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2012-2013

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The Southeast Branch News is published monthly by the Southeast Branch of the Wisconsin Section of ASCE. Change of street and/or e-mail address should be sent to ASCE, 1801 Alexander Bell Drive, Reston VA 20191 (800/548-ASCE). You may update your own information at the Members Only page of WWW.ASCE.ORG

The deadline for articles for the next newsletter is the first of the month.

PRESIDENT'S MESSAGE

Dear ASCE Members,

Once again mother nature is trying to decide what season it should be and reminding us that it is going to be winter soon. As the seasons change so do our ASCE activities. We look forward to continuing our partnership with STEM Forward, choosing our scholarship recipients and honoring them at the annual Scholarship Dinner in January.

It came to my attention a few meetings ago that many of the members are not aware of the structure of our ASCE organization. We are all a part of the national organization which is run out of Reston, VA and has support staff and an executive board. This group is behind the majority of the ASCE information you receive in your email. They also manage the membership lists and maintaining the database of your information.

We are part of Region 3 and the Region 3 Director is part of the national ASCE Executive Committee. The Region 3 Director is someone who has previously served as a region governor. The Region 3 Director is John Fraenhoffer and the Wisconsin Region Governor is Carl Sutter.

The next level of the organization is the Wisconsin Section. This year's section president is Jon Lindert who is from the SW Branch. On the Section board each of the Branch's has its most recent past president serving as a director and is a voting member of the board.

The Wisconsin Section is made up of four branches, Northwest, Fox Valley, Southwest and Southeast. We are part of the Southeast and have our own governing board and our own Younger Member Group. Not every Branch has its own Younger Member Group and several in the nation have a Younger member Committee or Forum.

This means that those members under the age of 35 are automatically members of the Younger Member Group, Southeast Branch, Wisconsin Section, Region 3 of the American Society of Civil Engineers. A member over 35 are automatically members Southeast Branch, Wisconsin Section, Region 3 of the American Society of Civil Engineers. Separate membership fees are not required for the four Wisconsin Branches and Younger Member Group if dues are paid to the Wisconsin Section when you renew your membership.

More information on the various levels of our hierarchy can be found at: <http://www.asce.org/Regions-Sections-Branches/>

Hopefully that helps answer some of your questions.

I look forward to seeing many of you at upcoming SE Branch Activities!

Sincerely,

Bridget M. Schuh, P.E.

November Luncheon Meeting

**ASCE - SOUTHEAST BRANCH
NOVEMBER LUNCHEON MEETING****The MMSD Regional Green Infrastructure Plan**

As part of the Milwaukee Metropolitan Sewerage District's (MMSD's) 2035 Vision of zero overflows and basement backups, a goal of capturing the first 0.5 inch of rainfall using green infrastructure (GI) was approved by the MMSD Commission in 2010 for the District's 411 square mile planning area.

Implementing the 2035 Vision through the Regional Green Infrastructure Plan (Plan) will provide not only significant improvements in water quantity and quality to protect Lake Michigan, but also social and economic benefits in the form of improved air quality, energy savings, and green jobs. The Plan documents how to capture the first 0.5 inch of rainfall on impervious surfaces, the equivalent of 740 million gallons of stormwater storage, at a cost of \$1.3 billion.

Karen Sands leads the MMSD's green infrastructure initiatives where she is the Manager of Sustainability. Karen Sands is a member of the American Institute of Certified Planners (AICP).

Speaker: Karen Sands, AICP, Manager of Sustainability
Topic: "Green Solutions on Milwaukee's Fresh Coast: The MMSD Regional Green Infrastructure Plan"

Date: **Thursday**, November 14, 2013

Time: 12:00 noon -- Meal distribution, followed immediately by the presentation.

Location: Milwaukee Metropolitan Sewerage District
Commission Room
260 West Seeboth Street
Milwaukee, WI 53204

Meal Choices: Sub Sandwiches; Assorted Chips, Cookies, and Soft Drinks

Cost: ASCE Members and Guests --\$12
ASCE Student Members – Free, but must be pre-registered

Make checks payable to ASCE – Southeast Branch

To make reservations, call Joe Barritt, at (608) 436-4200, by 4:00 pm **Monday**, November 11th. Leave your name, affiliation, and phone number.

