

## BOARD OF DIRECTORS

2016-2017

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## Website:

[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

Greetings,

Thank you to everyone who attended our October Branch Meeting at Best Place on the political dynamics surrounding the Milwaukee Bucks new sports and entertainment arena and adjacent development. It was great to hear about a local P3 being pulled together!

In November there are two opportunities provided by the Branch for members to attend. The first is the Envision Training being put on by Bridget Henk in partnership with the ASCE Wisconsin Section, our ASCE Southeast Branch, and Graef. The training is November 30 from 8:30 am until 4:30 pm. More information can be found in the Envision Flyer. The second opportunity is the Branch November Meeting at MMSD on November 17 from 12:00 pm to 1:15 pm. Patrick Elliot from MMSD and Nadia Bogue from the Sixteenth Street Community Health Center's Department of Environmental Health will be presenting on the revitalization and naturalization of the Kinnickinnic River. You can register through Constant Contact.

In December the Branch Board of Directors will be looking to nominate members for the STEM Forward Engineer of the Year and Young Engineer of the Year Awards. If you have any recommendations, please forward those recommendations on to our Past-President Mike Arnold ([mike.j.arnold@aecom.com](mailto:mike.j.arnold@aecom.com)). It is always great when we can nominate our members for their amazing work.

I hope everyone has a great Thanksgiving and for those hunters out there stay safe and good luck hunting!

Ken

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**Southeast Branch November Lunch Meeting**

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The ASCE Wisconsin Southeast Branch will be holding its November lunch meeting at MMSD on Thursday, November 17 beginning at noon. Patrick Elliot from MMSD and Nadia Bogue from the Sixteenth Street Community Health Center's Department of Environmental Health will be presenting on the revitalization and naturalization of the Kinnickinnic (KK) River.

The Kinnickinnic (KK) River watershed is the state's most urbanized watershed, located in the Milwaukee River basin on the City's south side. Recent updates to the floodplain maps show over 600 residential and commercial structures are at a high flood risk. In addition, many of the streams throughout the watershed are lined with concrete. The concrete channels not only create a major public safety concern, impact habitat and water quality but they are also deteriorating and reaching the end of their useful life. MMSD is partnering with several agencies including Milwaukee County and the City of Milwaukee to complete projects to reduce the flood risk, naturalize over 6 miles of stream, and incorporating enhancements to the area's parks at a cost of over \$250 million. MMSD is also partnering with the Sixteenth Street Community Health Center to educate, engage and obtain feedback from the diverse inner city population throughout the planning and implementation of this watershed effort. The Community Center's work with the community is one of the most important aspects needed for the success of the project that will lead to the long term improvements in health of the waterway and the south side community.

**Speakers:** Patrick Elliot and Nadia Bogue

**Topic:** Revitalization and Naturalization of the Kinnickinnic River

**Date:** Thursday, November 17, 2016

**Time:** Noon Registration, 12:15 PM Presentation begins

**Location:** Milwaukee Metropolitan Sewerage District  
260 W Seeboth St  
Milwaukee, WI 53204

**Meal:** Jimmy Johns Subs. See registration for details.

**Cost:** \$15 Members  
\$18 Nonmembers  
\$10 Students

An invitation to register was sent to all branch members, but in case you didn't receive or can't find the email, use the following link:

<https://events.r20.constantcontact.com/register/eventReg?oeidk=a07edexx0e52029070b>

**Registration ends Wednesday, November 16 at Noon**

Visit the registration link to view the menu choices. Please contact Jared Wendt at 414-847-0487 or [jared.wendtW@ch2m.com](mailto:jared.wendtW@ch2m.com) with any questions.

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**Calling all Structural Engineers:  
School District of New Berlin 2016 Career Days**

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Article By: Chris Robb

The school district of New Berlin and Junior Achievement are seeking a structural engineer to present at New Berlin High School Career Days at New Berlin West High School on Tuesday, November 29<sup>th</sup>. Every eighth grader, freshman, sophomore, junior and senior at the New Berlin High Schools will be attending Career Day. You would have the opportunity to share your knowledge and experience, and inspire the youth to a rewarding career in structural engineering!

Your participation in this event shows your dedication to engaging students in the world of work and helps students make the connection between academics and careers, exciting students to learn by making their class work more relevant.

If you have any interest in presenting and would like to learn more about this event, please email Chris Robb at [crobb@geosyntec.com](mailto:crobb@geosyntec.com) and we will connect you to Junior Achievement for more information.

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**Become a STEM mentor for Future City teams**

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Article By: Pat Flaherty



Middle School students all over greater Milwaukee are currently forming teams for the 2016 Wisconsin Regional Future City competition. Future City is a program where small groups of students work with a teacher and a STEM (Science, Technology, Engineering, Math) mentor to develop a city of tomorrow. We've got the teams and the teachers - now we need the mentors! Mentor commitments can be anywhere from once a week to a couple times a month.

