

## MESSAGE FROM PRESIDENT MATT PIERCE



Welcome to an exciting 2010-2011 ASCE Pittsburgh Section campaign – a campaign aimed at boosting awareness of what ASCE Pittsburgh is all about and what civil engineers can offer our communities. Did you know the Constitution of the Pittsburgh Section states that “the objective of the Pittsburgh Section shall be the advancement of the science and profession of civil engineering through education”? So what is ASCE Pittsburgh Section doing? From educational outreach in K-12; to support of local and national high school science and engineering fairs; to working with local officials and press to educate the public on the state of our crumbling

infrastructure; to offering our members continuing education and technical knowledge; to offering a career conduit for local students through a strong Younger Member Forum; our Pittsburgh Section of ASCE is active and working hard to advance our profession of civil engineering through more knowledgeable and well-rounded professionals and by capturing the minds and interests of future generations of engineers. I invite our 1600+ members to get involved with Section activities in order to truly recognize the benefits of membership and to give back to our profession and our communities. As an ASCE Pittsburgh Section member, whether a student or a lifetime member, what are you doing to advance the science and profession of civil engineering?

A photograph of the Consol Energy Center, a large, modern, multi-story building with a glass facade. The building is yellow and white. The ASCE logo is visible on the building's facade. The sky is blue with some clouds. Overlaid on the right side of the image is the text "Save the Date!! 10.1.10". At the bottom of the image is a banner with the ASCE logo and the text "ASCE Fall Kickoff Meeting at the Consol Energy Center". Below the banner, it says "Featuring: Penguins Ticket Raffle" and "Speaker TBD. stay tuned to www.asce-pgh.org for details".

**Save  
the  
Date!!  
10.1.10**

**ASCE** Fall Kickoff Meeting at the Consol Energy Center  
Featuring: Penguins Ticket Raffle  
Speaker TBD. stay tuned to [www.asce-pgh.org](http://www.asce-pgh.org) for details



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## RIZZO RECIEVES USSD AWARD FOR TAUM SAUK PROJECT



Paul C. Rizzo Associates, Inc. has received the United States Society on Dams (USSD) Award of Excellence in a Constructed Project for its work on the Taum Sauk Upper Reservoir Restoration Project. This annual award is presented by USSD in recognition of an outstanding contribution to society through construction. RIZZO was the Engineer-of-Record and the Construction Manager for the rebuild of the failed dike. The Owner,

AmerenUE and the Contractor Ozark Constructors, LLC; A Fred Weber – ASI Joint Venture were also presented this prestigious award.

In late 2005, the breach released 1.4 billion gallons of water and was named Missouri's worst man-made disaster. The new Upper Reservoir, completed in late 2009, involved a complete rebuild of the dam, making it the largest Roller Compacted Concrete dam in North America. The project is owned and operated by AmerenUE, Missouri's largest electrical utility company.

This is second time RIZZO has been presented with the USSD Award of Excellence. The firm received the award in 2006 for providing engineering and construction management services for the Saluda Dam Remediation Project in Columbia, South Carolina.

Paul C. Rizzo Associates, Inc., is an engineering, consulting and construction management firm, headquartered in Pittsburgh, Pennsylvania. RIZZO has a dedicated team of international experts that specialize in Dams and other Water Resource Projects. RIZZO's expertise also includes projects in the Power Generation (Nuclear, Hydroelectric and Coal), Transit (Bridges and Tunneling), and Mining industries.



## KOVACS ELECTED AS ASCE FELLOW

John Kovacs of Gannett Fleming has been elected as a Fellow of the American Society of Civil Engineers. An ASCE Fellow is the second-highest membership grade for the association, after that of Honorary Member. Fellow status must be attained by professional accomplishments via application and election by the Membership

Application Review Committee. It is an honor held by fewer than 6 percent of ASCE members.

