



**KENTUCKY SECTION ASCE
NEWSLETTER**

May 2010

We pledge ... To place service before profit, honor and standing of the profession before personal advantage, and public welfare above all other considerations

WEB ADDRESSES:

ASCE National: www.asce.org
Kentucky Section ASCE coming soon
Bluegrass Branch KY Section ASCE ascebluegrassbranch.com
Kentucky Geotechnical Engineering Group (KGEG): www.kgeg.org
University of Kentucky Student Chapter www.engr.uky.edu/~asce
University of Louisville Student Chapter www.louisville.edu/speed/asce/
Western Kentucky University Student Chapter www.wku.edu/engineering/Programs/Civil/ASCE/

PRESIDENT'S MESSAGE

Dear ASCE Kentucky Section Members:

Greetings! The Board of Direction of the Kentucky Section of ASCE hopes that you have had a productive beginning to 2010.

Preparations are already being made for this year's ASCE Kentucky Section Annual Meeting in Bowling Green, Kentucky. The theme for this year is "Bridging Trouble Water." The date for this event is Friday, October 8th. More information will be made available soon.

Our officers for this year are: Jon Keeling as Treasurer, Daniel Tegene as Secretary, and Tony State as past-President. Other members of the Board are: Craig Barnett as Newsletter Editor, Nancy Albright of the Scholarship Committee, David Deitz of the History and Heritage Committee, Tony Harover of Government Relations, and Angie Elser of Younger Members Group. JP Mohsen has been elected to serve as Region 4 Director.

I look forward to engaging all branches and student chapters around the Commonwealth. If you have any questions, suggestions or concerns, please feel free to contact me by phone at 270-745-2919 or by e-mail at shane.palmquist@wku.edu.

Shane M. Palmquist, PhD, PE, M.ASCE
President, Kentucky Section ASCE

2010 OPAL Gala Event

Message from Patrick Natale: Earlier this evening, I had the privilege of celebrating our profession with hundreds of fellow civil engineers in our nation's capital at the Outstanding Projects and Leaders Awards (OPAL) Gala.

I'm always excited to open the final envelope to learn which project took top honors and tonight was no different when we crowned the **Sutong Bridge, Nantong City, Jiangsu Province, China** as this year's Outstanding Civil Engineering Achievement (OCEA) winner.

The Gala also honored the careers of five individuals whose groundbreaking work will impact the profession for years to come:

Construction: Terence E. (Ed) Richardson, P.E., M.ASCE
Design: Man-Chung Tang, Ph.D., P.E., Hon.M.ASCE, NAE
Education: David E. Daniel, Ph.D., P.E., Dist.M.ASCE, NAE
Government: John W. Morris II, LTG (ret.), P.E., F.ASCE, NAE
Management: Robert D. Nichol, P.E., F.ASCE

In addition, **Samuel Yen-Liang Yin, Ph.D., M.ASCE** received the 2010 Henry L. Michel Award given to an individual whose leadership provides cornerstones for improving the quality of people's lives around the world.

The 2010 Charles Pankow Award for Innovation recognized the innovative **Eco Sound Barrier, Moon TWP, PA.**

Nominations are being accepted for the 2011 OPAL Awards. Visit www.asce.org/awards to develop a nomination package.

I hope you will join us for next year's OPAL Gala and share in this prestigious event.

Sincerely,

Patrick J. Natale, P.E., F.ASCE
ASCE Executive Director

UPCOMING EVENTS

Bluegrass Chapter Meetings of Interest

May 28, 2010 – Kentucky American Water Plant Tour

After 20 years of rigorous research, study and regional debate, Kentucky American Water identified a solution for solving Central Kentucky's water supply shortfall and is currently building it today: a new 20-million-gallon-per-day water treatment plant on the Kentucky River's Pool 3, a three-million-gallon water storage tank, a booster pump station and a 31-mile, 42-inch underground pipeline connecting the treatment plant to the company's existing distribution system in Fayette County. This additional source of water will augment the company's existing sources of supply to ensure that Central Kentucky's current and future water supply needs are met.

This tour will be a joint meet with KSPE and ASCE with a short business meeting starting at noon. We will meet at Kentucky American Water, 2300 Richmond Road office with box lunch being provided at \$10 per person. The bus will leave the parking lot at 12:45 and will return to Lexington at approximately 4:45. The bus only holds 50 passengers so the first 50 to sign up will be riding the bus.

