

## PRESIDENT'S MESSAGE

Dear St. Louis Post Members,

Happy Summer to all! It seems most everyone is enjoying a summer with less COVID restrictions and taking those much-needed vacations that were put on hold last year. I hope you're enjoying yourselves, while still taking necessary precautions.

We had a great presentation in June, as Jasen Brown with USACE St. Louis District spoke again on the UMR program, but this time focusing on the middle Mississippi and the three projects there. Our July meeting will still take place in the virtual format on Thursday, July 15. We have a very interesting program scheduled on building in challenging conditions. Further details are in this newsletter, we hope to "see" you then. The really exciting news is, at this time, we are planning our August meeting in person! So, please make plans to join us in celebrating our scholarship recipients on August 19 for lunch. Many of your firms, through sponsorship of our annual golf tournament, have contributed to the continuing education of our future engineers. Please join us as we learn of their future plans and wish them well.



We are beginning to plan the next Midwest Levee Conference. For those of you who may not know about this conference, historically SAME St. Louis Post, SAME Scott Field Post and ASCE St. Louis Section have jointly planned this conference located in St. Louis. The conference had taken place every two years, but the last one was in 2014. Time to get this back on track. Tentative plans are for September 2022. This is a full conference taking place over a few days with numerous educational sessions presented by folks in the industry. An exhibit hall and ice breakers round out the conference. So, all hands on deck! An endeavor of this size requires a lot of help. We are looking for volunteers to assist, so please let us know how you would like to help.

Our Centennial Celebration is a go for September 9, 2021, at the World's Fair Pavilion in Forest Park! I can't think of a more beautiful venue to celebrate 100 years as a Society and a Post. Please plan to attend. We are truly excited about seeing all our members that have participated in the St. Louis Post throughout the years.

As always, please reach out to me or any of our officers with questions or comments regarding Post activities. We look forward to hearing from you and are looking forward to seeing all in person.

*Pam Hobbs*

Pam Hobbs  
President, St. Louis Post

***SAME MISSION: "To lead collaborative efforts to identify and resolve national security infrastructure-related challenges."***

## MEETING ANNOUNCEMENT

### Luncheon Meeting

## “Honoring the Final Repose of America’s Veterans: Karst Mitigation at Jefferson Barracks National Cemetery”

Date / Time:

July 15, 2021

1:00 p.m. – 2:00 p.m. CDT

Cost:

Free

Location:

Virtual

### Program Details

**Speaker Bio: Chris J. Redell, MVD Regional Technical Specialist for USACE St. Louis District.** Mr. Chris Redell began his career with the U.S. Army Corps of Engineers, St. Louis District in 2010. He currently works as a Geotechnical Design Engineer in the Geotechnical Branch and was recently selected as the newest regional technical specialist within MVD. His work includes a broad spectrum of Geotechnical Engineering related to exploration, lab testing, design, construction, and evaluation. He has been involved in designing and/or managing over 60+ flood-risk management and navigation projects including levee design, advanced modeling efforts, construction oversight, periodic inspections, risk assessments, and flood risk reduction measures. Chris holds a Bachelor’s degree and dual Master’s degrees in Civil and Geological engineering from Missouri University of Science and Technology. He is a registered Professional Engineer in the State of Missouri.

**Presentation: Honoring the Final Repose of America’s Veterans: Karst Mitigation at Jefferson Barracks National Cemetery.** Jefferson Barracks National Cemetery has been serving as the final resting place of soldiers, sailors, air men and women, and veterans since the United States Civil War ended. It was established as a National Cemetery in 1866. The location also served as a military barracks and supply center beginning in 1826 with an excellent view from atop the bluffs of the Mississippi River. Underneath many graves and structures lies a plethora of karst geomorphology. Sinkholes pockmark the landscape with solutioned fractures conveying water into the subsurface or providing a path to rise from below. As the Nation’s veteran population ages, cemetery space is at a premium and is projected to fill by 2023. The Veterans Administration sought to maximize space by constructing columbaria and crypts. These structures will be the home for the resting soldiers for eternity and must keep their remains safe. To do so, the karst bedrock with its solutioned cavities and sinks, must be treated to either prevent, manage, or modify the flow of groundwater and prevent collapse or settlement through shrink/swell of the clay residuum and fill soil profile. Geophysics and strategically placed conventional borings and cone penetrometer test (CPT) soundings were used to identify possible karst features and aid designers in creating a resting place within minimal geologic impacts. These features were found, exposed, and treated during construction. This presentation will discuss the geology of the site, the investigation methods used to locate the karst features, the remedies designers planned to mitigate hazards, and the treatment of the bedrock during construction to help protect the final repose of honored veterans.