Mr. Kovacs currently serves as a vice president and regional manager for Gannett Fleming, Inc., an international planning, design, and construction management firm. He is responsible for significant civil infrastructure projects involving highways, bridges, water treatment and supply, railroads, and water resource and navigation structures, as well as forensic engineering assignments. Kovacs is a licensed professional engineer in four states, a certified Project Management Professional (PMP®) through the Project Management Institute, as well as a diplomat of the Academy of Geo-Professionals.

With more than 17 years of experience, Kovacs holds a bachelor of science in civil engineering from Carnegie Mellon University, a master of science from the University of Pittsburgh in civil and environmental engineering, as well as a master of business administration from the University of Pittsburgh Joseph M. Katz Graduate School of Business. He is a former president of the ASCE Pittsburgh Section, the treasurer of the section's Student Award Foundation, and on the national ASCE/Engineers Without Borders Joint Task Committee. The ASCE Pittsburgh Section recognized him with the Young Civil Engineer of the Year award in 1999 and the Civil Engineer of the Year Award in 2007. The Department of Civil and Environmental Engineering at Carnegie Mellon University presented him the 2009 Outstanding Alumni Service award for his contributions to the department, including active service on its Alumni Advisory Council.

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Proudly Present on  
**Thursday September 9, 2010:**

**Pittsburgh Regional Water Conference:  
Protecting and Utilizing our Greatest Asset**

Building off of the momentum of the G-20 Summit and our region's selection to be the North American host for [World Environment Day 2010](#), this all day conference will demonstrate ways in which our region leads in the management of water and how we are utilizing our greatest asset. This event will draw professionals from the public sector seeking to learn about practical solutions as well as engineering practitioners looking to understand what is on the minds of community leaders relating to sustainability and clean water.



**Location:**  
Regional Learning Alliance at Cranberry Woods  
850 Cranberry Woods Drive  
Cranberry Township, PA 16066

**Registration:**  
Visit online at [www.C4SPgh.org](http://www.C4SPgh.org) or contact:  
Matthew Mehalik, Sustainable Pittsburgh  
email: [mmehalik@sustainablepittsburgh.org](mailto:mmehalik@sustainablepittsburgh.org)  
tel: 412.258.6644

**Cost:**  
\$110 for Members,  
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\$50 for Students  
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email: [rdengler@GFNET.com](mailto:rdengler@GFNET.com)  
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Breakfast and Lunch Provided

\* 5.5 hours of Continuing Education PDH's is creditable for attendance at this event



- Some Topics to be Covered:
- Our Region's Water Advantages – Why Pittsburgh?
  - The Future of Water Quality Regulations and Solutions
  - Marcellus Shale Mining Impacts and Solutions
  - Early Warning Detection Systems for Water Protection
  - Cardinal Resources Innovative Solutions to Clean Water
  - The Water Consortium Initiative in Southwest PA
- Panel and Audience Discussion:
- In addition to a list of impressive speakers and presentations, a panel discussion will be held in order to discuss what engineering and policy practitioners believe to be the most important water-related issues for our region in order to ensure that the right responses to water demand are addressed.