For more information on the Bluegrass Chapter of ASCE or Kentucky American Water Plant Tour please contact Lance Williams at 859.268.6316. Signup for the bus tour is on our website: ascebluegrassbranch.com

Frankfort Branch

It's that time of year for office elections! The Frankfort Branch is accepting nominations for Secretary, Treasurer and Vice President. Anyone interested, please e-mail Scott Thomson at scott.thomson@ky.gov

Louisville Branch

Lunch Meeting - May 7, 2010

Tentative Lunch Meeting Dates: September 10, 2010, October 8, 2010 (Annual Section Meeting), November 12, 2010, December 10, 2010, January 14, 2011, February (Engineers Banquet), March 11, 2011, April 15, 2011, May 13, 2011.

Looking for volunteers to help redesign website. Contact Matt Newman: Matt.Newman@hdrinc.com

Younger Members - Committee planning luncheon meeting June 13. Contact Andy Gilley: agilley@qk4.com

Region 4 Delegates Meeting

The meeting is to be held October 1 and 2, 2010 in Asheville, North Carolina. For more information, please visit <http://nc.asce.org/Bulletin/NovDec09.pdf>

ASCE's Report Card

A growing topic of discussion in today's society is infrastructure revitalization. As projects to upgrade roads, bridges water treatment plants and other infrastructure get underway the current state of our infrastructure is discussed more and more. As Civil Engineers we have an opportunity to educate the public (and politicians) on the importance of investing in our infrastructure now, not only to maintain our current level of service, but to allow for sustainable growth of our state.

We are seeking volunteers to update the 2003 Infrastructure Report Card for Kentucky. We would follow the format of other ASCE report cards. The topic areas to be covered are as listed below. We will use the ASCE guidelines to develop this report card.

Aviation, Bridges, Dams, Drinking Water, Energy, Hazardous Waste, Navigable Waterways, Public Parks and Recreation, Rail, Roads, Schools, Security, Solid, Waste, Transit, Wastewater, Levees, Inland Waterways and Parks.

We are seeking two volunteers per topic to assure everyone on the study team that the load will not be carried alone. This is an important effort that will allow the state of Kentucky to update our report card and determine if progress has been made. The effort will last approximately 12 months and consist of gathering data on the assigned topic, compiling the data, compare the data to set metrics and assigning a grade. However, the project is scheduled to be complete this calendar year.

The next meeting of the Steering Committee is scheduled for Monday, May 10 at 4:00 PM at the Louisville Water Company downtown office, 500 block South 3rd Street - the meeting is open to all interested persons. Please contact Frank Campbell via email for more information: lwccampbell@insightbb.com

KY ASCE Annual Meeting 2010: Bridging Troubled Water

The Annual Meeting will be held Friday, October 8, 2010 in Bowling Green, Kentucky at the Holiday Inn: University Plaza and Sloan Convention Center. Nominations for the following awards can be emailed to Shane Palmquist at shane.palmquist@wku.edu.

Distinguish Engineer in Education
Distinguish Young Engineer Award
Distinguish Engineer in Private Practice
Distinguish Engineer in Public Sector
Distinguish Engineer in Government
Gillim Award

Nominations for the Gillim Award will close on Monday, August 30th, 2010. Nominations for the remaining awards will close on Monday, September 6th, 2010.

If you are interested in presenting, have ideas for speakers, would like to become a sponsor or would like to be an exhibitor at the meeting, please contact Shane Palmquist via email, shane.palmquist@wku.edu.

Fall 2010
CIVIL ENGINEERING PE REVIEW COURSE

Faculty of the Department of Civil and Environmental Engineering, University of Louisville, in conjunction with the Kentucky Engineering Center, is offering a PE review course for six Saturday mornings, from 8-21-2010 through 10-02-2010. There will be no class on Saturday before Labor day. This course has been continuously offered each fall and spring since 1996.

<u>DATE</u>	<u>TIME</u>	<u>TOPIC</u>	<u>INSTRUCTOR</u>
Aug 21	8:00 - 9:55 am	Structural Analysis	J. P. Mohsen
Aug 21	10:05 - 12 Noon	Strength of Materials	J. P. Mohsen
Aug 28	8:00 - 9:55 am	Soil Mechanics	Jerry Vandevelde
Aug 28	10:05 - 12 Noon	Foundation Engineering	Jerry Vandevelde
Sep 11	8:00 - 9:55 am	Hydraulics	Nageshwar Bhaskar
Sep 11	10:05 - 12 Noon	Hydrology	Nageshwar Bhaskar
Sep 18	8:00 - 9:55 am	Steel Design	Terry Weigel
Sep 18	10:05 - 12 Noon	Waste Water and Water	Andy Winfrey
Sep 25	8:00 - 9:55 am	Geometric Design	J. P. Mohsen
Sep 25	10:05 - 12 Noon	Concrete Design	J. P. Mohsen
Oct 02	8:00 - 9:55 am	Construction Materials	J. P. Mohsen
Oct 02	10:05 - 12 Noon	Construction Management	J. P. Mohsen

