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## SAME-MSP BOARD MEMBERS:

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## SAME-MSP JANUARY MEETING: 01.22.2020

### **CAPACITY BUILDING & INLAND NAVIGATION IN THE AMAZON RIVER BASIN**

**1.0 PDH**

Brian Alberto, PE | U.S. Army Corps of Engineers, St. Paul District

USACE signed their first 5-year agreement with the Brazilian Department of Transportation and Infrastructure (DNIT) in 2016 to provide technical assistance and capacity building support to inland navigation projects throughout Brazil. To accomplish this, USACE regularly embeds one or more Subject Matter Experts (SME's) within DNIT's office in Brasilia, Brazil to assist and collaborate with Brazilian engineers to improve navigation reliability, safety, and efficiency throughout the year. Inland navigation in Brazil is problematic during the dry season (August – October), as shallow water depths require convoys to either light-load their barges or increase their travel time as they navigate around sand shoals and/or rock outcrops. This presentation will provide an overview of the DNIT-USACE program, discuss DNIT's mission to increase navigation reliability (particularly in the Amazon River Basin), walk through a case study of the Madeira River feasibility project, and discuss the cultural and social aspects of working in Brazil.

#### **Speaker Biography:**

**Brian Alberto** is a Senior Hydraulic Engineer with over 10 years of experience specializing in multi-dimensional hydraulic modeling, flood risk management, hydraulic structure design, navigation, climate change analysis, hydraulic modeling instruction, technical project management, and meeting facilitation.

#### **Meeting Details: Wednesday, January 22, 2020**

**Location:** Grumpy's Bar and Grille

**Address:** 2801 Snelling Avenue, Roseville, MN 55113

**Optional Lunch:** \$18.50 Taco Bar with Chili con Queso

#### **Schedule of Events:**

11:30AM – 12:30PM: Networking and optional lunch TBD

12:30PM – 1:30PM: Roundtable discussion

#### **RSVP: Wednesday January 15, 2020**

We are now using our new SAME-MSP website to collect RSVPs for our monthly luncheons. Please use the following link to create a member account and complete your registration: <https://www.same.org/mpls-stpl>

## UPCOMING CONFERENCES

'Tis the season for conferences in Minnesota:

- ★ **Minnesota Climate Adaptation Conference** on January 22<sup>nd</sup> in Saint Paul
- ★ **The Minnesota County Engineers Association Annual Conference**, January 21-24<sup>th</sup> in Gull Lake
- ★ **The City Engineers Association of Minnesota Annual Conference** on January 29-31<sup>st</sup> in Brooklyn Center
- ★ **SAME and IFMA's Facilities Management Workshop**, February 6-8<sup>th</sup> in San Antonio, TX
- ★ **The 2020 Upper Midwest Stream Restoration Symposium** on February 23-26 in Stillwater
- ★ **The Minnesota Transportation Conference** on March 3-4 in Saint Paul
- ★ **Call for Proposals for the 2020 National Coastal and Estuarine Summit** in Providence, RI are due April 3, 2020

## CONNECT WITH US!

In addition to revamping our newsletter and website, the Minneapolis-Saint Paul Post is now socially savvy! We encourage you to check out our Facebook and LinkedIn pages and stay up to date on the happenings at our Post.



<https://www.facebook.com/SAMEMSP/>



<https://www.linkedin.com/company/same-msp-post/>

## SAME-MSP NEWS AND UPDATES

Mark your calendars, there are plenty of upcoming opportunities to get involved with the Minneapolis-Saint Paul Post!

### HABITAT FOR HUMANITY SAVE THE DATE



We need volunteers to help us with our Habitat for Humanity Event that will be held on Saturday, March 21, 2020 at a new home site at 144 Gresham Avenue North in Oakdale, MN (east of St. Paul). You do not need to be handy with tools. We need volunteers for a variety of tasks many of which require no construction skills. The event runs from 8:30 AM to 4:00 PM, however, you can assist for as little as one hour or just stop by and visit the crew. This is a fantastic opportunity to give back to our community by assisting families who need help with a first home purchase. It is a rewarding way to spend a Saturday in March. If you want to sign up and/or would like additional information, please contact Kenton Spading who is leading the efforts for this event. You can reach him at: [kspading@comcast.net](mailto:kspading@comcast.net) or text or call him at 651-272-7970.

You have the power to make a difference. Habitat for Humanities' mission is to eliminate poverty housing from the Twin Cities and to make decent, affordable shelter for all people a matter of conscience. Their vision is a Twin Cities region where families can own homes in healthy neighborhoods with access to jobs, transportation, and quality schools.

