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[www.ascewise.org](http://www.ascewise.org)

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](http://WWW.ASCE.ORG)

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

## PRESIDENT'S MESSAGE

Hello ASCE SE Branch,

This time of year certainly reminds us to reflect on what we are thankful for in our lives. Included in my long list of things I'm thankful for is the wonderful support of the SE Branch Board. Their active participation and detailed involvement with ASCE helps support and advance this great organization we are all a part of, and their efforts make my job much easier. I encourage everyone who reads this to thank a board member when you see them, because their hard work is reflected in the quality of your ASCE membership.

In particular I would like to highlight our President-elect, Ken Mika. Ken represented ASCE at the 2015 Emerging Leaders Alliance Conference that was held in Reston, VA on November 8-11, 2015. He was one of eight ASCE members selected from a competitive pool of applicants to attend this conference, which promotes the development of emerging leaders in the engineering profession. Truly, Ken has already emerged as a key leader in ASCE at both the Branch and Section level. Please congratulate Ken on his accomplishment and thank him for his continued service to ASCE.

Finally, thank you to all the membership who reads this newsletter and gets involved with the activities and events hosted by the branch. I'm always excited to see a great turnout at a lunch or dinner meeting, because I know that it is difficult to take time out of our busy schedules to attend our events.

Here's to a strong finish to 2015 and spending valued time with friends and loved ones.

Happy Holidays!

Mike

**December Lunch Meeting Announcement**

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**ASCE - SOUTHEAST BRANCH  
DECEMBER LUNCHEON MEETING****Harbor District Initiative**

Milwaukee's Harbor District has been at the center of our region's prosperity for hundreds of years - first as a rice marsh with plentiful fish and game, then as an economic hub that served industries throughout the state. Now, much of its land sits abandoned or in disrepair, its waterways are polluted - but its potential is immense.

The Harbor District Initiative brings together local, state, and federal government efforts, private sector interests, and community enthusiasm to achieve a world-class revitalization of this area for the benefit of the City and the Region. Our goal is to reinforce existing businesses and neighborhoods and set a new standard for how waterfronts "work" environmentally, economically, and socially.

A new non-profit, Harbor District, Inc. (HDI), is leading the charge to reimagine - and then rebuild - this area. HDI, the City of Milwaukee and other partners are conducting a planning process to craft a vision for the area, begin to build momentum and marshal resources to implement the vision.

Speaker: Daniel Adams  
Planning Director, The Harbor District, Inc.

Date: Thursday, December 17, 2015

Time: 11:30 a.m.-Registration & Social Gathering  
11:45 a.m.-Lunch Followed by Presentation

Location: UWM School of Freshwater Sciences  
600 E. Greenfield Ave.  
Milwaukee, WI 53204

Meal: Choice of Sub: Ham, Turkey or Vegetarian  
Chips, Cookie, and Drink Included  
\*Special Dietary Meals Available Upon Request

Cost: \$17 for ASCE Members  
\$20 for Non-Members  
Free for ASCE Students with advanced registration

Registration Ends December 14, 2015

Please note: You must register online to receive a lunch, extras will not be provided for day-of registrants. We also cannot guarantee a seat for day-of registrants.

No shows will be billed for the cost of lunch. If you cannot attend please email Kiley Kurz at [kkurz@stemforward.org](mailto:kkurz@stemforward.org) no later than December 15, 2015 by 12:00pm for cancellation. All checks must be payable to STEM Forward.

**Save the Date for January Scholarship Dinner**

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Article By: Jared Wendt

In December, the Southeast Branch will be hosting a joint meeting with STEM Forward at the UW-Milwaukee School of Freshwater Sciences on Thursday, December 17. This lunch meeting will feature a presentation by Dan Adams from the Harbor District describing the initiatives to revitalize Milwaukee's Harbor District. More information about this meeting will be available in early December.

Planning is currently underway for the January Scholarship Dinner. The meeting will be held at Marquette University on January 25. The featured speaker will be the Secretary Cathy Stepp from the Wisconsin Department of Natural Resources. Save the date and watch for more information in early January.

**November Lunch Meeting Summary**

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Article By: Jared Wendt

The ASCE Wisconsin Section Southeast Branch held its November lunch meeting at the Milwaukee Metropolitan Sewerage District (MMSD) on Wednesday, November 18. David Fowler from MMSD presented on the Menomonee River Fish Passage Project. This program consists of a series of projects aimed at restoring the habitat along the river to allow for the passage of fish upstream and create an environment to allow the fish population to grow and become more sustainable. The project has already had a positive impact as salmon have been seen traveling much, much farther upstream.

Thank you to David for presenting and thank you to MMSD for continuing to partner with us for our November meetings!

**YMG Activities**

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**Santa Hat Bar Crawl**

Article By: Josh Mitchell

Come Join us for our annual Santa Hat Bar Crawl on Friday December 11 from 6:00pm to 11:00pm. This year we will be on Old World Third Street. We will be giving out santa hats at our first bar, Who's on Third.

Hope to see everyone out next Friday!

