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2009-2010**

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**ASCE**

ST. LOUIS SECTION



November 2009

**Please join the St. Louis Section for our  
November Luncheon Meeting  
Combined Sewer Overflow Long Term Control Plan**



**Speaker:** Rich Unverferth, PE, Metropolitan St. Louis Sewer District Assistant Director of Engineering

**Location:** The Engineers' Club of St. Louis, 4359 Lindell Blvd.

**Date/Time:** **Tuesday, November 10th**  
11:30 Registration / 12:00 Lunch

**Cost:** \$15 per person, students \$5

**Reservations:** Call Kurt at the Engineers' Club for reservations by noon Friday, November 6th: 314-533-9333, or fax: 314-533-9336, or email: kurt.krispin@engineersclub.net. *ASCE is charged for all reserved lunches. If you've signed up and can't make, please cancel with Kurt by Friday before the meeting or we will have to charge you for the meal. 1/2 PDH will be awarded to attendees.*

**Topic:** Rich Unverferth, of the Metropolitan St. Louis Sewer District, will be giving an update on MSD's Combined Sewer Overflow long term control plan.

**EWRI Section Recognition:** Karen Kabbes, P.E., D.WRE, President of Kabbes Engineering, Inc. and a representative of EWRI will recognize the local EWRI Section.



## President's Message

By Neil Palmer

It is with heavy heart that I must report the passing of long time Board member Aaron Greenberg who died of a stroke on Monday, October 26. He has been guiding youngsters toward Civil Engineering as our Career Guidance Committee chair for many, many years. His dedication to this calling has left an indelible mark on decades of Board members.

Thanks to Tiffany Brase from IDOT and Lee Hillman from MODOT for the local transportation update at the October luncheon. Lee's opening remark that he could cover current projects with two slides and ending with budget numbers that are roughly half of two years ago give impetus to what I write below. These observations are echoed in conversations with

the president of the Orange County, LA branch at an ASCE orientation meeting in Reston.

ASCE has long urged us to get politically involved (watch what you wish for – right?). What does this mean? As money pressures and loss of jobs hit the nation and in the engineering community closer to home, I search for answers and question as to whether our politicians are even on the right path. Do many of us even know the right questions? I asked several luncheon attendees (members of a younger generation as most of you are) if they knew of Milton Friedman and theories of Austrian economics. They did not. When one only learns or hears Keynesian theories of government stimulus (without calling it that), many assume those in charge know what they are doing or are doing their best. They do not realize that there are counter theories that postulate that our government is going disastrously wrong.

I grew up with Friedman's "Free to Choose" television show and book, and it was there that I first encountered Thomas Sowell. I most highly recommend these two authors who explain economic theory in easy to understand language. I also recommend Sowell's "The Housing Boom and Bust". It postulates that it was the heavy hand of government (pressuring banks to make risky loans) and not the basic nature of capitalism that set the stage for the recent economic collapse. There is an old saying that ignorance is bliss. Sometimes it can be downright dangerous.

I hope to see all at the November 10<sup>th</sup> luncheon put on by our new EWRI institute chapter. Also set aside the evening of December 8 for our winter social.

Respectfully,  
Neil Palmer, PE, F.ASCE

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## Membership Register

You can use this link to ASCE National's website to search for St. Louis Section members in the national database: <http://www.asce.org/membersonly/directory/index.cfm>

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## Calendar of Events

- November 2 — ASCE's Fish Friendly Infrastructure Design Webinar
- November 6 — ASCE's On-Site Circulation for Commercial Development Webinar
- November 6 & 7— Saint Louis University's Urban Transportation Infrastructure Planning, Project Management and Legal Aspects of Civil Engineering
- November 10 — November Section Luncheon
- November 12 — IBC **Seismic Design for the St. Louis Metropolitan Area** Seminar
- November 16 — ASCE's Improving Your Mental Flexibility Webinar
- November 20 — ASCE's How Transportation Liability Impacts Civil Engineers Webinar
- December 4 — Engineer's Club's Christmas Dinner Dance
- December 8 — ASCE Winter Social
- December 10 — Raingardens: Water Quality the Way Mother Nature Intended It, Educational Event

