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VIRTUAL CONFERENCE: 10.21.2020

RESILIENCY PANEL DISCUSSION

0.5 PDH

The Minneapolis-Saint Paul Post of the Society of American Military Engineers is hosting a Resiliency Symposium. We hope to bring together a panel of resiliency practitioners from the Greater Twin-Cities Area who can speak to infrastructure resiliency in the face of extreme storms and other natural disasters.

Topics that will be addressed by the panel includes:

- ★ Healthier Buildings & COVID-19 Design Strategies
- ★ Response capabilities
- ★ Diversion of function
- ★ Infrastructure recovery

Panelists invited include the Emergency Managers for the following Minnesota counties: Anoka, Wright, Carver, Dakota, Ramsey, Hennepin, Washington, Chisago.

BUILD AND SUSTAIN RESILIENT COMMUNITIES

Lead efforts to prepare communities to absorb, recover, and adapt from natural and man-made threats; fortify our nation's resolve directly where people work and live.

OBJECTIVES:

- Leverage local, regional, national, and international partnerships to educate and train members and stakeholders on infrastructure risks, mitigation efforts, and joint response strategies to natural and man-made events.
- Utilize SAME's multidisciplinary network to connect and educate stakeholders on new and existing technologies and to develop solutions to problems across critical infrastructure sectors.
- Promote partnerships and collaboration supporting the needs of military installations in pursuit of mission assurance and readiness (such as energy, water, and cyber security).
- Utilize SAME's national relationships and local Posts to furnish vertical collaboration between all levels of government and private business.
- Lead collaboration to advocate for streamlined acquisition and implementation of resilience solutions.

Moderator Biography:

Allen Witt, PE, is the Director of Resiliency for the Minneapolis-Saint Paul SAME Post. He is a Senior Associate/Senior Engineer at the Terracon Consultants office in Minnesota with 70 professionals. Their nationwide staff of over 5000 employees provides Environmental, Facilities, Geotechnical and Materials services for thousands of clients each year.

Details: **Wednesday, October 21, 2020 at 11:30am-1:00pm CST**

Cost: SAME Members: FREE, Non-Members: \$5

Location: ONLINE (details to be provided in advance of the webinar by host)

RSVP: <https://www.same.org/Get-Connected/Find-a-Post/MPLS-STPL/News-Updates/Monthly-Meeting>

RECRUITING 2020-2021 VOLUNTEERS!!

Have you enjoyed participating at SAME-MSP events, but are looking to further invest yourself in the organization?

Maybe you are looking to broaden your professional network?

Or gain some invaluable leadership skills?

If so, please consider volunteering for a role within the SAME-MSP Post for 2020-2021. Below are the open opportunities:

★ **Chair of Continuing Professional Competency Committee:** We are looking for a SAME member who would be willing to help plan, coordinate, and track our Professional Development Hour programs. This position will require approximately 1 hour per month.

★ **Chair of Records and Archiving:** We are looking for a SAME member who would be willing to assist with setting up a record storage management system. This position will require approximately 1 hour per week to set up an external document management folder that will allow SAME-MSP to manage archives in an efficient and organized fashion.

If you have any questions or if you are interested in a position, please feel free to reach out to:

[Lindsey Roberts McKenzie](#), SAME-MSP President.

We would love for you to join and share your time and talent!

same.org/mpls-stpl

SAME-MSP CLASSIFIED

Mark your calendars, despite the pandemic, there are still some upcoming opportunities to get involved with the Minneapolis-Saint Paul SAME Post!

SPEAKERS NEEDED!

The SAME MSP Post is looking for engaging speakers with interesting projects/topics to present at our upcoming meetings! To protect the well-being of our members and guests, we are planning to host our monthly professional development meetings virtually through the end of 2020. So if you are comfortable with presenting on a virtual platform, please reach out to Matt Redington at matthew.redington@hdrinc.com. A short synopsis of the topic and bio(s) of the speaker(s) would also be helpful to include in your email. SAME-MSP will provide you with the virtual platform and technical behind-the-scenes support, so all you need to worry about is your presentation!

2020 MINNESOTA WATER RESOURCES CONFERENCE

The Minnesota Water Resources Conference will be a virtual format this year! Please visit <https://ccaps.umn.edu/minnesota-water-resources-conference> to stay up to date with any changes and register for your spot at the 2020 virtual conference. The revised registration rates are as follows, however please confirm on the website:

- ★ Registration: \$115
- ★ Speaker Registration: \$85
- ★ Student Registration: \$50
- ★ Vendor Registration: \$300

CONCRETE CONFERENCE

The Concrete Conference is December 3rd, 2020 and it is a virtual conference this year. This has some advantages: no travel, and easy access for everyone, not just those living in the Twin Cities. For those of you who haven't heard about this conference, it is an annual event in its 70th year; we typically have between 450 and 500 attendees. It is an all-day event. The speakers are nationally known.

