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**UNSUBSCRIBE** or **SUBSCRIBE** to the monthly newsletter.

VIRTUAL MEETING: 04.21.2021

MnDOT Transportation Resilience  
 0.5 PDH

The Minnesota Department of Transportation (MnDOT) is continuing to explore opportunities to prepare for and adapt to a changing climate. This presentation will build on MnDOT's *Transportation Resilience Report: Current Practices and Opportunities for MnDOT*, provide updates on current projects and research, as well as summarize next steps and a brief overview of related work. The report and additional climate resilience information can be found here: <http://www.dot.state.mn.us/sustainability/climate-resilience.html>

Hwy 210 Washout near Jay Cooke State Park (photo courtesy of MnDOT)



Presenter Biography:

**Jeffrey Meek** is a Sustainability Coordinator in the MnDOT Office of Sustainability and Public Health and coordinates strategic efforts around climate resilience and adaptation. He developed the Climate Resilience Report for MnDOT which includes a review of related best practices and future opportunities. Jeff's previous work includes managing the Indianapolis Office of Sustainability and serving as a Peace Corps Volunteer in El Salvador, and he has an MPA and an MS in Environmental Science from Indiana University.

**Details:** Wednesday, April 21, 2021 at 12:00pm-1:00pm CST

**Cost:** SAME Members: FREE, Non-Members: FREE

**Location:** ONLINE (details to be provided with Eventbrite receipt)

**RSVP:** <https://www.eventbrite.com/e/same-april-post-meeting-tickets-148837656437>

Please note, the MSP Post will continue to provide monthly programming on a virtual platform through spring 2021. The events will be free for all attendees. PDH credits will be provided when applicable, so please make sure you register for the event. The Post continues to evaluate the feasibility of holding in-person events in 2021 and will continue to keep members updated via the Post newsletter and website.

## SAME-MSP CLASSIFIED

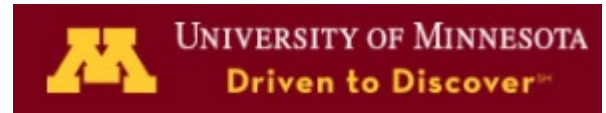
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Mark your calendars, despite the pandemic, there are still some upcoming virtual events and opportunities!

### MINNESOTA WATER RESOURCES CONFERENCE

The Minnesota Water Resources Conference Planning Committee is accepting abstracts for the 2021 Water Resources Conference which will be held October 19-20, 2021! Abstracts for presentations and posters will be

due **Friday, April 16th**. Nominations for the Dave Ford Award are also being accepted for an individual who has an extended history of contributing to the betterment of water resources in Minnesota. Check out the U of MN website for more detail and submittal instructions. <https://conference.umn.edu/minnesota-water-resources-conference>



### 2021 SAME VIRTUAL JETC

The Virtual Joint Engineer Training Conference and Expo (VJETC) 2021 will be an immersive virtual experience that showcases the best of SAME. From connecting with

colleagues to enhancing your knowledge base, from discussing the services and products from our exhibitors to strengthening your company and agency, VJETC is the place where it all happens. We invite you to grow, connect and excel during this virtual event made specifically with you in mind. For more information and to register, please visit: <https://www.sameietc.org/index.cfm>



### 2021 WEF STORMWATER SUMMIT

The 2021 Stormwater Summit will be held from **June 21-23, 2021** in Minneapolis, Minnesota. This Summit is crafted to deepen the technical knowledge of professionals involved in stormwater and provide forums where leading issues in the sector are discussed. The conference will include oral presentations, interactive discussions, pre-conference workshops, exhibits, mobile sessions, opportunities for networking in dynamic settings, as well as virtual components. For more information use the following link: <https://docs.google.com/document/d/13Qv2h-P4YusXJXCqfH29i5rZNIajCmnmkvkeDbtFE/edit?usp=sharing>



### DONATIONS

Every year, the Minneapolis - St Paul Post of the Society of American Military Engineers (SAME-MSP Post) offers up to \$6,000 of educational grants to elementary and secondary schools. These grants serve to achieve a fundamental goal of SAME: "To promote an understanding of, and appreciation for, the engineering related disciplines and to help the young people in our communities be better prepared to become our future engineers." The on-going coronavirus pandemic has had a big impact in our lives and in our fundraising capabilities. To continue supporting our STEM community, the SAME-MSP Post would like to respectfully request your help in the form of a donation. All donations will go towards helping us to achieve the goal of providing educational grants for the schools and classroom teachers who are committed in supporting the math and sciences that support future engineering-related career opportunities. Please consider [donating to the SAME-MSP Post's PayPal](#) if you can and help support the next generation of engineers. Thank you for supporting our community!