## *Eulogy to Aaron Greenberg*



It is with great sadness that we share the news that our longtime Career Guidance Chair, Aaron Greenberg, passed away on Monday, October 26 after suffering a stroke. Aaron served a 3-year term on the Board of Directors as a Director and was the Section's Career Guidance chair for the past 22 years. Aaron touched the lives of many young people, both through his ASCE outreach activities and all the many other places he volunteered his time, gave of his talent, and donated his treasures. Aaron graduated from Missouri S&T (or "Rolla" as we all know he would insist) in 1950 and received their Alumni Merit award only days before he passed away in recognition of his long, rich history of supporting Missouri S&T, the Miner Alumni Association, and engineering students in the greater St. Louis region. He taught at both St. Louis Community College at Meramec and Washington University during his accomplished civil engineering career.

His career guidance contributions included running the West Point Bridge Competition, contributing to area Science and Career Fairs, speaking at any school that asked, working with MESA, judging MathCounts competitions, and much, much more. He found time this fall to plan our Annual Dinner so that he could choose the venue. Aaron was a one-man post office. He annually sent letters to each school in the metro area offering our career guidance services and solicited every life member for scholarship donations. Those who donated were rewarded with personal thank-you notes. He rarely, if ever, missed a board meeting during his 22 years as career guidance chair and his presence on Tuesday mornings will be sorely missed.

Aaron was active in many activities outside of ASCE, including volunteering weekly at Sherman School, an inner-city school in the Shaw neighborhood doing whatever they asked-tutoring, photocopying, and anything else they could think of. He was a longtime member of the Engineer's Club of St. Louis and active in the bowling league until the end. He and his sister, Zelda, were financial supporters of the Missouri S&T alumni association and Aaron was the class coordinator for the Class of 1950. He supported students pursuing engineering in St. Louis through his Engineers Club of St. Louis Scholarship, and through encouraging fellow Life Members to donate to the ASCE scholarship fund.

Aaron was laid to rest at Chesed Shel Emeth Cemetery on Thursday, October 29th. His virtual guestbook can be signed through the St. Louis Post Dispatch Obituary Page. Please take a moment out of your day to leave your story of how Aaron touched your life and the lives of others. Our thoughts are with his sister, Zelda Greenberg, during this difficult time. The family has requested that memorial contributions be made to Temple Israel or the Barnes-Jewish Hospital Foundation, 1001 Highlands Plaza Drive West, Suite 140, Mail Stop 84-84-100, St. Louis 63110. Additionally, the ASCE Board hopes to honor Aaron in a unique way that reflects his dedication to the profession and commitment to young people. If you would like to contribute to a formal Tribute, please send a check made out to St. Louis Section ASCE with "Greenberg Tribute" in the subject line to Treasurer Marc Bacchetti (address found on newsletter sidebar). Detailed information about a formal tribute will be forthcoming. Please send any suggestions for a fitting way to honor Aaron's memory and accomplishments to our President, Niel Palmer, at [nielsenengr@charter.net](mailto:nielsenengr@charter.net).



Aaron being honored at the 2008 Annual Dinner for his dedication to the Career Development

## *Younger Member Newsletter (National ASCE) — Spring Issue*

The Committee on Younger Members is pleased to provide this issue which may be accessed at <http://www.asce.org/files/pdf/inside/Issue66.pdf>

If you should experience any problems accessing the newsletter, please feel free to contact Nancy Berson at [nber-son@asce.org](mailto:nber-son@asce.org) or at 703-295-6010.

For details & updates see our Web Page: <http://sections.asce.org/stlouis/index.html>  
This newsletter will be sent to all Section members via e-mail.

## *ASCE Younger Members Career Fair*

Due to the slow economy, the Fall Career Fair has been canceled due to low company participation. While interest from job seekers is obviously strong, the minimum number of participating companies was not met to make the fair viable. The Younger Member Committee will look to have a similar event in the spring or next fall. Thanks to the companies who registered and all who assisted in planning of the event.

## *Scholarship Fund Request*

Dear Life Member,

Every year the St. Louis Section of ASCE awards a \$1500 cash scholarship to a student at each of the universities within our Section boundaries. Those schools are the University of Missouri (Columbia), Missouri University of Science and Technology (Rolla), Washington University, Southern Illinois University at Edwardsville and Southern Illinois University at Carbondale. One of these scholarships is in recognition of the Life Members. Funding for these scholarships comes from the donations of members. Your contribution to the Voluntary Fund of our Section will benefit worthy Civil Engineering students.

