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## SAME-MSP BOARD MEMBERS:

### President

Jane Flewellen  
*Mortenson Construction*

### Vice President

Lindsey Roberts McKenzie  
*SEH*

### Jr. Vice President

Erin Krug  
*U.S. Army Corps of Engineers*

### Secretary

Dan Kvasnicka  
*HDR*

### Treasurer

Cora Núñez Orta  
*U.S. Army Corps of Engineers*

### Past President

Paul Dierking  
*HDR*

### Directors

Dave Ausdemore  
Ann Banitt  
Matt Redington  
Katy Thompson

## VIRTUAL CONFERENCE: 09.30.2020

### RECONNECTING FISH HABITAT ON THE SAND HILL RIVER

1.0 PDH

Michelle Larson, PE, MS | U.S. Army Corps of Engineers, St. Paul District

Fish passage and connectivity of fish habitat is an issue for streams that have grade control structures or dams. The Sand Hill River in northern Minnesota is a tributary to the Red River of the North (RRN). The Sand Hill River had four drop structures for grade control from a US Army Corps of Engineers channel straightening project constructed in the 1950s near Beltrami, MN. Drop structures act as low-head dams and block the migration of RRN fish to their spawning habitat in the headwaters of the tributaries. Often a rock rapids fishway can be constructed across the low-head dam. The narrow channel at the existing drop structures required modifications to lower velocities enough for fish passage at the rock rapids fishways. Through the Section 1135 Program, construction of rock rapids fishways at each drop structure in 2017 has reconnected the substantial spawning and rearing habitat in the upstream Sand Hill River to the downstream reaches of the Sand Hill River and the RRN. The rock rapids fishways has also reduced erosion compared to the drop structures.

The construction of the fishways complements the Sand Hill River Grade Stabilization Project by the Sand Hill River Watershed District, which constructed about 16 rock riffles for stabilization of the channel grade and improved fish habitat. The synergy of the two projects together has greatly improved fish habitat connectivity and water quality in the river. This presentation will cover the pre-project conditions, design parameters, hydraulic modeling using HEC-RAS, construction phase, post 2019 flooding, and current conditions of the fishways project.

### Speaker Biography:

**Ms. Larson** is a Water Resources Engineer with 22 years of experience in River Engineering, Fluvial Geomorphology, Sediment Transport, Shoreline Stabilization, Flood Risk Management, Navigation, Fish Passage, Environmental Restoration, Dredge Material Management and Multi-Dimensional Hydrodynamic Modeling. She is a recognized "go-to" person for all types of hydraulics projects and knowledge of the Souris River Basin in North Dakota, and Saskatchewan, Canada. She has extensive experience working with international, federal, tribal, state and local organizations in support of all of her projects.

**Details:** Wednesday, September 30, 2020 at 11:30am-1:00pm

**Cost:** SAME Members: \$15, Non-Members: \$20

**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**
- ★ **Chair of Records and Archiving**

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

[Jane Flewellen](#), current SAME-MSP President, or

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

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

[same.org/mpls-stpl](https://www.same.org/mpls-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 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 Director Matt Redington at [matthew.redington@hdrinc.com](mailto: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!

### NATIONAL SMALL BUSINESS WEEK 2020

This year's theme is *Recovery, Adaptation, and Innovation* and will be held virtually on September 22-24, 2020. For more information, please visit: <https://www.sba.gov/national-small-business-week>

### 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 before 9/30/20: \$85
- ★ Registration after 9/30/20: \$115
- ★ Speaker Registration: \$85
- ★ Student Registration before 9/30/20: \$25
- ★ Student Registration after 9/30/20: \$50
- ★ Vendor Registration: \$300

### 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](mailto:katy@youngecg.com)

## PRESIDENT'S UPDATE

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We had a really informative and interesting presentation from **Scott Snelling** this past month on the Collapse of the Innovative FIU Pedestrian Bridge. So, thank you for all of those who were able to attend. We are planning to meet virtually again this next month. During this next meeting, we plan to bring on new leadership, pending approval by membership. Please consider attending this next session to welcome new board members who will be taking leadership positions for this upcoming 2020-2021 year. This newsletter provides our recommendations for the new board. Please review and feel free to provide feedback to us. I ask that you reach out to **Lindsey Roberts-McKenzie**, or me via email or phone if you do not concur with the proposed slate prior to September 18th.

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

- ★ Katy Thompson, Young Environmental Consulting Group
- ★ Tyler Kaebisch, Ayres Associates



## 2020 SCHOLARSHIP RECIPIENTS ANNOUNCED!

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The Minneapolis-St. Paul SAME Post Scholarship Committee is proud to announce the 2020 scholarship recipients. From a field filled with worthy and qualified candidates, the selection committee recommended awarding a one-time \$1,500 scholarship and one 4-year renewable scholarship at \$1,500 per year, or \$6,000 total. Congratulations to these very deserving students!

### One-Time \$1,500 Scholarship Winner:

**Alexander Litts** – Alexander recently graduated from Benilde – St. Margaret's High School in St. Louis Park, MN, where he was active in musical and athletic pursuits. He has also attended the SAME Engineering and Construction Camp at Scott Air Force Base in 2019. Alexander will be attending Wabash College majoring in Chemistry.