## PRESIDENT'S UPDATE

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Greetings fellow SAME members! We made it to April and to Spring here in Minnesota! I am very excited to be able to start doing more outside, especially with two young boys who would rather be playing in the mud and the sunshine than inside (although, Legos inside are still a top contender).

Thank you to those of you who were able to attend our March meeting, which was our annual joint meeting with the Minnesota Section of the American Society of Civil Engineers (ASCE). Thank you to **Tim Lamkin**, PE, ASCE-MN President, and his leadership team for a collaborative event - this meeting kicked off our three-part series focused on climate resiliency. **Chanel Mueller**, a hydraulics engineer for the U.S. Army Corps of Engineers St. Paul District, gave a terrific presentation on climate preparedness and resilience guidance, tools, and applications. Her presentation also focused on the USACE's overall policy as it relates to incorporating climate change into projects. Thank you, Chanel!

Our upcoming April meeting, scheduled for Wednesday, April 21, 2021, will be our second presentation on climate resiliency, with a focus on its integration into transportation planning and design. **Jeffrey Meek**, Sustainability Coordinator with the Minnesota Department of Transportation (MnDOT), will be our speaker. Please share this great educational opportunity with others!

And if you are planning out your May 2021 schedule, don't forget to add in our third, and final, virtual presentation in our series focused on climate resiliency, scheduled for Wednesday, May 26, 2021. We are fortunate to have **Heidi Roop**, Assistant Professor of Climate Science at the University of Minnesota, joining us to share her insight on climate science and how she helps diverse stakeholders prepare for a changing climate. This meeting will also be our annual joint meeting with the Minnesota Association of Floodplain Managers (MnAFPM). Mark your calendars!

I also want to extend my gratitude to **Allen Witt**, MSP Post Director of Resiliency, and Samuel Smith, MSP Post Technical Programs Committee Chair, for organizing this informative and engaging series. Great work, Allen and Sam!

Please note the recent change in registration for our monthly meetings—we are now using Eventbrite! A link is included in this newsletter, as well as on our website. We understand that some of our members are having difficulty accessing the Eventbrite page due to firewalls on Government or corporate computers. **If you are unable to access the Eventbrite page to register, please reach out to Dan Kvasnicka** via email at [Daniel.kvasnicka@hdrinc.com](mailto:Daniel.kvasnicka@hdrinc.com) and he can get you registered via email. We don't want you to miss out!

Finally, as many of us continue to work primarily in a virtual setting, I recommend that you also check out some of our neighboring Posts websites for additional educational and networking online opportunities. I feel this has been one of the positive changes for me as a SAME member—having the opportunity to interact with other Posts on a regular basis, without the barriers of travel and schedule constraints. Below are some links—please check them out!

- ★ Rock Island - <https://www.same.org/Get-Connected/Find-a-Post/Rock-Island>
- ★ St. Louis - <https://www.same.org/St-Louis>
- ★ Omaha - <https://www.same.org/omaha>
- ★ Denver Metro - <https://www.same.org/Denver>
- ★ Pikes Peak - <https://www.same.org/Pikes-Peak>

As always, I am honored and delighted to be your Post President. Please don't hesitate to reach out to me or our Post Board if you have any questions or concerns. We are happy to support you!