You may contribute by checking the box on your National Dues Statement for the St. Louis Section Voluntary Fund or by sending a check made out to "St. Louis Section – ASCE" directly to our Treasurer, Marc Bacchetti at David Mason & Associates, 800 S. Vandeventer, St. Louis, Missouri 63110.

Your contribution of \$25 or more will be greatly appreciated by the students who receive these scholarships.

The purpose of the Committee is to inform elementary, middle and high school students and staff about Civil Engineering. This information includes the requirements for becoming a Civil Engineer and how we improve the quality of life for all citizens. If you would like to consider taking up this activity, Please contact me and I will send you more details.

Mike Brynac  
Phone: 314-894-1542  
e-mail: mjbcm@charter.net

## *Supplemental*

Urban Transportation Infrastructure Planning, Project Management and Legal Aspects of Civil Engineering (15 PDH's)

Parks College of Engineering Aviation and Technology  
Saint Louis University

Instructors:

Lonnie Haefner, Ph.D., P.E.  
Joseph Colagiovanni  
Scott Meyer, P.E.

When: November 6, 2009 from 9:00am to 5:00pm  
November 7, 2009 from 8:00am to 5:00pm

Information:

Day 1 - Urban Transportation Planning, Transit, Engineering Contracts & Liability, Legal Aspects of Engineering & Public Works, and ITS and Emerging High Technology

Day 2 - Classical Project Management with Practical Case Study, Continued Discussion of Legal Issues & Their Related Aspects to Project Management, Infrastructure Finance—Public Private Partnerships, and Emerging Federal Legislation Impact on the Engineering Community: Transportation Reauthorization, Environmental Related Legislation Opportunities within Stimulus.

For more information, contact Brooke Lund at:  
314-977-7820 or blund@slu.edu.

Supplemental



Engineers' Club of St. Louis  
(Members & Guest)

# Christmas Dinner Dance

Friday, December 4, 2009  
at  
The Engineers' Club

**7:00pm – 8:00pm**  
*Open Bar*

**8:00pm**  
*Dinner*

**9:00pm – Midnight**  
*Open Bar & Dancing (Sound 2, DJ)*

*House Salad, Beef Tenderloin with Béarnaise Sauce, Pan Seared Chicken with Bordelaise Sauce, Au Gratin Potatoes, Asparagus and Rolls  
Chocolate Cake for Dessert*

**Black Tie Optional - Reservations required no later than November 25, 2009  
Dessert Sponsor Opportunities (\$200) – please see page 2**

Please Detach, Mail and Make Check Payable to:  
The Engineers' Club of St. Louis, 4359 Lindell Blvd., St. Louis, MO 63108

Enclosed is my check for \$ \_\_\_\_\_ (\$100.00 per couple)

Name: \_\_\_\_\_ Phone # \_\_\_\_\_

*Please note: If you are arranging a table for a number of people, please list the names below*

Attendees:

Names (Member + Spouse/Guest): \_\_\_\_\_

Names (Member + Spouse/Guest): \_\_\_\_\_

Names (Member + Spouse/Guest): \_\_\_\_\_

Names (Member + Spouse/Guest): \_\_\_\_\_

**Thank you,**  
**Your Christmas Dinner Dance Committee**  
Garry & Andrea Aronberg, John & Karen Baker, Omar & Ginny Feeler and  
John & Dotty Kuhlmann

*Supplemental*

SOIL-TEK OF MID AMERICA INVITES YOU TO JOIN US FOR  
THE FOLLOWING FREE EDUCATIONAL EVENT...

## Rain Gardens: Water Quality the Way Mother Nature Intended

THURSDAY, DECEMBER 10, 2009

8:00 AM TO 11:30 AM

ONE ST. PETERS CENTRE DRIVE

ROOM A

ST. PETERS, MO 63376

SPEAKERS INCLUDE:

**PERRY ECKHARDT**

MO DEPT. OF CONSERVATION

**MARK GRUEBER**

MO DEPT. OF CONSERVATION

**SUSAN MORGAN, P.E.**

SOUTHERN ILLINOIS UNIVERSITY EDWARDSVILLE

**MIKE ROSBORG, P.E.**

HOELSCHER ENGINEERING

TO RESERVE A SEAT OR FOR MORE INFORMATION PLEASE CONTACT

[CARA@SOIL-TEKMA.COM](mailto:CARA@SOIL-TEKMA.COM)

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*Supplemental*

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**IBC Seismic Design  
for the St. Louis Metropolitan Area**  
8 AM – Noon, Thursday, 12 NOV 09  
Geotechnology, Inc. Offices, St. Louis, MO  
11816 Lackland Road, Suite 150, St. Louis, MO 63146

A seminar to detail the seismic design requirements  
of the International Building Code (IBC) in best practice design.