### Four-Year Renewable Scholarship (\$1,500/year) Winner:

**Grace Ledvina** – Grace recently graduated from the Minnesota Math and Science Academy in Woodbury, MN, where she was involved in a wide variety of activities including volleyball, choir, theater, and robotics. Grace will be attending Iowa State University majoring in Chemical Engineering/Bio Chemistry.

This year we are also working to setup sponsoring/mentoring of scholarship recipients throughout their college careers. Please contact Erin Krug ([erin.e.krug@usace.army.mil](mailto:erin.e.krug@usace.army.mil) or 651.290.5576) if interested in serving as a sponsor/mentor.

A big thank you to the entire Post for your help in empowering our youth who are passionate about engineering and science!

**Please join us in congratulating these very deserving students!**

## Post Board of Directors for 2020-2021

### Post President

Lindsey Roberts McKenzie  
(SEH)

### Client Development Manager

David Johnson  
(Houston Engineering)

### Junior Vice President

Erin Krug  
(USACE)

### Secretary

Daniel Kvasnicka  
(HDR)

### Treasurer

Cora Nunez Orta  
(USACE)

### Director

Ann Banitt  
(USACE)

### Director

Dave Ausdemore  
(Health Systems Sciences)

### Director

Katy Thompson  
(Young Environmental Consulting Group, LLC)

### Director

Allen Witt  
(Terracon)

### Past President

Jane Flewollen  
(Mortenson)

## Post Board of Directors for 2019-2020

### Post President

Jane Flewollen  
(Mortenson)

### Vice President

Lindsey Roberts McKenzie  
(SEH)

### Junior Vice President

Erin Krug  
(USACE)

### Secretary

Daniel Kvasnicka  
(HDR)

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### Director

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(HDR)

### Past President

Paul Dierking  
(HDR)

## 2020 SAME DAY AND CENTENNIAL CELEBRATION

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Due to current sentiment regarding the risk of exposure to COVID-19, the Centennial task force planning committee has decided to postpone the Centennial Celebration until April/May 2021. The good news is that we can celebrate both, the SAME National Centennial as well as the SAME Minneapolis-St. Paul Post Centennial during this event. The board is hoping that by moving the date out, it will help alleviate the concern that many members may have over attending a group event at this time and allow for a larger celebration during the spring of next year. We will continue to provide more information in the upcoming newsletters and hope that you will all join us to celebrate next year.



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.

## MONTHLY CENTENNIAL CELEBRATION UPDATE: SCHOLARSHIP PROGRAM & ANNUAL GOLF TOURNAMENT

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The Minneapolis-St. Paul (MSP) Post has a long-standing tradition of hosting an annual, local golf tournament, and using the funds raised to award college scholarships. This tradition began in 1985 and continued for 34 years until this year when the annual golf tournament was cancelled due to concerns for health and safety related to COVID-19. Records from past golf tournaments indicate that as many as 123 golfers participated in the Post's annual tournament, and the venue varied throughout the years from the University of Minnesota Golf Course to Oak Marsh Golf Course to Topgolf.

The Post's annual tournament offers more than just 18 holes of golf for participants; this event also has included a networking dinner and golf awards ceremony since its inception. In addition, recent tournaments have been combined with a Post Industry Day where technical presentations and ethics training has been provided in the morning prior to the golf event. In 2019, the event also included the Post awards ceremony. Considering all of this, the MSP Post's annual golf tournament has provided numerous networking and educational opportunities to Post members and their colleagues.

To highlight one of most memorable shots in our post tournament history, was on 23 July 1991, when Bob Struve of Twin City Testing, hit a **hole-in-one** on the 144 yard, 17th hole at the University of Minnesota golf course with a 4 iron. The ball reportedly went into the cup without hitting the green! I wonder if this was Bob's most memorable shot?

Much of the financial success of the MSP Post's golf tournament is attributed to the event sponsorships provided by generous donors. SAME Sustaining Member Firms have supported the event every year by sponsoring holes on the golf course, bays at Topgolf, and even a "hole-in-one" contest. Because of their contributions, and the participation of the golfers, **the MSP Post of SAME has been able to award \$82,500 in college scholarships since 2010, with those funds being distributed to 32 recipients. Thank you (again) to all of our generous donors!**

At this time, the MSP Post of SAME is anticipating hosting the next golf tournament in conjunction with the Post's Centennial Celebration in April/May 2021. We are looking forward to seeing you there!



2014 Golf Tournament participants having fun on the course



Scholarship recipients receiving their awards at the 2016 Post Golf Tournament

## JOB NOTICES

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**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!

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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
- ★ 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), Dave Ausdemore at [dave@hsscience.com](mailto:dave@hsscience.com), or Katy Thompson at [katy@youngceg.com](mailto:katy@youngceg.com) if you would like more information on how to get involved!

## SMALL BUSINESS CORNER

Join us for our monthly meeting of the **SAME Small Business Community of Interest's Steering Committee** every 4th Friday of the month at 12:30 PM ET.

Education opportunities are also available, including the following

- ★ **HUBZone Contractors Council Small Business Week – Virtual**  
**September 8-11, 2020**
- ★ **Asserting and Defending Bid Protests – Virtual**  
**September 15, 2020 at 12 EST**

To register and get more details on the above events, please visit <https://www.same.org/Small-Business-Community>