TEXT: Comprehensive, spiral-bound course notes are included in the fee

LOCATION: Kentucky Engineering Center is located at 160 Democrat Drive Frankfort, KY 40601, Frankfort, KY

FEE: Early Registration by Friday August 6 , 2010 - \$ 459.00
 Regular Registration after Friday August 6, 2010 - \$ 499.00

REGISTRATION: To register, please mail, fax, or email the completed form to:
 Dr. J. P. Mohsen, technical course coordinator, University of Louisville, Civil and Environmental Engineering Department, Louisville, Kentucky 40292, jpm@louisville.edu ,
 Fax (502)852-8851, Tel (502)852-4596.

REGISTRATION FORM (Mail To)

Dr. J. P. Mohsen, University of Louisville, Department of Civil and Environmental Engineering, Louisville, KY 40292

Name _____
 Title _____ Specialization _____
 Organization _____
 Address _____
 City _____ State ____ Zip ____ FAX _____
 Work Phone _____ Cell Phone _____
 Home Phone _____ E-MAIL _____

MAKE CHECK PAYABLE TO: Professional Exam Review Civil Engineering (PERCE)

Check Enclosed

Bill my company P. O. # _____

The following are Banner Contributors to our KY ASCE Scholarship Fund

(Contact the newsletter editor if you would like to have your business card placed below)

THANK YOU FOR YOUR SUPPORT !!

Elizabeth Niemann & Associates, Inc.



Exploring Ideas, Engineering Solutions
502-458-0788
www.enaengineering.com



DAVID F. GARBER, P.E., P.L.S.

2005 S. Highway 53, Suite F
P.O. Box 425, LaGrange, KY 40031
Email: dfgarber@bellsouth.net

502.222.9216
502.583.4285
Fax: 502.222.8709
Cell: 502.541.3183



TETRA TECH, INC.

Mark W. Fischer, P.E., P.L.S.
Project Manager

800 Corporate Drive, Suite 200, Lexington, Kentucky 40503
Tel 859.223.8000 Cell 859.361.3334 Fax 859.224.1025
mark.fischer@tetratech.com www.tetratech.com



Environmental Assessments
Hazardous Waste Management
Soil/Groundwater Studies
Water/Wastewater Design

UST Management
Risk Assessments
Air Quality Services
Regulatory Liaison

C. Dow Porter, Marketing Manager

2456 Fortune Drive, Suite 100, Lexington, Kentucky 40509
(859) 294-5155 / (859) 294-5255

Web Site: www.shieldenv.com E-mail: Dow_Porter@shieldmw.com
Ashland, KY; Atlanta, GA; Charlotte, NC; Pittsburgh, PA; Dover, NH



Elias Zewde, P.E.

304 W. LIBERTY STREET, SUITE 306
LOUISVILLE, KENTUCKY 40202
502-584-8599 FAX 502-584-8112

ATLANTA • BIRMINGHAM • LOUISVILLE



Mindel, Scott & Associates, Inc.
Planning • Engineering • Surveying • Landscape Architecture
Utility Consulting • Property Management

Mark Sites

Keith Messinger

4545 Bishop Lane, Suite 200
Louisville, KY 40218
Phone: (502) 485-1508
Fax: (502) 485-1606
E-mail: msa@mindelscott.com

1795 Alysheba Way, Suite 1004
Lexington, KY 40509
Phone: (859) 264-0048
Fax: (859) 264-0226
E-mail: msa.lex@mindelscott.com



Corporate Headquarters:
400 Shoppers Drive
P. O. Box 747
Winchester, KY 40392-0747
Phone: (859) 744-1218
Website: www.palmer.net

Branch Locations:

- Nashville, TN
- Louisville, KY
- Cincinnati, OH
- Teays Valley, WV
- Orlando, FL



Tony Huff & Associates
Engineering Solutions

Tony Huff, P.E.
Professional Engineer

Suite 60, 2200 Airport Road
Owensboro, KY 42301

Office: 270-686-8525
Fax: 270-686-8227

thuff@THA-Engineering.com



S.E.A. Engineers, Inc.

SASAN PASHA, P.E.
President

828 Lane Allen Road, Suite G3
Lexington, Kentucky 40504

Tel: (606) 276-1626
Fax: (606) 276-1382

American Society of Civil Engineers
T. Craig Barnett, Newsletter Editor
Stantec Consulting Services, Inc.
1409 North Forbes Road
Lexington, KY 40511



Non Profit Org.
U.S. POSTAGE
PAID
Permit 976
Louisville, KY.