**Hunger Task Force Drive Recap**

Article By: Bri Turley

ASCE YMG gathered at Pong Evolution for the Hunger Task Force food drive collection on November 19th.

Over 740 pounds of food and \$365 were collected by members and their offices. Thank you to everyone who participated and helped hungry families in our community.



**Envision Training Recap**

Article By: Bridget Henk

On October 23, seven people attended the inaugural Envision Rating System Training Session at GRAEF which was sponsored by the SE Branch and WI Section. The all day training prepared the attendees to take the Envision Sustainability Rating System Exam. A future training session will be offered in September in conjunction with the ASCE Wisconsin Section Annual Meeting hosted by the SE Branch. Watch for information in future newsletters. Contact Bridget Henk with any questions. ([bridget.henk@graef-usa.com](mailto:bridget.henk@graef-usa.com))

**Planning Committee for Annual Meeting Now Forming!**

Article By: Jared Wendt

The Southeast Branch will be hosting the ASCE Wisconsin Section Annual Meeting in September 2016. The planning committee is now forming. If you are interested in joining, please email Jared Wendt at [jared.wendt@ch2m.com](mailto:jared.wendt@ch2m.com).

**Natural Resource Technology, Inc. wins national ASCE award for YMG Support**

Article By: Kyle Bareither

Milwaukee based Natural Resource Technology, Inc. (NRT) has been awarded the ASCE Superior Employer Recognition Award for Support of Younger Members!! The Employer Recognition Program was a result of the ASCE Strategic Plan which called for the establishment of a program to recognize and acknowledge employers who support Younger Member participation in ASCE activities. NRT has been acknowledged in this for being supportive to its engineers in their personal and professional careers. NRT supports its engineers by encouraging and assisting them in pursuit of their professional engineer's license, individualized development plans, active in-house training, and complete support for being involved in professional societies, including being active on those societies boards and planning committees.

Local ASCE members and volunteers may know of NRT as being a sponsor to STEM Expo and the Southeast Branch Scholarship Golf Tournament as well as hosting Section, Branch, and YMG Board of Directors meetings, STEM Expo meetings, and Spring Technical Conference planning committees.

NRT will be recognized in the December 11<sup>th</sup> publication of the Region 3 report in ASCENews Weekly. Please join me in saying congratulations to NRT!

### **Student Scholarship Opportunity**

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Article By: Dennis Keitel

The Association of State Dam Safety Officials sponsors a scholarship program for students enrolled full-time in an accredited civil engineering program or in a related field. Students must demonstrate an interest in pursuing a career in hydraulics, hydrology or geotechnical disciplines or in another discipline related to the design, construction, and operation of dams. The scholarship is available to senior level students who expect to graduate in May/December 2017.

The deadline for submissions is **March 31, 2016**.

More information can be found here:

[http://www.iowaasce.org/documents/ASDSOscholarship2016\\_17.pdf](http://www.iowaasce.org/documents/ASDSOscholarship2016_17.pdf)

### **Future City Mentoring – Call for Volunteers**

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Article By: Bri Turley



The 2016 Future City is in need of volunteers to help judge essay, presentation, and models. This is a great opportunity to mentor and inspire a child into a future STEM professional.

To register as an essay and/or Virtual City judge go to [www.futurecity.org](http://www.futurecity.org) and "Register" as a Regional Competition Judge (upper right corner of the page). You can then select how you would like to volunteer.

Virtual City and City Description Essay judging will take place **December 8 – December 16** and **December 21 - January 10**, respectively.

The ASCE SE Branch and YMG will be sponsoring special awards at the Regional competition. Please contact, Bri Turley, at [bturley@hntb.com](mailto:bturley@hntb.com) if you are interested in being a special award judge for either the SE Branch and/or the YMG.

Future City is a fun way to see the kids stretching their imaginations and increasing their interest in engineering. If you have any questions about Future City please feel free to email me.

## Membership Update

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Article By: Nick Bobinski

Remember to renew your ASCE membership for 2016 to continue to take advantage of all that ASCE has to offer! As an added bonus, members who renew by December 14<sup>th</sup> will be entered in a drawing for a \$1,000 Amazon gift card! Renew online at [www.asce.org](http://www.asce.org)

The ASCE Wisconsin Southeast Branch would like to welcome new members Jennifer Greco, Erik Brattlund, James Schilling, Nick Gross, Benjamin Gamedinger, Christopher Gottsacker, and Jordan Adler. You'll find all of the latest updates and upcoming events in this newsletter. We look forward to meeting you!

If you are looking for more ways to get involved, please feel free to email me at [nbobinski@kapur-assoc.com](mailto:nbobinski@kapur-assoc.com)

Check out our website, too! [www.ascewise.org](http://www.ascewise.org)

## 2016 ASCE Membership - Renew Now!

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Article By: Brian Genduso

If you haven't done so already, please renew your ASCE membership for 2016. Renew today and be entered in a drawing to win a \$1000 Amazon gift card on December 14, 2015.