For more information and to register; <https://conference.umn.edu/annual-concrete-conference>

MINNESOTA CLIMATE ADAPTATION PARTNERSHIP

Mark your calendar. The MCAP Conference will be in webinar format on January 20th, 2021. Be watching for details in the following months.

HAVE AN INTERESTING PROJECT OR NEWS 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@youngecg.com

PRESIDENT'S UPDATE

Welcome to October! I am honored and excited to be the MSP Post's newest President. Thank you to our outgoing 2019-2020 Executive Board for all your hard work this past year and enthusiasm to provide valuable programming to our members. As Vice President, I was honored to be part of such a tenacious and passionate group of leaders. A special thank you to our outgoing President, **Jane Flewellyn** and outgoing Director of Resiliency, **Matt Redington**. Jane guided our Post with her strong leadership throughout the year, and Matt was the epitome of resilience during our quick pivot to a virtual platform for our monthly programming, allowing us to still serve our members during the current COVID-19 pandemic.

I would like to extend a warm welcome to our newest Executive Board members, **David Johnson** as Vice President and **Allen Witt** as Director of Resiliency. Both have been engaged SAME members in the past and we look forward to having them serve our Post in the upcoming year.

Thank you to those who were able to join us for our September 2020 meeting. **Michelle Larson, PE, MS**, Senior Water Resources Engineer with the US Army Corps of Engineers – St. Paul District, introduced us to the District's project reconnecting fish habitat on the Sand Hill River in northwestern Minnesota. Thank you, Michelle!

The MSP Post will continue to provide monthly programming on a virtual platform through 2020. The events will be free for SAME members, and a nominal fee for non-members. PDH credits will be provided when applicable. 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.

A friendly reminder that the **2020 SAME Virtual Small Business Conference (VSBC)** is coming up November 4 through 6, 2020. The conference is offering some unique opportunities, including first-time attendees a mentor to help navigate the conference, as well as coordinated one-on-one virtual networking between businesses (both can be signed up for at registration).

Enjoy the beautiful fall weather and I look forward to an exciting and engaging year!

Lindsey Roberts McKenzie, PE
2020-2021 SAME-MSP Post President
Email: lroberts@sehinc.com

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. In order 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.

Thank you for supporting our community!
SAME-MSP Post

https://www.paypal.com/cgi-bin/webscr?cmd=_donations&business=samemsp.treasurer%40gmail.com&item_name=Donations+will+go+towards+Education+Grants+for+schools.¤cy_code=USD

THANK YOU, VOLUNTEERS!

Thank you to all our volunteers this year! It was a trying year, getting ready for many events that had to be canceled because of the pandemic. However, many great things still happened including several online technical meetings, planning for the Centennial Celebration for next year, judging the Future Cities Competition, handing out money to two schools for STEM education, awarding scholarships to two college students and keeping everyone informed and connected with the newsletter, emails, and website updates. Please join us in saying a big **THANK YOU** to all of our 2019-2020 committee chairs and volunteers!

Committee	Chair/Volunteers	Company
Awards Committee	Sherry Van Duyn Jane Flewellen, Lindsey Roberts McKenzie	Landmark Environmental
Centennial Celebration	Peter Allen Chris Erickson, Kenton Spading, Jon Gustafson, Jane Flewellen	Stantec
Education Grant Committee	Chris Erickson Sam Smith, Dan Kvasnicka	USACE
Future Cities Competition	Peter Allen and Nate Meisgeier Wayne Wambold, Erin Krug, Terry Zien, Kendra Eull	Stantec and USACE
Golf Tournament & Industry Day	Rachel Pichelmann Chris Afdahl	SEH, Inc. USACE
Habitat for Humanity	Kenton Spading	Criterium-Schimnowski Engineers
MFESTS Liaison	Paul Dierking	HDR, Inc.
NCO Liaison	Brian Lintonen	829 Vertical Engineers
Outgoing Board Members	Jane Flewellen Matt Redington	Mortenson Construction HDR, Inc.
SAME STEM Camps	Erin Krug	USACE
Scholarship Committee	Erin Krug Mike Knoff, Anthony Levine, Travis Burrier, Paul Dierking, Rachel Pichelmann, Mark Angelo	USACE
School Liaisons	Rachel Pichelmann/Sibley East Elementary Kevin Wilson/Dassel Cokato Middle School	SEH, Inc. USACE
Small Business Liaison	Sherry Van Duyn	Landmark Environmental
Streamer Awards	Wayne Wambold	SEH, Inc.
Technical Presentation	Matt Redington Michelle Larson	HDR, Inc. USACE
Website & Newsletters	Katy Thompson	Young Environmental Consulting Group, LLC
Young Members Programs	Travis Burrier	USACE

MONTHLY CENTENNIAL CELEBRATION UPDATE: EDUCATIONAL GRANT PROGRAM

A bunch of engineer SAME board members sitting in a conference room, asking, “How do we reach and support our young people at a younger age?” This discussion topic was followed by “Hmmm, perplexed looks, hmmm, good question, hmmm, I like the concept, hmmm, anyone have a good idea?, hmmm, let’s think about this and talk later.” Later that evening one of the perplexed engineers in the meeting shared this scenario with his wife, who happened to be a public school educator, and she promptly and wisely responded, “Hey Dummy – Why don’t you start a grant program?” BRILLIANT! The concept of the twelve years of SAME educational grant program was born while standing in the kitchen washing dishes in the fall of 2008.