### LOGIN HERE:

Join on your computer or mobile app: [Click here to join the meeting](#)

Or call in (audio only): +1 630-765-5138,,884618879# United States, Aurora

Phone Conference ID: 884 618 879#

[Find a local number](#) | [Reset PIN](#)

## CALENDAR OF EVENTS



**July 15<sup>th</sup> – Luncheon Meeting (Virtual)**  
**Aug. 19<sup>th</sup> – Luncheon Meeting (In-Person)**  
**Sept. 9<sup>th</sup> – Centennial Celebration Happy Hour – SAVE THE DATE!**  
**Oct. 1<sup>st</sup> – SAME Golf Tournament – SAVE THE DATE!**  
**Nov 12<sup>th</sup> – Veterans Benefit Trivia Night – SAVE THE DATE!**

### JULY 15<sup>th</sup> – LUNCHEON MEETING

Date: Thursday, July 15, 2021

Time: 1:00 p.m. – 2:00 p.m. CDT

Where: Virtual

Cost: Free Virtual Event

Description: Come join us for a presentation on the Karst Mitigation at Jefferson Barracks National Cemetery presented by Chris Redell, USACE St. Louis MVD Regional Technical Specialist.

### AUGUST 19<sup>th</sup> – LUNCHEON MEETING

Date: Thursday, August 19, 2021

Time: 11:30 a.m. Networking; 12:00 p.m. – 1:00 p.m. Meeting

Where: The Engineering Center of St. Louis  
4359 Lindell Blvd, St. Louis, MO 63108

Cost: TBD

Description: Presentation of awards to our Education and Mentoring Scholarship recipients.

### SEPTEMBER 9<sup>th</sup> – SAME CENTENNIAL CELEBRATION HAPPY HOUR

Date: Wednesday, September 9, 2021

Time: 4:00 p.m. – 7:00 p.m.

Where: World's Fair Pavilion in Forest Park  
1904 Concourse Dr, St. Louis, MO

Cost Per Person: There will be a cover charge. Cost is TBD.

**SAVE THE DATE!** Join us for heavy appetizers, an open bar, and DJ. Members and spouses are welcome. Dress is nice business casual.

### OCTOBER 1<sup>st</sup> – SAME GOLF TOURNAMENT

Date: Friday, October 1, 2021

Time: TBD

Where: Forest Park

Cost: TBD

Cost Per Person: TBD

**SAVE THE DATE!**

### NOVEMBER 12<sup>th</sup> – VETERANS BENEFIT TRIVIA NIGHT

Date: Friday, November 12, 2021

**SAVE THE DATE!**

## CAREERS

### U.S. Navy Reserve

**US Navy Reserve** – The Navy has openings for Civil Engineer Corps (CEC) and Engineering Duty Officer (EDO) Reserve Officers, among others. Please contact LT Jack Ramage in charge of Officer Production for the Talent Acquisition Onboarding Center St. Louis.

**CONTACT: LT JACK RAMAGE –**  
**JOHN.L.RAMAGE@NAVY.MIL** or C: 314-610-4005

### VETERANS CURATION PROGRAM (VCP)

The Veterans Curation Program is re-open. The Program is now accepting applications for the Summer 2021 session. Please visit the site for more information and to download an application. Currently, all satellite VCP labs are operated on-site at university campuses.

Visit [www.VeteransCurationProgram.org](http://www.VeteransCurationProgram.org) to learn more about the Program and download an application.