The seminar includes notes, a certificate for four Professional Development Hours, and continental breakfast and break refreshments. The seminar is being hosted by the New Madrid Chapter of EERI. The associated organizations at this point include the St. Louis Post of SAME and SEAKM.

Seminar topics include the following approximate titles.

- Introduction & IBC Site Classification Refresher
- Shear-Wave Velocity to Determine Site Class
- Geotechnical Hazards and their Mitigation
- Developing Site-Specific Response Spectra
- Locally-Adopted IBC & the 2009 IBC for Seismic Structural Design
- Seismic Design for Nonstructural Components
- Cost Implications for Seismic Design & Construction

The cost is \$60 for those professionals that register by COB, F, 6 NOV 09. Full-time students may register in advance for \$20. Walk-ins or those registering after COB, F, 6 NOV 09, are \$75 for professionals and \$25 for full-time students until the maximum attendance is reached.

Register by noting the name of those attending and sending a check for the total of those named payable to **New Madrid Chapter, EERI**. Send the check to Eric Neuner, NMC, c/o Geotechnology, Inc., 11816 Lackland Road, Suite 150, St. Louis, MO 63146.

For information contact: Eric Neuner, [e\\_neuner@geotechnology.com](mailto:e_neuner@geotechnology.com) , or  
Greg Hempen, [Greg\\_Hempen@URSCorp.com](mailto:Greg_Hempen@URSCorp.com) .

## *ASCE Upcoming Continuing Education Events*

Learn and Earn CEUs/PDHs	November 2, 2009 - 12 Noon - 1:00PM ET—Fish Friendly Infrastructure Design	November 20, 2009 - 12 Noon - 1:30 PM ET—How Transportation Liability Impacts Civil Engineers
Continuing Education Opportunities November 1 - December 11, 2009	November 6, 2009 - 12 Noon - 1:30PM ET—On-Site Circulation for Commercial Development	Contact Information: seminars @asce.org distancelearning@asce.org webinars@asce.org 1-800-548-2723
Save 33% - Enter Promotional Code ASCE33 at checkout.	November 16, 2009 - 12 Noon - 1:30 PM ET—Improving Your Mental Flexibility	
<a href="https://secure.asce.org/ASCEWebsite/Webinar/ListWebinar.aspx">https://secure.asce.org/ASCEWebsite/ Webinar/ListWebinar.aspx</a>		

## Supplemental

### *Saint Louis University Re-starts its Civil Engineering Program!*

Dean Manoj Patankar announced in a presentation to the Saint Louis Section of ASCE that Saint Louis University will resume its Civil Engineering program after almost a 35-year hiatus! The idea of restarting the CE program came as a culmination of interests and support from multiple constituencies—first, the Institute of Technology alumni who really wanted to see their beloved CE program back on campus, second, the local CE community who wanted a hands-on engineering program that catered to the local job market, and third, the new student enquiries. “There is a lot of excitement about this new program—administration, faculty, students, alumni, and industry friends—everyone is working hard to see this program succeed. It’s not very often that we get to start a new program like this,” said Dean Patankar. Together, it seems like the time is right for a new

CE program for the St. Louis metro region. Of course, the St. Louis Section of the ASCE is delighted to support this program and has already begun discussions related to a student chapter of the ASCE as well as internships at local companies, and adjunct faculty appointments.

In discussing the distinguishing characteristics of the new program, Dean Patankar said that the program would focus on building two specialties—transportation and green/smart structures. The transportation track would leverage the legendary strength of aerospace engineering and aviation programs at Saint Louis University. The green/smart structures track would engage other academic departments across the campus, including electrical and computer engineering (embedded sensor

systems), environmental sciences, and urban planning.