A STEM mentor provides guidance and support to a team of 3-5 students throughout the project. Teams start in September and finish by presenting their cities at the WI Regional Competition on January 21st at MSOE. Mentors provide feedback, insight and advice to the team by meeting, calling or emailing with them several times a month.

Being an STEM mentor is not a huge time commitment, but the impact you will have on the students is immense. They look to you for advice and encouragement, and your support is crucial to their success. Please consider contributing a couple hours a week to this great program.

For more information, check out the the competition's website! <http://futurecity.org/wisconsin>

Anyone interested in volunteering as a mentor can reach out to Pat Flaherty ([patrickf@rileycon.com](mailto:patrickf@rileycon.com)) to get signed up!

Thanks to all those who are interested in helping out; as well as all those who have helped with this competition in the past!

## Envision Workshop

The ASCE Wisconsin Section, ASCE Southeast Branch and GRAEF are proud to present:



# Envision Sustainable Infrastructure Rating System Training Workshop

This full-day workshop will equip participants to take the Envision Sustainability Professional (ENV SP) exam. This workshop can be taken in lieu of the online training course available on the ISI website. The workshop presentations, discussions, and group exercises will be facilitated by an ISI-approved Envision trainer, Bridget S. Henk, P.E., ENV SP, LEED AP BD+C.

Participants will learn how to use the Envision rating system to aid in sustainable infrastructure planning and design. Participants will receive access to the presentation slides, online training course, Envision guidance manual, references to additional resources, and links to social media venues for continued involvement in the Envision professional community.

Upon completion, participants will be eligible to apply for the online ENV SP exam. Some additional self-study is recommended prior to applying to take the exam. Examination and exam fees are not included as part of this workshop. Frequently asked questions on the ISI Envision Credential can be found on the ISI website at: <https://www.sustainableinfrastructure.org>

Six Professional Development Hours are available for the workshop. Space is limited. Registration Deadline is November 21. No walk up or day of registrations permitted. Fees must be received by November 21 to qualify for the training.

### Workshop Information:

Date: Wednesday, November 30, 2016

Time: 8:30 AM to 4:30PM

Location: GRAEF  
125 South 84th Street, Suite 401  
Milwaukee, WI 53214

Application and Training Fees\*:

Private Sector: \$350

Public Sector: \$250

Full Time Faculty: \$250

Qualified Students: \$150

\*Fees do not include exam fees. ASCE Wisconsin Section or Southeast Branch Members receive a \$20 discount on application and training fees.

A light breakfast, refreshments, lunch and workshop materials will be provided. To apply please fill out the attached application and send the fee (Checks made payable to the ASCE SE Branch) to:

GRAEF

Bridget Henk

125 South 84th Street, Suite 401

Milwaukee, WI 53214

Sign up is available electronically at <http://events.constantcontact.com/register/event?llr=cvve7pkab&oeidk=a07edbn4ftw39ba67bb>

Flyer & application: <http://files.constantcontact.com/2a652cf9201/fccc46cd-17ab-4c43-9255-1adde786d51e.pdf?ver=1476220154000>

Applications can be emailed to [Bridget.Henk@graef-usa.com](mailto:Bridget.Henk@graef-usa.com).



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## Southeast Branch seeks volunteer to serve on Budget & Finance Committee

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Article By: Larry Buechel

The Wisconsin Southeast Branch (Branch) is looking for a current branch member to serve on the Budget and Finance Committee (Committee).

The Committee meets twice a year to perform to review the financials of the Branch, including an audit and budget proposal. Committee membership runs concurrent with the Branch's annual fiscal year – October 1 to September 30.

Branch members interested in serving on the Committee should contact Committee Chairperson Alan Rentmeester ([atr@spireengineer.com](mailto:atr@spireengineer.com)) or Branch Treasurer Ryan English ([renghlish@whyterra.com](mailto:renghlish@whyterra.com)) for more details.



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## 5 FREE PDH hours through ASCE

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Article By: Chris Robb

Don't forget your annual ASCE membership includes five free professional development hours (PDH). Those PDHs can be redeemed using the On Demand Webinar offering available on the ASCE website. The ON Demand Webinar series can be accessed using the weblink below:  
<https://secure.asce.org/ASCEWebsite/Benefits/Membership/FreeOnDemandWebinars.aspx>



Please note the 2016 PDHs must be utilized no later than December 31<sup>st</sup>.

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## Renew your ASCE membership

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Article By: ASCE National

As a current ASCE member we thank you for your past support and hope you were able to take full advantage of your membership benefits. To encourage members to renew early this year we are offering some great Amazon gift card prizes\*.

