list updates and regional supplements to the Corps wetland manual.

11:15 am - 12:00 pm Breakout Sessions

Natural Resources Track

Streamline Buffers and Floodplain Protection – Deborah Nardone, PA Council of Trout Unlimited – This presentation will discuss the benefits of streamside buffers and the need for floodplain restoration and protection as the most effective strategy for reducing flood damage. A proposal to require minimum 100 foot streamside buffers is being promoted by the PA Campaign for Clean Water along with over 130 organizations, businesses and local governments. Presenters will describe the wide range of beneficial functions provided by forested buffers, the regulatory context for the proposal, and its current status. In addition, the merits of floodplain restoration and protection as tools to reduce flood damage will be described, as alternatives to expensive structural investments. The presentation will include the renewed focus on community protection that needs to be taken when addressing concerns about flooding, flood damage reduction, drinking water and water quality protection, and protecting and benefiting already challenged community budgets.

P2E2 Track

History for the Public: Pennsylvania's Energy Heritage – Dr. Kenneth C. Wolensky, PA Historical and Museum Commission – Each year the PA Historical and Museum Commission, the Commonwealth's Official History Agency, engages and educates the public on a theme relevant in state history. 2009 marks *Energy: Innovation and Impact* and examines the Commonwealth's unique role in the nation's energy history. This session will present the theme and its associated web-based educational materials and engage the audience in learning more about PA's energy history.

Regulatory Track

The Susquehanna Greenway – Pennsylvania's Largest "mega" Greenway – Gary Bloss, Susquehanna Greenway Partnership - The presentation will provide an overview of the planning and development of the Susquehanna Greenway and of the Susquehanna Greenway Partnership whose mission is to develop and sustain the Susquehanna Greenway to connect communities and enrich lives through enhanced recreation, healthy living, economic prosperity and environmental stewardship.

12:00 pm - 1:15 pm

Karl Mason Awards Luncheon

1:30 pm - 2:15 pm

Breakout Sessions

Natural Resources Track

The Blue Valley Fish Culture Station – Treatment and Reuse of Acid Mine Drainage – Timothy Keister, CWT, ProChemTech International, Inc. – This presentation will cover the design and operation of The Blue Valley Fish Culture Station where 250 +gpm of acid mine drainage is treated and used as the sole water source for a trout culture station raising 15,000 fish per year.

P2E2 Track

Beneficial Reuse at the University Area Joint Authority – Jason D. Wert, Herbert, Rowland & Grubic, Inc. – Mr. Wert will discuss the nationally recognized indirect potable reuse project at the University Area Joint Authority. His discussion will focus on the concepts, planning, technology and implementation of this \$75 million advanced wastewater treatment facility.

Regulatory Track

PennDOT and the Environment – Hot Topic Policies, Programmatics, and Initiatives – Camille A. Otto, McCormick Taylor, Inc. – This presentation will provide an update on new/recent policies, programmatics and initiatives within the Pennsylvania Department of Transportation. Items for discussion will include topics such as Section 4(f) water trails, information on the proposed Bridge Programmatics, Bog Turtle and Mussels Programmatics, mitigation tracking and more.

SESSION HIGHLIGHTS

Thursday

May 14, 2009

2:15 pm - 3:00 pm

Breakout Sessions

Natural Resources Track

Lycoming County Chesapeake Bay Nutrient Management Strategy: A Collaborative Approach to Minimize Costs and Promote Environmental Stewardship – Dennis W. Auken, Delta Development Group, Inc. and John R. Shuman, Land Studies, Inc. – This presentation will show how one county is proactively addressing an environmental crisis and turning it into an opportunity to sustain investments in environmental stewardship and meet environmental compliance requirements over the long-term.

P2E2 Track

The Status and Future of Solar Technology – Andrew S. Lau, Penn State University – Solar energy is the only sustainable energy source. Many solar technologies are viable today, including passive solar heating, solar water heating and solar photovoltaic electricity. Future possibilities include solar power towers and direct production of energy and fuels using biological means. This talk will review the salient characteristics of these systems.

Regulatory Track

Training the Next Generation of Environmental Professionals – Simeon Suter, Stell Environmental Enterprises, Inc. – Every day we are faced with teaching opportunities and all of us would agree that there is never enough time for adequate training. So how do you develop a culture of training? How do you stay ahead of the curve, considering the rapid pace of change, and how do you address the new generation of employees who learn differently than those of us from another generation who are in positions of management and leadership?

3:00 pm - 3:30 pm

Break with Exhibitors

3:30 pm - 5:00 pm

General Session

Marcellus Shale: Water and Wastewater Issues with Gas Drilling
Thomas Beauduy, Susquehanna River Basin Commission; Scott Blauvelt, East Resources, Inc.; David English, PA DEP Bureau of Oil and Gas Management; Bryan Swistock, Penn State University- Development of the Marcellus shale formation has raised new concerns about potential impacts on water resources and the ultimate treatment and disposal of waste fluids from the drilling activities. This presentation will focus on how Pennsylvania's water resources are protected. Following the presentations there will be an opportunity for questions and discussion.