Lindsey Roberts McKenzie, PE  
2020-2021 SAME-MSP Post President  
Email: [lroberts@sehinc.com](mailto:lroberts@sehinc.com)





# 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!

- ★ Steve Alm, Hanson Professional Services
- ★ Tyler Kleinsasser




## MARCH MEETING SUMMARY

Sam Smith – U.S. Army Corps of Engineers



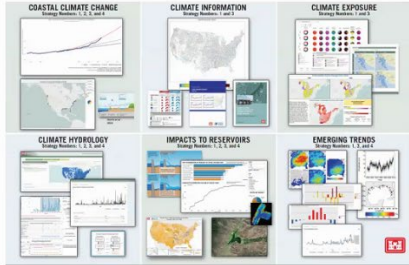
On March 17th, Chanel Mueller presented on USACE climate preparedness and resilience guidance, tools, and applications. The focus of this presentation was on the Corps' overall policy as it relates to incorporating the impacts of climate change as it relates to civil works project planning, design and management. This was a joint virtual meeting between the SAME MSP Post and the Minnesota Section of the American Society of Civil Engineers (ASCE) with over sixty individuals in attendance. The current Presidential administration has placed a lot of emphasis on the climate crisis at home and abroad which has reinvigorated climate preparedness and resilience working groups across the country.





### CONCLUSION

- USACE projects must perform under any reasonable future conditions, but climate change makes future conditions uncertain
- Supports Risk Informed Decision Making & the Incorporation of Adaptable Features
- Climate Assessments are Required in Support of **ALL** USACE Analyses
  - Pre-Construction, Engineering and Design (PED)
  - Entire Project Life Cycle



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## FUTURE CITIES UPDATE

Terry Zien – U.S. Army Corps of Engineers

Future Cities Competition conducted SAME Interviews in February 2021.

Terry Zien from the U.S. Army Corps of Engineers, Bill Holman from Stanley Group, and Allen Witt from Terracon Consultants were the judges for the three student teams who presented.

Each team was challenged by “Living on the Moon” - the students were asked to design a future lunar city and provide examples of how their city uses two moon resources to keep their citizens safe and healthy. All three student teams chose the south pole of the moon as their location and they had various ways of living facilities above ground and below ground. The winning team was *Stella Cadente* from Minneapolis’ Justice Page Middle School; *Stella Cadente* means falling star.

## CENTENNIAL CELEBRATION UPDATE: SAME AWARDS

### Jane Flewellen – Mortenson Construction

The SAME-MSP Post is celebrating its Centennial year and Phase III of the National SAME Centennial celebration. The SAME organization continues to lead collaborative efforts between government and industry to develop multi-disciplined solutions to national security infrastructure challenges. SAME has more than 100 posts and field chapters around the world, nearly 30,000 members, and is led and operated almost extensively by volunteers. This organization would not be where it is today without the dedicated efforts of our individual and sustaining members, as well as the coordinated efforts of those who serve our government, military, and public sectors. For this reason, SAME continuously emphasizes the importance of recognizing those who dedicate their time to support SAME.

SAME-MSP Post presents awards to our members for outstanding achievements in the A/E/C profession, leadership in the MSP-Post, and community volunteering to promote STEM. Our awards include the following:

- ★ Recognition of our committee leaders and Post doers.
- ★ Post awards include the Post Coin and Post Medal for outstanding leadership in Post Activities. Annually the Regional Vice President (RVP) gives out three to five coins and one to two medals recommended by the Post.
- ★ Nomination to MFESTS for outstanding achievements as a distinguished engineer or scientist and young engineer or scientist.
- ★ National SAME awards include nomination for Tudor Medal (young engineer/scientist), Fellow, and Post Service Award. The Post has also nominated student leaders in times of having a Student Chapter of SAME.

The SAME-MSP Post is blessed with wonderful leaders in the A/E/C profession that continue to promote SAME's strategic goals both in our community and in their profession. The following is a brief summary of some of the significant awards that the SAME-MSP Post members have received in the past 10 years. This is not an all-inclusive list, as the full list would be several pages long. However, it helps to represent the dedication and talent within our post. The post is so fortunate and thankful to all of our members that make SAME possible.