**AGENDA**

- 7:30-8:30am **Registration & Continental Breakfast/Introductions**  
Thomas Batrone, Chair, EWRI Pittsburgh Section  
Matt Mehalik, Program Manager, Sustainable Pittsburgh
  - 8:30-9:15 **Pittsburgh-A World Center of Water Resources Management Projects and Opportunities**  
Werner Lohlein, P.E., Chief, Water Management Branch Operations Division, Pittsburgh District of the Army Corps of Engineers
  - 9:15-9:45 **The Future of Pittsburgh's Water Quality Management and Regulation**  
Dr. Stanley States, Ph.D., P.E. Water Quality Manager, Pittsburgh Water and Sewer Authority
  - 9:45-10:15 **The River Alert Information Network-Safeguarding Pittsburgh's Water Supply**  
Thomas McCaffrey, Pennsylvania Department of Environmental Protection
  - 10:15-10:30 **Break**
  - 10:30-11:00 **Looking Towards the Future of Marcellus Shale Exploration**  
Speaker Pending, Will be Announced at Later Date
  - 11:00-11:30 **Marcellus Hydrofracture Flowback and Wastewater Treatment, Recycle, and Disposal Technologies**  
Timothy Keister, Chief Chemist/President, ProChemTech International, Inc.
  - 11:30-12:00 **Emergency Water Response: Transitioning from Short-Term Needs to Long-Term Viability**  
Ronald Cross, P.E., Cardinal Resources LLC
  - 12:00-1:00pm **Lunch**
  - 1:00-1:30 **Water Innovation Opportunities in Southwestern Pennsylvania**  
Dr. Jeanne VanBriessen, Ph.D., Professor, Department of Civil and Environmental Engineering at Carnegie Mellon University
  - 1:30-3:00 **Pittsburgh Regional Water: Protecting and Utilizing our Greatest Asset Panel Discussion Including:**  
Timothy Prevost, P.E., ALCOSAN Manager of Wet Weather Programs  
Gregory Scott, P.E., Region 2 Governor of the American Society of Civil Engineers  
Curtis Fontaine, P.E. Chair of Southwestern PA American Water Works Association  
David Kaufman, P.E., Vice President of Engineering, PA American Water  
Karen DeCampli, Sales Channel Manager Mid-Atlantic Region, Siemens Water Technologies  
Scott Cowburn, P.E., Senior Project Manager at CDM, Pittsburgh (Invited)
  - 3:00-3:30 **Q&A Session/Forum Discussion/Adjourn**
- 5.5 hours of Continuing Education PDH's is creditable for attendance at this event**



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## WITHIAM RECEIVES WILLIAM H. WISELY AWARD

The Pittsburgh Section wishes to congratulate James L. Withiam, Ph.D., D.GE, M.ASCE, who was recently recognized as one of the recipients of the 2010 William H. Wisely American Civil Engineer Award. This award recognizes ASCE members for their continuing efforts to promote appreciation for the history, tradition, developments and technical and professional activities of the Society.

Dr. Withiam joined D'Appolonia Engineers in 1978, and became an owner and principal of the firm in 1988. Dr. Withiam has 33 years of engineering experience with D'Appolonia where he has been responsible for the management and technical direction of geotechnical projects involving design, construction, research, technical evaluations and forensic investigations.

An ASCE member since 1970, Dr. Withiam has been active in the Pittsburgh Section of ASCE where he was Chair of the Geotechnical Group (1993-1994) and President of the Pittsburgh Section (1996-1997), and Program Chair for the ASCE National Convention held in Pittsburgh in 2008. For the Geo-Institute of ASCE, Dr. Withiam was an Editorial Board Member of the Journal of Geotechnical and Geoenvironmental Engineering (1995-1997), an Editor of the JGGE (1997-2003), Editor-in-Chief of Geo-Strata magazine since its inception in 2000, a member of the Technical Publications Committee since 2003 and its current Chair, a member of the Awards Committee (2005-2010), and a member of a Presidential Task Force to evaluate a proposed Journal of Geotechnical Engineering Practice (2009). In 2009, Dr. Withiam chaired the Civil Engineering Task Force for ASCE to examine the mission, business model and future publication of CE Magazine. Dr. Withiam has received several awards and certificates of appreciation, including: Pittsburgh Civil Engineer of the Year (1997); President's Award from Geo-Institute for Chair of Editorial Board for Geo-Strata Magazine (2003); Certificate of Appreciation for distinguished service to ASCE and the Geo-Institute as Chair of the Geo-Strata Editorial Board (2000-2007); Michael A. Gross Meritorious Service to the Pittsburgh Section Award (2008).