**Here are the early bird renewal prizes you could be eligible for:**

- A \$500 Amazon gift card if you renew by September 20, 2016
- A \$250 Amazon gift card if you renew by October 18, 2016
- A \$100 Amazon gift card if you renew by November 15, 2016



To sweeten the deal, we'll enter you into all of the drawings that occur after your renewal, so the earlier you **renew** the more chances you have to win. Everyone that renews by December 12, 2016 will also be eligible for our grand prize drawing for a **\$1000 Amazon gift card\***.

Renew at:

<https://secure.asce.org/ASCEWebsite/SECURE/SignIn/SignIn.aspx?ASCEUrl=/ASCEWebsite/Secure/MembershipRenewal/MembershipRenewal.aspx>

Prefer to renew by phone? ASCE's Customer Service is available at **(800) 548-ASCE (2723)** between 9:00 a.m. – 6:00 p.m., E.T., Monday to Friday.

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**'Get to Know Your Board' – Chris Robb**

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We continue this series by getting to know Chris Robb, Director for the Southeast Branch.

***Tell us about yourself:***

I am a Principal Engineer with Geosyntec Consultants responsible for developing and supporting a remediation design and construction practice for the Great Lakes Region. My wife Suzanne and I live in Hartford with our four children and one dog.

***Where did you go to school?***

I graduated from UW-Milwaukee with a Bachelor of Science degree in Civil Engineering with an emphasis on water resources and environmental.

***Do you have any hobbies?***

My family and I are loyal Green Bay Packers football fans and attend games nearly every year. I enjoy traveling, my annual muskie fishing trip on Lake of the Woods, snowboarding, paddle boarding, cooking, running, and I am a semi-retired rock climber.

***What is your favorite television show(s)?***

I enjoyed the series "Friday Night Lights", the "Sopranos", and "Sports Night". I am currently watching "Bloodline" on Netflix. Oh...and I just got my daughter into "Star Trek: The Next Generation"!

***What is the highlight of the past year?***

Taking my son and daughter on tours of various college campuses as they prepare to start college in 2017. College is a lot different (and more expensive) than when I was in school!!!

***What did you want to be when you grew up?***

I do not recall what I wanted to be as a child, but I always enjoyed tearing anything apart and rebuilding it. In high school I started taking drafting, architecture, carpentry classes – by the time I was a senior in high school I knew I wanted to be an architect or an engineer. This interest, combined my love of the outdoors led me to pursue environmental engineering in college.

***What is the best place that you have visited?***

My favorite place is Puerto Rico. I have been there every year since 2010 and have taken the children twice. Our family has spent time all over the island and visited the island Vieques – home of the most beautiful beaches in the Caribbean (shhh! – it's a secret).

***A place you would like to visit before you die?***

More time in Europe – I have a special interest in Eastern Europe: Hungary, Romania, Bulgaria. And anyplace with a beach.

***How did you get involved in ASCE?***

I initially got involved with ASCE through the student chapter in college. I recently decided to get more involved in the local professional Branch by serving on the Branch Board of Directors. I feel I have much to offer our profession and feel compelled to share my knowledge and experience to the betterment of our colleagues.

***What do you like best about ASCE?***

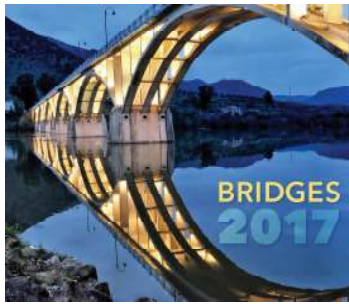
I like the emphasis ASCE places on networking, transfer of knowledge, and ethics. ASCE provides opportunities to mentor and share with younger members.

***What advice do you have for ASCE members?***

Get involved in the local Branch activities – attend a lunch meeting, volunteer to be a part of one of the community service projects/events, and reach out to your local members. We have much to offer, share and you never know what opportunity you may uncover.



**Bridges 2017 Calendar Available**



*Bridges 2017* is the must-have wall calendar for anyone who designs, builds, crosses, or simply loves bridges. Each month highlights a spectacular bridge with an awesome photograph and a thumbnail history highlighting the bridge's engineering significance. Plus, each month has a bonus bridge mini-photo. Chock-full of photos of bridges from the United States and around the world, this full-sized calendar is perfect for jotting down daily activities or appointments.

The *Bridges 2017* calendar celebrates the magical combination of technology and inspiration that is the hallmark of great engineering. These civil engineering masterpieces inspire photographers, too! Every photo in the calendar was selected from entries to ASCE's Bridges Photo Contest, and all winning photographers are identified.

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=22384>

**January**



Tongjin Bridge

**February**



St. John's Bridge

**March**



Foresthill Bridge

**April**



San Francisco-Oakland Bay Bridge

**May**



Queensboro Bridge

**June**



Mike Gotch Memorial Bridge

**July**



Bixby Creek Bridge

**August**



Sant'Angelo Bridge

**September**



Triple Arches Bridge

**October**



Centennial Trail Walking Bridge

**November**



Roosevelt Bridge

**December**



State Street 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.