6:00 pm - 7:00 pm

Reception with Exhibitors

7:00 pm - 10:00 pm

Banquet and Keynote Presentation

Pennsylvania's Progressive Steps Toward a Clean Energy Future - Keynote Presentation by **John Hanger**, Acting Secretary, PA Department of Environmental Protection – Acting Secretary Hanger will discuss the progressive actions Pennsylvania has taken to transform energy generation, supply and demand. These changes promote a sustainable energy future based on renewable and alternative energy, energy efficiency and conservation and low carbon energy sources that reduce the state's greenhouse gas impacts.

John Hanger is the Acting Secretary of the Pennsylvania Department of Environmental Protection. As Acting Secretary, Mr. Hanger manages an agency of more than 3,000 employees with a mission to protect Pennsylvania's air, land and water from pollution and provide for the health and safety of its citizens through a cleaner environment, working as partners with individuals, organizations, governments and business to prevent pollution and restore natural resources. Mr. Hanger is responsible for overseeing the development of a balanced ecological system through the protection of Pennsylvania's environmental resources and assisting the regulated community and public in complying with environmental laws and regulations through a variety of technical assistance and outreach programs. He is also responsible for making all policy and resource allocation decisions, as well as representing the department before the legislature, the general public and those affected by any departmental actions.

Friday

May 15, 2009

8:00 am

Registration Open

9:00 am - 10:00 am

Breakfast Buffet
General Membership Meeting
Board of Directors meeting

10:00 am - 11:30 am

General Session

The Future of the Environmental Professional – Wayne Kober, Wayne W. Kober, Inc., Transportation & Environmental Management Consulting – Mr. Kober will facilitate a group discussion addressing career-related issues raised by the participants where both junior and senior professionals get a chance to share perspectives.

11:30 am

Conference Adjourns

ONSITE SERVICES

Hotel

Ramada Conference Center
1450 South Atherton Street
State College, PA 16801
(814) 238-3001
www.ramadasc.com

Group Room Rate: \$75.00 Single/Double Occupancy (plus 6% PA sales tax and 2.5% occupancy tax)

Reservations: To make your room reservation, please call (814) 238-3001 and mention PAEP to receive the group rate.

Reservations must be made no later than Monday, April 20, 2009. Please note that the available room block may fill prior to the aforementioned cut-off date. Reservations made after the cut-off date, or if the room block has been filled, will be accepted based upon availability with the group rate. Be sure to call early! Directions can be found on the hotel web site
www.ramadasc.com

Registration Information

Full Registration includes Opening Reception and special presentation on Wednesday May 13; all sessions and meals on Thursday May 14 and Friday, May 15.

Single Day Registration Includes: all sessions, meals and materials for that specific day. Non-Member Registration Fee includes PAEP Membership fee for 2009.

Students: If you are a student and interested in attending the conference, please contact Brian Oram at brian.oram@wilkes.edu for details.

You must be a current PAEP member for the member rates to apply.

Cancellations

All cancellations must be made in writing to PAEP and received by May 6, 2009 in order to receive a refund. All registrations will incur a \$25 non-refundable processing fee. No refunds will be given for cancellations received after this deadline or for 'no shows.'

Traveling Workshops

Walking Tour (9:20 AM – 1:00 PM)

Penn State has a wide variety of green facilities on campus (over 30 green facilities or features throughout the University Park campus!). The walking tour will consist of a few of the facilities, with an introduction to other buildings and green initiatives going on at Penn State. From LEED certified buildings and green roofs, fuel cell car technology, and a model sustainable home that works off-the grid, come learn what our FUTURE can be. Site visits on the walking tour will include:

CATA public transportation vehicle (fee included)
Hydrogen Fuel Station and HyLion fuel cell vehicle (<http://www.rps.psu.edu/hydrogen/fill.html>)
MorningStar Home (<http://www.cfs.psu.edu/MorningStar.aspx?p=31>)
School of Forest Resources LEED certified building

* The walking tour will begin at the Ramada Inn.

Lunch (1:00 PM – 2:00 PM) included in each tour.

Lunch provided at the Pita Pit, a green certified restaurant, at 231 E. Calder Way. Enjoy a delicious lunch and learn what it takes to become a green certified restaurant.