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**Event Information:** For more information, including individual registration information, please visit <http://www.ewb-northeast.org/Home/2010-workshop>



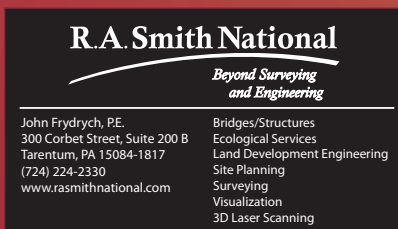
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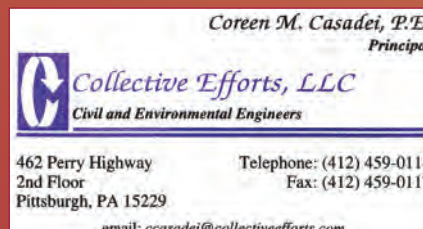
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That's why it's never been a better time to be an ASCE member. ASCE compiled resources and programs to ensure that you and your company get the help you need to not only survive, but thrive in this challenging economy. Turn to the Society's one-stop resource to continue succeeding and moving forward in your professional and personal life, in spite of the turbulent economy -- Survive & Thrive. From assisting you in a job search and building your professional skills, to making sure your personal finances can withstand the buffeting of the markets, Survive & Thrive includes links to a wide array of help available from ASCE. Find the Survive & Thrive page and other career-building resources under the Professional Development section of the ASCE home page, or go directly to [asce.org/surviveandthrive](http://asce.org/surviveandthrive). It's a page worth bookmarking for future reference.

## PENNSYLVANIA RELEASES CONTINUING EDUCATION REQUIREMENTS

On May 12, 2010, the legislature enacted and the Governor signed into law Act 25 which amended the Engineer, Land Surveyor and Geologists Registration Law to clarify the requirements for mandatory continuing education (CE) and to make it easier to meet your requirements and provide more choice in CE courses, seminars, work shops and conferences.

Act 25 specifically eliminated the need for the Board to pre-approve CE courses. Now, the Board CE requirements are based upon the provision of the model law and rules of the National Council of Examiners in Engineer and Surveying, which is the national organization of licensing boards. This change in the law expands the number of CE courses and activities that will be acceptable for credit.

In addition, this new law specifies that the first CE cycle of 24 credits must be completed, no ifs, ands or buts, by the September 30, 2011 renewal cycle. This, of course, is a change from the prior directive. But the Board has come up with a way to smooth the transition for you so that no one is disadvantaged or is unfairly disciplined for any CE deficiencies that may result from the confusion over the CE deadline.

In order to accommodate licensees who are just now learning of this deadline, the Board has decided to grant a moratorium from disciplinary action for anyone who has not completed the 24 CE credits by the September 30, 2011 renewal date provided any and all CE credits short of the mandatory 24 are completed by April 1, 2012. If you fail to make up the CE deficit by the April 2012 deadline, you will be facing disciplinary action and you will not be permitted to double count CE collected after the September deadline for the following renewal cycle.

So, make sure you are compliant with the CE requirements and remember that ASCE has affordable CD, DVD, and video options for continuing education units.

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Update your contact information, business title, and technical interest area.	Go to <a href="http://www.asce.org/myprofile">www.asce.org/myprofile</a> or call.
Customize your ASCE membership to meet your specific technical needs and individual goals by completing the Personal Interest Inventory (PII).	Go to <a href="http://www.asce.org/interests">www.asce.org/interests</a> or call.
Advance your membership grade and gain the professional recognition you've earned: • Recent Graduate/Engineer-in-Training = Affiliate Member or Associate Member • 5+ Years with P.E. = Member • 10+ Years with P.E. + Member Grade + Eminence = Fellow	Go to <a href="http://www.asce.org/advancemembership">www.asce.org/advancemembership</a> or call.  Go to <a href="http://www.asce.org/fellows">www.asce.org/fellows</a> or call for more information on upgrading to Fellow grade.
Refer a potential new member to ASCE and be eligible to win great prizes for your recruitment efforts.	Go to <a href="http://www.ascedrive.org">www.ascedrive.org</a> and click on "Refer colleagues" or call.
Join your ASCE Section or Branch.	Go to <a href="http://www.asce.org/renewal">www.asce.org/renewal</a> e-mail <a href="mailto:member@asce.org">member@asce.org</a> or call.
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Nominate a deserving colleague for an ASCE award.	Go to <a href="http://www.asce.org/awards">www.asce.org/awards</a> or call.
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