You may also e-mail the Southeast Branch at ascewise@gmail.com with your reservation. Please make your reservations as early as possible.

If you would like to make a payment in advance, please visit the website at www.ascewise.org/events and click on the PayPal link.

Please note: No-shows **will be billed** for the cost of lunch. **If you cannot attend, please call by 3:00 p.m. Tuesday November 12th to cancel.**

STEM Forward and Future Cities

In December we highlight one of our ongoing partnerships with STEM Forward (formerly ESM). Each year we have a joint meeting with STEM Forward in December and begin working with their Future Cities Committee to provide volunteer judges for the SimCity Models and in January we work with them to provide presentation and special awards judges for the next stage of the competition. Save the date for Saturday, January 18, 2013 for the second stage of the competition! More information on the model judging will be announced when the details are determined.

October Mentoring Meeting

On October 24, 2013 the annual October Mentoring Meeting was held at Best Place in the Pabst Brewery. Mark Federle of Marquette University gave an interactive presentation on Engineering Ethics in which the students and professionals could discuss the ethical decisions with their table. Some lively discussion was initiated at several of the tables! This was the second year Mark has been our ethics meeting presenter and we hope to have him back for years to come! 22 professionals and 11 students attended the meeting.



Future Meetings

The December Meetings is in the planning stage and information should be out in the near future. January is our annual scholarship dinner hosted by MSOE this year. Watch your email and the website for your next PDH opportunity!

Scholarships

The scholarship season is upon us once again! This year the Southeast Branch is offering four scholarships for college students to be awarded in January. Information on the scholarship program can be found on our website at: <http://www.ascewise.org/scholarships/>

YMG Hunger Task Force Food Drive

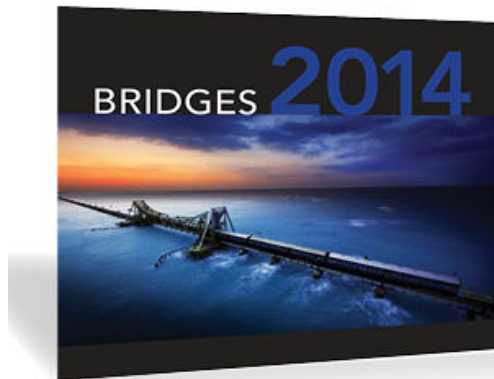
Please help ASCE SE Branch Younger Member Group collect non-perishable food for donation to Hunger Task Force. Then, join us at John Hawk's Pub to bring your food donation and celebrate your generosity. There is also a flyer that you may wish to post at your workplace for others to help donate. Contact Mike Arnold at mike.arnold@urs.com or 414-559-9885 for more information or visit the YMG website.

2014 ASCE Membership Renewal Promotion



Take care of business now, and give yourself a shot at a Visa® gift card of as much as \$250, or a big-screen TV! Renew your ASCE membership for 2014. ASCE is selecting six winners between now and and Dec. 10. Gift cards start at \$250 and will decrease after every drawing. That means the earlier you renew, the more you can win! Plus, you will be entered to win the grand prize of a 50-inch flat-panel HDTV. Online, in person, and wherever your membership takes you, ASCE benefits every civil engineer. See the ways you benefit from your ASCE membership at www.asce.org/101. Keep your benefits and renew today.

Bridges 2014 Calendar Available



Bridges 2014 offers spectacular images of bridges from the United States and around the world. As always, this calendar celebrates the unique blend of technology and art that is the hallmark of great engineering. For 2014, the calendar also celebrates great photography! Every photo in the calendar was selected from entries to ASCE's first-ever Bridges Photo Contest.

This year's calendar includes twice as many bridges as in previous years! The technical or historical significance of each bridge is described, and winners of the photo contest are identified. With exceptional photographic detail, this collection of distinguished bridges celebrates the form, function, and style central to excellence in civil engineering.

Bridges 2014 is a full-size wall calendar, with plenty of room to jot down daily activities & appointments.