### CENTENNIAL CELEBRATION

Time sure does fly, did you know SAME is turning 100 this year? Our own Minneapolis-Saint Paul Post is just a baby at 99 years old. The Centennial Celebration Planning Committee is sifting through all the great ideas that they have received. Stay tuned for upcoming announcements on how we plan to celebrate our centennial anniversary! If you have any questions or would like to get involved, please reach out to [Peter Allen](#), [Jon Gustafson](#), and [Chris Erickson](#).

### DRAFT MS4 PERMIT COMMENT PERIOD

Remember to review the new MS4 permit and submit your comments to the MPCA by January 11, 2020! For more details, please visit:

<https://www.pca.state.mn.us/water/municipal-stormwater-ms4>

### USACE ROCK ISLAND DISTRICT BUSINESS OPEN HOUSE

Join the Rock Island District on February 18<sup>th</sup> for their District Open House. The event is free to attend. To register or learn more:

<https://www.eventbrite.com/e/us-army-corps-of-engineers-rock-island-business-oppsoopen-house-tickets-84761187995>

### HAVE AN INTERESTING PROJECT TO SHARE?

Consider writing an article for our newsletter! If you have any ideas or suggestions for the newsletter please reach out to Katy Thompson at [katy.thompson@respec.com](mailto:katy.thompson@respec.com)

## PRESIDENT'S UPDATE

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For those of you who attended the December meeting, thank you! We switched up the format a bit to create more of a small setting discussion with a few key topics, and I felt like it was a very successful meeting. We were able to discuss several topics, including ideas for onboarding of new employees, various examples of leadership development programs, and concluded the discussion with a topic on ethics and tough decisions that are required during your professional career. There was no single presentation, no slides, and no cell phones. The meeting consisted of a group of professionals sharing and listening to each other's experiences, and it ended up being very informative. I hope those of you who attended enjoyed the small group environment and the conversation that it generated.

Next month, we will meet again on our typical Wednesday (1/22) at Grumpy's in Roseville. I am really looking forward to our upcoming speaker, **Brian Alberto**, who will be speaking on his involvement in Brazil and the country's inland navigation system. Please join us at our next meeting to learn about how the U.S. Federal Government is assisting Brazil with hydrologic modeling efforts.

The following upcoming opportunities are wonderful ways to get more involved with SAME:

### ★ Future Cities Competition

The Future Cities Competition that will be held on **January 18, 2020** is approaching quickly. The event is located at the Dakota County Technical College. We are still looking for volunteer judges to assist in judging approximately 25-40 teams. If you have never participated in this event, I definitely recommend it. You will witness a ton of creativity from the middle school teams and it provides you the opportunity to give back to our educational system. If you would like more information on the event, please reach out to [Peter Allen](#).

### ★ Habitat for Humanity

Our Habitat for Humanity Event is coming up soon and will be held on **March 21st, 2020**. We are hoping to increase our participation this year, so please consider volunteering your time. This is a fantastic opportunity to give back to our community and a rewarding way to spend a Saturday afternoon in March. If you are interested and would like additional information, please contact [Kenton Spading](#) who is leading the efforts for this event.

Happy New Year and thank you to all our members for your support in 2019 and your continued support in 2020!

**Jane Flewellen**  
SAME-MSP Post President  
Direct: 763.287.3464  
Email: [jane.flewellen@mortenson.com](mailto:jane.flewellen@mortenson.com)

## VOLUNTEER NEEDED!

### Continuing Professional Competency Committee Chair

We have been so blessed to have had Michelle Larson help us with our planning and execution of Professional Development Hours for our programs. However, Michelle will be leaving for a temporary duty assignment in Brazil this next year. Her last month with our post will be in **February**. If anyone is interested in becoming more involved with our post, this is a great opportunity!

Please feel free to reach out to me or Michelle Larson if you are interested. Michelle is more than happy to assist with the transition and would be happy to answer any questions that you may have.

### Thank you!

Jane & Michelle

[Jane.flewellen@mortenson.com](mailto:Jane.flewellen@mortenson.com)

[Michelle.j.larson@usace.army.mil](mailto:Michelle.j.larson@usace.army.mil)



## SAME-MSP POST SCHOLARSHIP APPLICATIONS

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The 2020 Scholarship Application Forms are now available on the [Grants & Scholarships](#) page of the web site, as well as via the links below. The SAME Minneapolis Saint Paul Post will be granting three scholarships: two (2) one-time \$1500.00 scholarships and one (1) \$1500.00 multi-year scholarship (\$6000.00 max). The deadline for submitting scholarship applications is **Friday, April 3rd, 2020**.