### NEW SAME FELLOWS:

- » Christine Afdahl, U.S. Army Corps of Engineers, St. Paul District
- » Mark Angelo, U.S. Army Corps of Engineers, St. Paul District

### POST SERVICE AWARDS/NOMINATIONS:

- » Jim Mosner (Retired), U.S. Army Corps of Engineers, St. Paul District
- » Christine Afdahl, U.S. Army Corps of Engineers, St. Paul District

### TUDOR MEDAL AWARDS/NOMINATIONS:

- » Jane Flewellen, Mortenson
- » Jon Gustafson (Honorable Mention), Stantec
- » Paul Dierking, HDR
- » Peter Allen, Stantec
- » Lindsey Roberts McKenzie, SEH

### DISTINGUISHED ENGINEER AWARDS/NOMINATIONS:

- » Jim Mosner (Retired), U.S. Army Corps of Engineers, St. Paul District
- » Tom Crump, U.S. Army Corps of Engineers, St. Paul District
- » Beth Keister, Pinnacle Engineering
- » Bill Holman, Stanley Consultants
- » Mark Angelo, U.S. Army Corps of Engineers, St. Paul District
- » Terry Zien, U.S. Army Corps of Engineers, St. Paul District
- » Chris Erickson, U.S. Army Corps of Engineers, St. Paul District

## CENTENNIAL CELEBRATION UPDATE: SAME AWARDS (Continued)

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### YOUNG SCIENCE AND TECHNOLOGY PROFESSIONAL:

- » Jon Gustafson, Stantec

### YOUNG ENGINEER:

- » Jane Flewellen, Mortenson
- » Peter Allen, Stantec
- » Rachel Pichelmann, SEH
- » Lindsey Roberts McKenzie, SEH
- » Erin Krug, U.S. Army Corps of Engineers, St. Paul District
- » Dan Kvasnicka, HDR

### RVP MEDAL AWARDS

- » Christine Afdahl, U.S. Army Corps of Engineers, St. Paul District
- » Mark Angelo, U.S. Army Corps of Engineers, St. Paul District
- » Ben Tustison, MBK Engineers
- » Tim Thoreen, HR Green
- » Chris Erickson, U.S. Army Corps of Engineers, St. Paul District
- » Jane Flewellen, Mortenson
- » Disa Wahlstrand, Ayres Associates
- » Tom Crump, U.S. Army Corps of Engineers, St. Paul District
- » Beth Keister, Pinnacle Engineering
- » Rachel Pichelmann, SEH
- » Ann Banitt, U.S. Army Corps of Engineers, St. Paul District
- » Jon Gustafson, Stantec
- » Peter Allen, Stantec
- » Wayne Wambold, SEH
- » Sherry VanDuyn, Landmark Environmental
- » Paul Dierking, HDR

The SAME-MSP Post is so excited to be celebrating our 100 Year Anniversary and invite you to join us for our Centennial Celebration Event on **May 22nd, 2021** at the Minnehaha Regional Park, Wabun Picnic Area. For more information, reference the flyer that is attached to the newsletter.

## SMALL BUSINESS CORNER

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### Sherry Van Duyn – Landmark Environmental

Mark your calendar for the 22nd Annual Small and Disadvantaged Business Opportunities Council (SADBOC) Government Procurement Fair for **Monday, April 26, 2021 through Thursday April 29, 2021**. This trade fair is intended to provide opportunities and assistance to small businesses interested in pursuing Government contracts. Like 2020, the 2021 conference will be a virtual conference over several days. Matchmaking for small businesses will be held the morning of Friday April 30, 2021. For more information on the upcoming conference, visit <https://www.eventbrite.com/e/22nd-annual-sadboc-government-procurement-virtual-training-week-tickets-145307581889?aff=erelexpmlt>



**THANK YOU!**

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

- ★ AECOM
- ★ Anderson Engineering of MN
- ★ Ayres Associates
- ★ Barr Engineering
- ★ Bergmann Associates
- ★ Burns & McDonnell
- ★ Cardno Inc.
- ★ CH2M Hill
- ★ Cushing Terrell
- ★ 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
- ★ Terracon
- ★ Weston Solutions
- ★ Wood Group

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 [svanduynd@landmarkenv.com](mailto:svanduynd@landmarkenv.com) or Dave Ausdemore at [dave@hsscience.com](mailto:dave@hsscience.com), if you would like more information on how to get involved!