Program by the Numbers:

2009: Program Started

0 -12: Grades Benefitted

38: Grant Recipients

81,226: Dollars Awarded

9,454: Youth Impacted

This year as part of our Centennial Celebration we recognize the success of our educational grant program. Over the years we have had the chance to support grades kindergarten through 12th grade with projects ranging from rain gardens, weather stations, robotics, even bringing in a mobile planetarium into one school for young people to learn, enjoy and explore. On April 27, 2009, we awarded our first grant to an elementary school in White Bear Lake, MN. Do you realize that some of these young people may now be graduating with math and science degrees starting their professional careers in our agencies and organizations?

Our annual educational grant program offers educational grants for up to \$3,000.00 to elementary and secondary schools within a 100-mile radius of Saint Paul, Minnesota, supporting the fundamental goal “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.” Proposed grants are evaluated on:

- ★ Creativity and quality of proposed project,
- ★ Demonstrated demand or need for the project, and
- ★ Support of the Minnesota or Wisconsin math and/or science academic standards.

This program like many of our SAME programs are a result of fundraisers, member support, and sponsoring regional and national SAME conferences over the years. But most importantly, it has been a success as a result of the time and effort donated by many to support this noble and worthy cause. If you want to support our SAME chapter to continue these great programs, donations are always welcome.



Above: Mark Angelo awarding our FIRST educational Grant on April 27, 2009 to Ms Erin Maas, Willow Lane Elementary School, White Bear Lake, MN.

Below: Students enjoying the outdoor educational classroom in which our Educational Grants supported in 2018 and 2019. Otter Lake Elementary School.



APPLY FOR SAME'S LEADER DEVELOPMENT PROGRAM

The application process for SAME's third Leader Development Program class will open October 2 and close December 7, 2020. Applications must be submitted electronically through a Post President. The class will be announced in February 2021.

SAME's first Leader Development Program class began at the 2019 JETC in Tampa and graduated in August 2020 in a virtual ceremony. The second class began its year-long program in May 2020 is slated to graduate next year at the 2021 JETC in Portland, Oregon.

Developed through support from the SAME Foundation, the Leader Development Program seeks to cultivate talent from within the membership to help support the development of the next generation of military, government, and industry leaders for our country, our profession, and our Society.

Learn more about the program at www.same.org/ldp

LOOKING FOR MCAP AWARD NOMINATIONS!

The MCAP Award Committee recognizes and celebrates exceptional achievements in leadership, education, research, policies, and practices that improve resilience and develop, advance, or implement climate adaptation strategies. MCAP presents awards for Individual, Business, Organization and Partnership awards. Do you know someone or a group deserving of a nomination? Nominations are due October 16th: <https://www.wrc.umn.edu/news-events/climateadaptationconference>

MCAP is holding monthly climate-related webinars through the UofMN College of Food, Agriculture, and Natural Resources Sci (CFANS): <https://cfans.umn.edu/events/mcap-october-2020-webinar>

The next webinar will be held on October 28th from 12-1:00PM - The topic is **Planetary Health and Climate Change** by Dr. Teddie Potter, Clinical Professor, the Specialty Coordinator of the Doctor of Nursing Practice in Health Innovation and Leadership, and the Director of Planetary Health at the University of Minnesota School of Nursing.

Subscribe to the email list at this link: <http://eepurl.com/dFAeJ9>

2020 SAME DAY AND CENTENNIAL CELEBRATION

Announcing the Centennial Celebration Webpage on the MSP Post's website! Here you will find the past monthly celebration articles. This is also where you will find information about our Centennial Celebration event that is scheduled for Spring 2021. Go to <https://www.same.org/mpls-stpl/centennial-celebration> to find out more!

If you are interested in presenting on a topic of interest, becoming a sponsor for the event, or becoming involved in the effort, please feel free to reach out to [Peter Allen](#) for additional information.



JOB NOTICES

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 or at (651) 290-5571.

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 svanduyn@landmarkenv.com, Dave Ausdemore at dave@hsscsciences.com, or Katy Thompson at katy@youngecg.com if you would like more information on how to get involved!

SMALL BUSINESS CORNER



Attend the **Virtual Federal Small Business Conference** on **November 4-6, 2020**

Join over 3,500 attendees for the biggest and best event of the year! Enjoy three jam-packed days where SAME connects you to federal government decision makers, contracting officers, and small business liaison officers-including 50+ sessions, keynote speakers, business briefings, and countless networking opportunities.

Check out the Schedule-At-A-Glance website to see the variety of sessions that are offered throughout the conference: <https://www.samesbc.org/schedule-at-a-glance.cfm>

We hope that you can attend!