Bridges 2014 Calendar Available (cont'd.)

Prices: \$12.95 (plus S&H) single calendar
\$10.00 (plus S&H) 2 or more copies

For more information, and to order a calendar, visit the official website at
<http://www.asce.org/Product.aspx?ID=2147487569&ProductID=194478230>

January



Yaquina Bay Bridge,
Newport, Oregon

February



Wheeling Suspension
Bridge, Wheeling,
West Virginia

March



Ponte de Lima,
Ponte de Lima

April



Harvey Canal Bridge,
Harvey, Louisiana

May



Los Pinos Trestle,
Antonito, Colorado

June



Ashopton Viaduct,
Peak District
National Park, U.K.

July



Rich Street Bridge,
Columbus, Ohio

August



Prek Chu Bridge,
Sikkim, India

September



South Grand Island
Bridge, Grand Island,
New York

October



Hadley Bow Bridge,
Hadley, New York

November



Vasco da Gama Bridge,
Lisbon, Portugal

December



Landwasser Viaduct,
Schmiten, Switzerland

Newsletter Publication

We welcome your articles, letters & news items for publication in the ASCE SE Branch Newsletter.

Advertisements and job postings are also accepted by contacting:

Brian Genduso, P.E. – 414.278.9200 – bjg@spireengineer.com

Deadline for next issue is the first of the month.

This is a paid advertisement, and is not affiliated with ASCE.

**NATURAL RESOURCE
TECHNOLOGY**

CHICAGO, IL • EAST LANSING, MI
MILWAUKEE, WI

CAREER OPPORTUNITY

**ENVIRONMENTAL ENGINEER
ENTRY LEVEL**

OCT 2013 MILWAUKEE

Natural Resource Technology, Inc. (NRT) is seeking an entry-level candidate (0 to 3 years) with a BS/MS in environmental, civil, or geological engineering or related discipline to work as an Environmental Engineer in our Milwaukee, Wisconsin office. The successful candidate will participate in remedial construction oversight, remedial investigation, and team participation in preparation of plans and specifications, reports communicating NRT's observations, evaluations, and conclusions, proposals, and general project planning.

**TECHNICAL EXCELLENCE,
INNOVATION,
DYNAMIC TEAMWORK**

Natural Resource Technology, Inc. (NRT) delivers solutions for the development, management, restoration, and sustainability of our natural resources.

NRT is an employee-owned, diverse, and growing environmental consulting organization that is unique in our commitment to our greatest asset, our human resources, and the power of our shared vision. We offer career advancement opportunities that reward energetic individuals who contribute to our success in exceeding our client's expectations. NRT fosters career advancement with management guidance and technical training that enable our team members to manage, enhance, and accelerate their career development.

Submit resumes at:
<http://www.hirebridge.com/jobseeker2/joblist.asp?cid=6956>

Contacts for Questions:
 Becky Caudill, HR Manager
 234 W Florida, Suite 500
 Milwaukee, WI 53204
 414.837.3580
rcaudill@naturalrt.com

www.naturalrt.com

Natural Resource Technology, Inc. is an Equal Opportunity Employer

NRT is an environmental consulting firm serving both private and public sector clients. Our clients appreciate our ability to quickly assemble dedicated teams featuring management and staff that advise on environmental needs anywhere in the United States. NRT staff are nationally-recognized experts in environmental fields such as: contaminated sediment management in both large and small waterway systems; site remediation technologies – best use, applicability and performance; coal combustion product management.

Our continuing success is founded on the relationships we build with our clients and on our ability to attract and retain highly talented engineering, scientific, and business professionals with a shared vision: smarter solutions, exceptional service, value.

As an Environmental Engineer you must work well independently and within a team environment and have demonstrated experience starting and growing business relationships. It is also important to possess excellent verbal and written communication skills as well as strong critical-thinking and analytical abilities. You must also display the ability to transition frequently from field assignments to the office environment.