### ASCE gives you three easy ways to renew early:

1. **Online** at [www.asce.org/renewal](http://www.asce.org/renewal).
2. **Mail** in your 2015 renewal form to Membership Department, P.O. Box 79084, Baltimore, MD 21279.
3. **Call** ASCE's Customer Service at (800) 548-ASCE (2723) or (703) 295-6300 between 9:00 a.m. – 6:00 p.m., E.T., Monday-Friday.

**Don't let your 5 free 2015 Professional Development Hours go to waste...**

Article By: Larry Buechel

Most ASCE members remain unaware of one of the greatest benefits of their membership - getting as many as 5 free PDHs that can be applied toward licensing requirements. Your membership entitles you to choose up to five ASCE On-Demand Webinars a year that can earn you free PDHs for each one you complete and pass! The offer expires at the end of each calendar year, so why not take an hour or two during the upcoming holiday season to take advantage of this great offer?



On-demand learning is a convenient and effective method for engineers to earn PDHs/CEUs and gain practical, real-world knowledge. ASCE's programs are developed by industry experts and available for a variety of technical areas. Below are a just a few examples of the On-Demand Webinar topics available from ASCE.

On Demand Webinar series can be accessed using the weblink below:

<https://secure.asce.org/ASCEWebsite/Benefits/Membership/FreeOnDemandWebinars.aspx>

**Construction**

- Construction Stormwater BMPs
- Best Practices for Crack Treatments for Asphalt Pavements
- Building Structures and Sustainability
- Critical Path Method

**Management/Ethics**

- Ethics for Engineers
- From Engineering to Entrepreneurship: How to Prepare For, Start and Manage Your Own Engineering Firm
- The Ethics of Leadership
- Engineering For a Sustainable Future

**Environmental**

- An Introduction to Sediment Transport Modeling Using HEC-RAS
- Analysis and Design of Veneer Cover Soils for Landfills and Related Waste Containment Systems
- Basics of UV Disinfection Wastewater Reuse
- Culvert Design for Fish Passage - Concepts and Fundamentals

**Geotechnical**

- An Overview of Geosynthetics and Their Major Applications
- Avoiding Failures of Retaining Walls
- Design and Rehabilitation of Foundations on Expansive Soils
- Estimation of Unsaturated Soil Properties

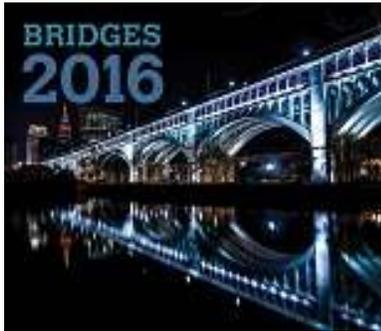
**Structural**

- Advanced Bridge Hydraulics with HEC-RAS
- Aging Infrastructure, Risks, and Making Tough Decisions
- Alternative Designs for Anchorage to Concrete
- Curtainwall Primer for Design Professionals

**Transportation**

- A Corridor Approach to Access Management
- Adaptive Traffic Control Systems as a Way to Measure Performance of Arterial Streets
- Analysis and Assessment of Roundabouts
- Application of Clear Zones for Roadway Departures

**Bridges 2016 Calendar Available**



*Bridges 2016* offers spectacular images of bridges from the United States and around the world. This calendar is a celebration of the unique blend of technology and art that is the hallmark of great engineering.

Once again, this year's calendar celebrates great photography! Every photo in the calendar was selected from entries to ASCE's Bridges Photo Contest. Each bridge photo appears with a description of its technical or historical significance, and the winners of the photo contest are identified. The photos selected for the 2016 calendar celebrate the form, function, and style central to excellence in civil engineering.

*Bridges 2016* is a full-sized wall calendar, perfect for jotting down daily activities or appointments.

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/templates/publications-book-detail.aspx?id=18052>

January



Irondequoit Bay Outlet Bridge

February



Dongshuimen Bridge

March



South Grand Island Bridge(s)

April



Salmon Bay Bridge

May



Hanging Bridge

June



Pont Jacques Chaban-Delmas

July



I-20 and Old Highway 80 Bridges

August



Barito Bridge

September



The Brooklyn Bridge

October



Dividing Weir Bridge

November



Railroad Bridge

December



Pinellas Bayway Bridge

**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](mailto:bjg@spireengineer.com)**

Deadline for next issue is the first of the month.

Job Postings

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



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**Project Manager - Land Development (Milwaukee):** This position serves as a leader of projects across the spectrum of civil engineering generally located throughout Wisconsin and Northern Illinois.

**Project Manager - Land Development (National Clients):** This position serves as a leader of projects across the spectrum of civil engineering specific to clients needs regardless of project location. This position can be based in either of our Chicago or Milwaukee offices.

**Project Engineer - Land Development (Milwaukee):** This position contributes civil engineering design elements to a project team.

**Project Surveyor (Milwaukee):** This position serves as a Professional Land Surveyor, or ability to gain licensure within 1-2 years, as a contributor to survey mapping, land divisions, and construction layout efforts.

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