If you know someone who is deserving of a scholarship, please urge the young person to apply for one of the Post's scholarships. Applicants are rated in several areas including academics, school activities, and community activities. High school seniors and Post-secondary students are eligible if they are either:

- ★ Children, grandchildren, or siblings, of members of the Minneapolis-Saint Paul Post. Sponsoring members must be a SAME Minneapolis-Saint Paul Post member for the current year and have been a member of the Post for a minimum of at least one year prior to the current year.
- ★ Student Members of the SAME Minneapolis-Saint Paul Post who will be registered as full-time post-secondary students in the fall of the year of selection. Applicants under this category must be registered through SAME as a Student Member; student memberships are free for full-time undergraduates at an accredited college or university, or high school students.

Applicants must be registered as full-time post-secondary students in the fall of the year of selection and be majoring in an accredited engineering, science, math, or technology-related field and/or disciplines that will specifically support these fields of study.

A committee of Post members evaluates the applications. All applications are kept confidential, and only the winners are announced. For additional information, please contact Erin Krug at [Erin.E.Krug@usace.army.mil](mailto:Erin.E.Krug@usace.army.mil) or 651.290.5576. Scholarship Application Packages can be downloaded from the Post's website at: <http://same-msp.org/grants-and-scholarships/>

## FUTURE CITIES COMPETITION

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This will be the 18th year that teams from Minnesota have participated in the national Future Cities Competition and will be the 12th year that the SAME-MSP Post will be sponsoring a special award category at the Regional Finals for the team that best addresses "**Readiness for Natural and Man-made Disasters.**"

The Post needs the assistance of at least four volunteers on the morning of Saturday, January 18, 2020 at Dakota County Technical College to help select the team to receive our special award.

This year's competition theme is **Clean Water: Tap Into Tomorrow** - teams will design a water-resilient city that is prepared to address a wide range of risks, including drought, flooding, population change, natural and man-made disasters and economic recession. This theme fits well with our special award, so there should be some very creative and well thought out ideas. If you are interested in volunteering, please contact Peter Allen at [peter.allen@stantec.com](mailto:peter.allen@stantec.com) or 612-712-2002.



## JOB NOTICES AND SUSTAINING FIRMS UPDATES

### JOB NOTICES

**Hanson Professional Services Inc.** is seeking a Proposal/Pursuit Specialist, located in one of our Midwest offices, to support the Federal and Government Business Unit. This full-time position includes an excellent benefits/salary package and advancement opportunities for the right candidate. For more information and to apply, go to [www.hanson-inc.com](http://www.hanson-inc.com).

**U.S. Army Corps of Engineers, St. Paul District** is seeking a Senior Structural engineer to resolve complicated engineering problems and make decisions on the design, analysis, and evaluation of project features. These projects support inland navigation, flood risk management, environmental restoration, and emergency response to disasters. For more information and to apply, go to <https://www.usajobs.gov/GetJob/ViewDetails/547524600>. Please contact Mike Dahlquist with any questions at [michael.s.dahlquist@usace.army.mil](mailto:michael.s.dahlquist@usace.army.mil) or at (651) 290-5571.

### THANK YOU!

Thank you to all our Sustaining Firms – SAME-MSP appreciates your support and want to make sure all our members are aware of it, too!

- ★ AECOM
- ★ AMEC Foster Wheeler
- ★ Anderson Engineering of MN
- ★ Ayres Associates
- ★ Barr Engineering
- ★ Bergmann Associates
- ★ Burns & McDonnell
- ★ Cardno Inc.
- ★ CH2M Hill
- ★ Eaton Corporation
- ★ EMR Inc.
- ★ Hammel Green and Abrahamson
- ★ Hanson Professional Services
- ★ HDR Engineering
- ★ HNTB Corporation
- ★ Jacobs
- ★ Landmark Environmental
- ★ Mortenson Construction
- ★ Parsons
- ★ Quantum Spatial
- ★ Rani Engineering
- ★ RSP Architects
- ★ SEH
- ★ Stanley Consultants
- ★ Stantec
- ★ Weston Solutions

### Did you know that as part of your sustaining membership we encourage you to talk about yourselves to our members?

Please email Sherry Van Duyn at [svanduyn@landmarkenv.com](mailto:svanduyn@landmarkenv.com) or Dave Ausdemore at [dave@hsscience.com](mailto:dave@hsscience.com) if you would like more information on how to get involved!

## WELCOME NEW MEMBERS!

The following individuals have joined the SAME-MSP Post this month – thank you for joining us and welcome to the Minneapolis-Saint Paul Post!

- ★ LT. Melissa De Vera,  
Indian Health Services



## SMALL BUSINESS CORNER

If you would like to advertise your small business or submit questions for our panel of small business liaisons and experts, please contact email Sherry Van Duyn at [svanduyn@landmarkenv.com](mailto:svanduyn@landmarkenv.com).

Have an idea for future meeting topics or tours? Please contact Matt Redington with your suggestions at [matthew.redington@hdrinc.com](mailto:matthew.redington@hdrinc.com) or 763.591.5487!

[same.org/mps-stpl](http://same.org/mps-stpl)