Specific position qualifications include:

- Ability to direct and conduct measurements and sample collection including documentation of field tasks, data tabulation, and report preparation
- Creative problem solving skills and the ability to embrace innovative design solutions
- Remedial design, remedial construction oversight, and design documentation experience a plus
- Remedial investigations and feasibility studies for remediation technologies experience a plus
- Bench and pilot scale treatability studies for site remediation experience a plus
- Former manufacturing gas plant site experience a plus
- Critical thinking abilities for field documentation and group participation for development of reports based on evaluation of environmental data and application of regulatory criteria
- Knowledge of federal, state and local environmental regulations and programs a plus

Basic Qualifications

- BS/MS environmental, civil, geologic engineering, or related engineering disciplines
- 0 to 3 years experience, environmental consulting experience a plus
- Illinois and/or Wisconsin regulatory experience a plus
- EIT a plus

Position:	Environmental Engineer
Position Location:	Milwaukee, Wisconsin
Position Start:	October 2013
Position Classification:	Salary (Exempt) Full-time



This is a paid advertisement, and is not affiliated with ASCE.

**NATURAL RESOURCE
TECHNOLOGY**

CHICAGO, IL • EAST LANSING, MI
MILWAUKEE, WI

CAREER ADVANCEMENT OPPORTUNITY

**ENVIRONMENTAL ENGINEER
EXPERIENCED MID-LEVEL**

OCT 2013 MILWAUKEE

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Natural Resource Technology, Inc. (NRT) delivers solutions for the development, management, restoration, and sustainability of our natural resources.

NRT is an employee-owned, diverse, and growing environmental consulting organization that is unique in our commitment to our greatest asset, our human resources, and the power of our shared vision. We offer career advancement opportunities that reward energetic individuals who contribute to our success in exceeding our client's expectations. NRT fosters career advancement with management guidance and technical training that enable our team members to manage, enhance, and accelerate their career development.

Submit resumes at:
<http://www.hirebridge.com/jobseeker2/joblist.asp?cid=6956>

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Natural Resource Technology, Inc.
 is an Equal Opportunity Employer

Natural Resource Technology, Inc. (NRT) is seeking an experienced mid- to senior level candidate (8 to 15 years) with a BS/MS in environmental, civil, or geological engineering or related engineering discipline to work as an Environmental Engineer in our Milwaukee, Wisconsin office. The successful candidate will assume responsibilities for project planning, development of plans and specifications, and preparation of reports communicating NRT's observations, evaluations, and conclusions.

NRT is an environmental consulting firm serving both private and public sector clients. Our clients appreciate our ability to quickly assemble dedicated teams featuring management and staff that advise on environmental needs anywhere in the United States. NRT staff are nationally-recognized experts in environmental fields such as: contaminated sediment management in both large and small waterway systems; site remediation technologies – best use, applicability and performance; coal combustion product management.

Our continuing success is founded on the relationships we build with our clients and on our ability to attract and retain highly talented engineering, scientific, and business professionals with a shared vision: smarter solutions, exceptional service, value.

As an Environmental Engineer you must work well independently and within a team environment and have demonstrated experience starting and growing business relationships. It is also important to possess excellent verbal and written communication skills as well as strong critical-thinking and analytical abilities. Specific position qualifications include:

- Effective project management capabilities
- Remedial design, remedial construction oversight, and design documentation experience
- Bench and pilot scale treatability studies for site remediation
- Former manufactured gas plant site experience a plus
- Storm water permitting experience preferred
- Strong knowledge of federal, state and local environmental regulations and programs
- Ability to direct and conduct measurements and sample collection including documentation of field tasks, data tabulation, and report preparation
- Critical thinking abilities for development of reports and recommendations based on evaluation of environmental data and application of regulatory criteria
- Creative problem solving skills and the ability to embrace innovative design solutions

Basic Qualifications

- BS/MS environmental, civil, geologic engineering, or related engineering disciplines
- 8 to 15 years experience with minimum 5 years consulting experience preferred
- Wisconsin regulatory experience preferred, Illinois and/or Michigan experience a plus
- PE preferred

Position:	Environmental Engineer
Position Location:	Milwaukee, WI
Position Start:	October 2013
Position Classification:	Salary (Exempt) Full-time

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