Bicycle Tour (2:00 PM – 5:00 PM)

The bicycle tour will tour more sustainable/green sites in the immediate State College area and will include a talk about the vast amount of ways the State College area has made things pedestrian and bicycle friendly. Tour roads and designated bike paths to visit managed wetland areas, a green office building, and a beneficial reuse water treatment facility. The tour will be led by Dr Paul Simpson, a primary care Internal Medicine physician in Mill Hall, PA and bicycle commuter since 1984. He has lectured internationally on topics such as: "Community destruction and health impacts of sprawl development and excessive automobile use", "How the War on Terror has been used to discriminate against pedestrians, bicyclists, and users of mass transit", "The role of physicians in designing, promoting, and developing communities which make physical activity a normal part of daily life", and "The effects of social inequality on health". Dr. Simpson is also the vice president and webmaster of the Centre Region Bicycle Coalition. Site visits on the bicycle tour will include:

Envinity/Matson Associates Building
Millbrook Marsh and Nature Center (<http://crpr.centreconnect.org/Millbrook/MMNC-Menu.html>)
University Area Joint Authority beneficial reuse wastewater system (<http://www.uaja.com/index.htm>)

* The bicycle tour will begin at the Pita Pit and conclude at the Ramada Inn.

Sponsorship and Exhibition

PAEP welcomes sponsors for various conference events, as well as exhibitors. Sponsor logos will be highlighted on PAEP's website, in the conference program, and at the conference. Exhibitors will be provided with a display area. Please contact Steve Cannizarro at (570) 340-1176 or by email at scannizzaro@cmcsr.org for additional information.



2009 PAEP Annual Conference Registration Form
(Please use one registration form per person)

NAME _____ BADGE NAME _____

COMPANY _____

ADDRESS _____

CITY _____ STATE _____ ZIP CODE _____

EMAIL _____ TELEPHONE _____

<u>Type of Registration</u>	<u>Member</u>	<u>Non-Member</u>	<u>Total</u>
___ Full Registration	\$225	\$260	_____
___ May 13 Reception	\$25	\$45	_____
___ May 14 One-day rate	\$168	\$205	_____
___ May 15 One-day rate	\$68	\$105	_____
___ May 13 Golf-Outing	\$52	\$52	_____
Traveling Workshops			
___ Walking Tour	\$13	\$15	_____
___ Cycling Tour*	\$10	\$12	_____
___ Both*	\$13	\$15	_____
___ \$25 Late Fee After 4/27	\$25	\$25	_____
TOTAL			_____
ENCLOSED:			\$ _____

► **PAYMENT**

Check Enclosed (payable to PAEP) MasterCard Visa

Credit Card	Expiration Date	CCV#
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Signature (credit card orders only) _____

Please check here:

This is my first time attending PAEP's Annual Conference

I require special dietary attention or have a disability and require accommodations in order to fully participate in this meeting.

**You will be contacted by a PAEP staff member to discuss your specific needs.

* For bicycle tour, Please choose one of the following options
 ___ I need to rent a bicycle (\$15 additional fee)
 ___ I will bring my own bicycle*

* Please note, if you bring your own bicycle and sign up for both tours, you are responsible for getting your bicycle to the start of the bicycle tour at the Pita Pit by 2:00 PM

► **MEAL ATTENDANCE CONFIRMATION (please complete)**

Please confirm which scheduled meal function(s) you will be attending based on the type of registration you have selected above so we may include you in our counts to the hotel: (check all that apply)

___ May 13 Wednesday Opening Reception

___ May 14 Thursday Banquet with John Hanger

___ May 15 Friday Brunch Buffet

I give permission for PAEP to disseminate my name and contact information (i.e. list of attendees) at the conference.
 YES NO

Signature: _____ Date: _____

► **REGISTRATION PROCEDURE**

Please complete and return this registration form along with payment to:

Pennsylvania Association of Environmental Professionals
 174 Crestview Drive, Bellefonte, PA 16823-8516
 Phone: 814.355.2467 Fax: 814.355.2452

PAEP'S Annual Golf Tournament

May 13, 2009

Penn State White Golf Course

Tee Times Starting at 11:00 am



To be held in conjunction with the PAEP Annual Meeting (May 13-15, 2009) at the Ramada Conference Center, State College PA.

TEE TIMES: Tee times begin at 11:03 am. The committee will assign tee times and groups to ensure fair competition and fun for all.

COST: Cost for the event is \$52 per golfer which includes cart, greens fees, prizes, and light snacks.

WHO: Everyone can play! Being a good golfer has nothing to do with it! Come out to meet other PAEP members, and have a good time!

WHERE: Penn State White Golf Course (off College Ave - directions will be provided)

HOW: Fill out the information below and send with your registration (check made out to "PAEP").

Name of Player: _____ Company: _____

Phone No: _____ email: _____

Handicap: (circle one)	0-10	11-15	15-25	25-30	30+	What's a handicap?
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ALL REGISTRATIONS MUST BE RECEIVED BY FRIDAY MAY 1, 2009

Important Deadlines

April 20: Ramada reservation cut-off date

April 27: Registration form due to PAEP

May 6: Cancellations must be received
in writing to receive a refund

Questions? Contact the PAEP
Registration Office at (814) 355-2467 or
info@paep.org

Visit our website at www.paep.org



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Return Service Requested