The new CE program starts in fall 2009. In the first two years, most of the courses will be shared with the mechanical engineering program. The University plans to hire a dynamic new department chair to lead this program. As the program matures, the University will add faculty. So, whether you are interested in teaching (part-time or fulltime), providing an internship, or making a donation to start a scholarship, contact the Dean’s Office at 314-977-8203. Of course, if you have a youngster interested in exploring a career in Civil Engineering, feel free to visit the campus! Additional information is available online at <http://www.slu.edu/x27770.xml>

### *Master of Science in Civil Engineering and Cooperative Ph.D. in Engineering Science*

#### **Southern Illinois University Edwardsville (SIUE)**

SIUE offers the M.S. degree in civil engineering and Ph.D. in engineering science in three focus areas: **environmental, structural, and transportation** engineering. The programs are designed to meet the

educational needs of working engineers as well as traditional students who are interested in focused, advanced study in civil engineering to enhance their opportunities for professional advancement. Our full-time faculty are supplemented as needed with practicing professional engineers to offer courses that are primarily

scheduled in the late afternoon and evening to accommodate working professionals. For further information, please visit us online at <http://www.siu.edu/engineering/civilengineering/graduate/> or contact the Department of Civil Engineering office at (618) 650-2533.

## *Master of Science in Civil Engineering*

### **UM-Rolla Engineering Education Center in St. Louis**

The Missouri University of Science and Technology-Engineering Education Center in St. Louis offers M.S. degrees in Aerospace, Civil, Computer, Electrical, Environmental and

Mechanical Engineering, Engineering Management, Engineering Mechanics and new Internet based M.S. and M.Eng. Degrees in Manufacturing Engineering to working engineers. The Center started its operations in 1964. Over 2,500 engineers used this excellent opportunity to enhance their

knowledge and status. All classes are offered in the evening. 10 classes are needed to acquire a M.S. degree that will affect your entire professional life. For more information, call (314) 516-5431 or visit the MST website: [www.eec.mst.edu](http://www.eec.mst.edu).

## *Master of Engineering in Civil Engineering*

### **SIU Carbondale SIUC**

Effective Spring 2010, practicing engineers or fresh graduates interested in obtaining a non-research based Master's degree now have an option to join Master of Engineering (ME) in Civil Engineering Program at Southern Illinois University Carbondale. The ME in Civil Engineering is a non-thesis,

course only, professional degree designed to provide advanced technical knowledge for professional practice and permits engineers to complete an advanced degree in one year (12 credit hours Fall, 12 credit hours Spring, 6 credit hours Summer). The program provides advanced study in the areas of structural engineering, environmental engineering, geotechnical engineering, and water resources engineering.

For graduation, ME students are required to complete thirty semester hours including a 3 credit hour Civil Engineering Project. For more information, please contact Ms. Laura Anz in the Department of Civil and Environmental Engineering at SIUC by calling (618) 536-2368 or via email at [lanz@engr.siu.edu](mailto:lanz@engr.siu.edu).

## *MS&T— Urban Hydrology*

### **Location:**

Metropolitan St. Louis Sewer District,  
2350 Market Street  
St. Louis, MO 63103-2555

### **Date/Time:**

Meets Wednesdays 6:00 PM – 8:45 PM, Winter Semester begins January 13, 2010.

### **Instructor:**

Gary T Moore MS, P.E.

### **Information:**

For further information regarding enrolling in this or any other graduate courses at the MS&T Engineering Education Center at UMSL, visit MS&T's website at [www.msteec.edu](http://www.msteec.edu). Call (314) 516-5431 or <mailto:msteec@umr.edu> for more information.

### **Course Description:**

This course is intended to provide graduate students an opportunity to study methods used in modern hydrologic analysis and design for

urban areas. Items of study include determination of design storm to obtain information necessary for design of storm sewers, channels, and hydraulic structures common to urban areas. An objective of the course will be to study the influence of urban areas on their hydrology and measures to employ to counter the urbanization affects to streams and storm runoff. An objective of the course is to understand the hydrological processes of the hydrology cycle and application of those principals to either academic or real projects in the area. In addition, unit hydrographs, infiltration, and other hydrological design processes and approaches will be discussed and examples provided. Water quality, infiltration relating to water quality and LID, design flood determination and project feasibility and/or green issues using hydrology concepts will be discussed as well. The sensitivity of time of concentration, land use, storm sewers vs. swales, and infiltration techniques will be studied for application into the students final design project. Both hand calculations and

computer methods for hydrologic processes and calculations will be developed as part of the course to evaluate the sensitivity of watersheds to changing land use. In addition, the course will utilize data from local sources and the project will be required to follow MSD rules and regulations for stormwater water quality with an end result of providing a design or plan for a project as approved by the instructor incorporating urban hydrologic design techniques and methods.

