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VIRTUAL MEETING: 01.20.2021

Fargo-Moorhead Metropolitan Area Flood Risk Management Project 0.5 PDH

The purpose of the Fargo-Moorhead (FM) Metropolitan Area Flood Risk Management project is to reduce flood risk and damages resulting from flood events in the Fargo-Moorhead Metropolitan Area. The metropolitan area is approximately 600 square miles, encompasses several smaller communities, and has a population of approximately 200,000 people. The \$2.8 billion project consists of a 30-mile-long diversion channel, a 20-mile Southern Embankment with three large, gated structures (on the Wild Rice River, Red River of the North, and at the entrance to the Diversion Channel), upstream staging of floodwaters, and in-town levee/floodwall features. The presentation will include an update on the federal design and construction of the Southern Embankment portion of the project and the design and construction of the Diversion Channel by the FM Diversion Authority using a Public-Private-Partnership.

Presenter Biography:

Terry Williams currently serves as the program manager for the Fargo-Moorhead Metropolitan Area Flood Risk Management Project and has been involved with the project since 2010. Within the U.S. Army Corps of Engineers St. Paul District, Williams has served as project manager for the Wahpeton, North Dakota/ Breckenridge, Minnesota; Portage, Wisconsin; and Grafton, North Dakota, Flood Control Projects, as well as the Lock and Dam 3 Embankment and Guidewall design/build projects. Previously, she worked as a specification/cost engineer, site layout engineer and in construction. Williams has worked for the U.S. Army Corps of Engineers since 1986 after graduating from the University of North Dakota with a Bachelor of Science degree in civil engineering. She and her husband Brian are native North Dakotans and together with their three grown daughters, enjoy all activities the region has to offer including fishing, hunting, and spending time at the lake.



Details: Wednesday, January 20, 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-january-post-meeting-tickets-135704641235>

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 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/mppls-stpl](https://www.same.org/mppls-stpl)

Connect with us!



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



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

SAME-MSP CLASSIFIED

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

MINNESOTA CLIMATE ADAPTATION PARTNERSHIP (MCAP) CONFERENCE

Mark your calendar, the MCAP Conference will be in webinar format on January 20, 2021. Registration for the conference is now open at:

<https://learning.umn.edu/portal/events/reg/participantTypeSelection.do?method=load&&entityId=26310311>

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.

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

PRESIDENT'S UPDATE

Welcome to 2021 - I hope you all had a happy and healthy holiday season! I am excited to be entering a new year with optimism, hope, and the glow of returning to normalcy on the horizon (albeit, with some significant pivots).

Thank you to those who were able to join us for our December 2020 meeting. We were fortunate enough to have **Clay Tallman**, a Project Manager with the U.S. Army Corps of Engineers, present on his experience working on the Yongsan Relocation Project, a \$10.7B project located in South Korea. Clay not only introduced us to the project, but also walked us through his and his family's experience living in South Korea. We appreciated the personal insight, as well as Clay's time and flexibility to present on a virtual platform. **Thank you, Clay!**

I hope you will be able to join us for our January 2021 meeting, which will feature **Terry Williams**, a Program Manager with the U.S. Army Corps of Engineers. Terry will be presenting on the progress of the Fargo-Moorhead Flood Risk Management Project. 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.

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, either through the link included in our newsletter or on our website. 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 continues to grow and we are looking for some assistance in a critical role that helps to keep the post operational. Please consider getting more involved with SAME. Additional details regarding this volunteer opportunity with our post are as follows:

- ★ **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 one (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, as well as sort through our previous records for proper filing within the new system.

Please consider donating your time and talent to the Post – we would greatly appreciate it!

Finally, I would like to welcome our newest member to the Post leadership team – **W. Paul Waters!** Paul has graciously volunteered to take on the role of the Chair of Continuing Professional Competency Committee, starting in January 2021. He will be responsible for planning and executing the professional development hours for our programs, including tracking attendee's participation, and sending out certificates. **Thank you, Paul!**

Happy New Year!

Lindsey Roberts McKenzie, PE
2020-2021 SAME-MSP Post President
Email: 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!

- ★ **Brian Koenig, The Whiting-Turner Contracting Company**



SAME ACADEMY OF FELLOWS

Christine Afdahl and Mark Angelo – U.S. Army Corps of Engineers

The SAME Academy of Fellows recognizes its members who have rendered dedicated and outstanding service to the Society, military engineering, and the Architectural, Engineering and Construction (A/E/C) professions. SAME has bestowed the title of Fellow on select members since 1972. However, in 1995 an academy was founded to formally acknowledge these distinguished individuals for their dedication to SAME and the A/E/C profession. Today, there are more than 800 members of the Academy of Fellows, including 13 members of the Minneapolis/St. Paul (MSP) Post, shown below.

SAME's constitution had defined the basic qualifications to be a Fellow as follows:

- ★ Persons who have rendered dedicated and outstanding service to SAME and to the engineering profession.
- ★ Nominees shall have been a member of SAME for a minimum of 10 years.
- ★ All fellows shall be members currently in good standing in The Society.