On completion of the course, students should be able to understand the aspects, limitations, and risks of hydrologic design methods while determining the hydrologic processes for the design of a civil engineering structure or project. Students will have a final design project utilizing hydrologic techniques and methods for a project and present the information in a professional setting. Computer applications with HEC-HMS and/or hand computations may be employed as needed as part of the course work.

## Short Course Presentation Through Missouri S&T

Marketing of Professional Services	Subject: Importance of Relationships Building and Maintaining Relationships Case Studies	and materials
When: November 5, 2009 from 11:30am- 1:30pm	Instructor: Dr. Robert Berry, PE	For More information contact: Dr. Victor Birman, Director Engineering at Missouri S&T (314)516-5431 eec@mst.edu
Where: Engineer's Club of St. Louis	Cost: \$180 per attendee, includes lunch	

## ASHRAE Short Course Program Series

When: Friday, December 4th, 2009 from 7:00 AM to 4:45 PM	be an invaluable resource for helping you understand <i>Design of Ground Source Heating Pumps for Commercial and Institutional Buildings</i> .	7:45am-9:45am—Introduction and Characteristics of GSHP Installations 9:45am-11:45am—Equipment Discussion and Ground Loop Design & Equipment Selection 12:00pm-1:00pm—Luncheon Pro- gram 1:00pm-3:00pm—Ground Loop Design & Equipment Selection and Ground Field 3:15pm-4:45pm—Piping System Best Practices and Overall System Considerations
Where: Russo's Spazio at Westport (12031 Lackland Rd, St. Louis, MO 63146.	Speakers: Stephen P. Kavanaugh, Ph.D., M.Div. - Professor Emeritus at the Uni- versity of Alabama Kirk Mescher, P.E. - Principal at CM Engineering in Columbia MO	
Cost: \$140 per person early registration by November 20, 2009 \$160 after November 20, 2009	Course Agenda Includes: 7:00am-7:45am—Registration & Networking Session and Continental Breakfast	For Registration Information go to: <a href="http://www.ashrae-stl.org">www.ashrae-stl.org</a>
What is HRATEC? This is a short course sponsored by your local American Society of Heat- ing, Refrigeration and Air Conditioning Engineers (ASHRAE). This course will		

**Make sure you keep your register information up-to-date by contacting the National ASCE at <http://www.asce.org> or call 800-548-ASCE (2723)!!**

## ASCE Newsletter via E-mail and Postal Delivery:

ASCE National keeps a central database that holds all ASCE members' individual information. This database is downloaded by the St. Louis Section on the first of every month for Section use. This provides the Section with both mailing and e-mail addresses AS THEY ARE SHOWN ON YOUR NATIONAL RECORDS. Therefore, if you need to update these addresses regarding your receipt of the newsletter, please do so at the National level ([www.asce.org](http://www.asce.org)) so we will be forwarded the updated information.

Email is the most efficient and cost effective means of delivering the newsletter. However, as a service to our members, paper copies will be mailed to any St. Louis Section paid member who prefers postal delivery. If you would prefer a paper copy, please contact Michael Buechter at the address below.

### News Items

Please try to get all announcements for placement in the newsletter to the Newsletter Editor by the 15th of the month prior to publication. Items may be sent (e-mail preferred) to: Michael Buechter, P.E, Metropolitan St. Louis Sewer District, 2350 Market Street, St. Louis, Missouri 63103, (314) 768-2772 Fax (314)768-6342, [mtbuec@stlmsd.com](mailto:mtbuec@stlmsd.com)

Most news items will be available on the Section's Web Page, which can be reached via the link on ASCE National Website ([www.asce.org](http://www.asce.org)). Click on "Geographical and International Units" to link to the Section or go directly to our page at: <http://sections.asce.org/stlouis/index.html>. The Web Page Editor is Jeff Smith e-mail: [JESmith@HNTB.com](mailto:JESmith@HNTB.com) or via feedback directly from our website.