Being recognized as a SAME Fellow is one of the highest SAME awards. But what does it really mean to be a Fellow? Generally, Fellows are patriotic and respectful; more broadly, they support SAME's mission, strategic plan, and SAME Posts around the country. Specifically, Fellows are bestowed the honor of being role models and mentors. Fellows help develop and encourage future A/E/C professionals and leaders. Fellows continually seek opportunities to do so through education, training and sharing our experiences. It truly is an honor.

Being named a Fellow is not meant to be a lifetime achievement award; the role of an SAME Fellow is to continue to be a leader of SAME. Fellows are committed to actively engage in carrying out the SAME mission, support their Posts, and to mentor members of SAME into leadership of the Society and, hopefully, to join the ranks of the Academy of Fellows.

The nomination and application process for Fellows starts in July each year. For more information on the Academy of Fellows and the nomination and application process see: <https://www.same.org/fellows>

MSP Post Fellows:

- ★ Mark Angelo, PE, PMP - 2020
- ★ Chris Afdahl, PE - 2012
- ★ J. Craig Johnson, PE - 2008
- ★ James Bakken, PE - 2007
- ★ Daniel Miller, PE - 2005
- ★ James Mosner, PE - 2003
- ★ Joan Freitag - 2002
- ★ William Dunlop, PE - 2001
- ★ Bob Post (Deceased) - 2000
- ★ George Fortune (Deceased) - 1998
- ★ Dudley Hanson, PE - 1998
- ★ Lynn Pruitt, PE - 1998
- ★ Roger Baldwin, PE - prior to 1995

2021 SAME DAY AND CENTENNIAL CELEBRATION

Peter Allen - Stantec

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.



SAME-MSP CONTINUING PROFESSIONAL COMPETENCY CHAIR CHANGING

Ann Banitt – U.S. Army Corps of Engineers, St. Paul District



As the new MSP Post Board gets into its new groove, we welcome our new Chair of Continuing Professional Competency Committee for 2021! **W. Paul Waters** is an Architect with Burns & McDonnell serving as a Project Manager in the companies Aviation & Federal Division. Paul graduated with an Architectural degree from the University of New Mexico. He has over 30 years' experience designing and managing Federal, Aviation, Commercial and Industrial projects. Paul has been a member of SAME for over 24 years and just completed a term as President of the Albuquerque Post. Paul lives in Hopkins with his wife Heidi and looks forward to supporting the MSP Post and its members.

2021 SAME EDUCATION GRANTS!

Chris Erickson – U.S. Army Corps of Engineers, St. Paul District

The 2021 Education Grant Application Forms are now available on the [STEM Outreach](#) page of the web site, as well as via the contacts below. The SAME Minneapolis-Saint Paul Post is offering educational grants for up to \$3,000 for elementary and secondary schools for the upcoming 2020-2021 school year. Our fundamental goal of SAME is to “Promote and understanding of, and appreciation for, the engineering-related disciplines and to help the young people in our communities become better prepared to become our future engineers.”

The Minneapolis-Saint Paul Post is requesting applications from schools and classroom teachers who are:

- ★ Committed to supporting the math and sciences that support future engineering-related career opportunities; and
- ★ Located within a 100-mile radius of Saint Paul, Minnesota.

Applications will be reviewed on the following criteria:

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



Application documents may also be downloaded from the SAME website here:

- ★ [PDF Application](#)
- ★ [MS Word Application](#)

The deadline for submitting scholarship applications is **Friday, April 2nd, 2021**. For additional information or to request the application forms directly, please contact [Chris Erickson](#).

To see previous winners and examples of the projects funded, a listing of historical grants is available on our [Grants for Educators](#) webpage here:

https://www.same.org/Portals/0/DNNGalleryPro/uploads/2021/1/5/Summary_Awarded_Educational_Grants_2009-2020.pdf

POST SCHOLARSHIP APPLICATIONS AVAILABLE

Erin Krug – U.S. Army Corps of Engineers, St. Paul District

The 2021 Scholarship Application Forms are now available on the [STEM Outreach](#) 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 \$1,500 scholarships and one (1) \$1,500 multi-year scholarship. The deadline for submitting scholarship applications is **Friday, April 2nd, 2021**.

If you know someone who is deserving of a scholarship, please urge the young person to apply for one the Post's scholarships. Applicants are rated in a number of 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 or 651.290.5576. Scholarship Application Packages can be downloaded from the Post's website at: <https://www.same.org/Get-Connected/Find-a-Post/MPLS-STPL/STEM-Outreach/Post-Scholarships>

POST SCHOLARSHIP VOLUNTEERS NEEDED!

Erin Krug – U.S. Army Corps of Engineers, St. Paul District

The Post Scholarship Review Committee is looking for four new committee members starting in 2021. The Post Scholarship Review Committee members typically hold three-year terms and review scholarship applications in mid-April every year. The estimated annual commitment is between 5 and 20 hours depending on how applications are received. Contact Erin Krug at Erin.E.Krug@usace.army.mil or 651.290.5576 for more information on joining this fulfilling committee!



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 or Dave Ausdemore at dave@hsscsciences.com, if you would like more information on how to get involved!