## DID YOU KNOW?

### SAME NATIONAL

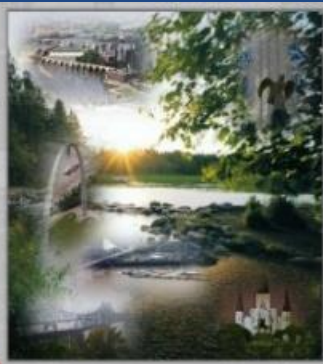
Be sure to visit SAME National Calendar of Events to stay up to date on free webinars and national programs! You can find more information [here!](#)

### COMMITTEE MEMBERS

If you are interested in supporting a Committee or Board position, we are always looking for volunteers. Contact President, Pam Hobbs for more information!

### ST. LOUIS DISTRICT (MVS) VIRTUAL INDUSTRY DAY

10 February 2021  
8:00 – 4:00 pm



### USACE St. Louis District Industry Day

The virtual industry day event was held on Feb 10, 2021. All presentations and materials can be found [HERE](#).



## MEMBERSHIP

### WELCOME TO NEW MEMBERS!

Christopher Schmidt – Force Elegance  
 Chris McDonald – B&N Inspection and Supply  
 Tom Cissell – Oates Associates, Inc.

Jim Schug – Ben Hur Construction  
 John Kelton – Benham Design, LLC

### Sustaining Members

AECOM  
 Aerial Services, Inc.  
 Alberici Constructors, Inc.  
 Benham Design, LLC  
 B&N Inspection and Supply  
 Ben Hur Construction  
 Cabrera Services Inc.  
 CDG Engineers, Inc.  
 Crawford, Murphy, & Tilly, Inc.  
 CTI and Associates, Inc.  
 Envirocon, Inc.  
 Environmental Restoration, LLC  
 Environmental Solutions & Innovations, Inc.  
 Environmental Works, Inc.  
 Etegra, Inc.  
 Farnsworth Group, Inc.  
 Force Elegance  
 G&W Engineering  
 Gannett Fleming, Inc.  
 Geosyntec Consultants, Inc.  
 Geotechnology, Inc.  
 Golder Associates Corporation  
 Hanson Professional Services, Inc.  
 HDR  
 HNTB  
 Horner & Shifrin, Inc.  
 HRP Associates, Inc.  
 HydroGeoLogic, Inc.  
 IMEG Corp.  
 Intuition & Logic Engineering, Inc.  
 Jacobs  
 Juniper Environmental, LLC

Kaskaskia Engineering Group, LLC  
 Kuhlmann Design Group, Inc.  
 Leidos  
 Massman Construction Co.  
 Murphy Company  
 NGA St. Louis  
 Oates Associates, Inc  
 Olsson  
 Optimal GEO  
 Pangea, Inc.  
 Parsons  
 Prairie Engineers, P.C.  
 Professional Environmental Engineers, Inc.  
 Rain for Rent  
 Ross & Baruzzini  
 Russell Construction  
 SCI Engineering, Inc.  
 Seiler Instrument Company  
 Shannon & Wilson, Inc.  
 Siemens Industries, Inc.  
 Stanley Consultants, Inc.  
 Stantec, Inc.  
 Surdex Corp.  
 Surveying and Mapping, LLC  
 Telgian Engineering & Consulting, LLC  
 Tepas, LLC  
 Terracon Consultants, Inc.  
 Tetra Tech, Inc.  
 Thouvenot, Wade, & Moerchen, Inc.  
 USACE St. Louis District  
 Wood  
 Woolpert, Inc.

**Sustaining Member Benefit:** One benefit is the opportunity to present a three-minute organization overview at a monthly luncheon. For more information, or to schedule a presentation, please contact *Loren Boyd* at [loren@faithgroupplc.com](mailto:loren@faithgroupplc.com).

**CLICK HERE TO SIGN UP  
 AS A SUSTAINING OR  
 INDIVIDUAL MEMBER**

## OFFICERS

2021



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## COMMITTEE CHAIRS

Mark Alvey, Programs  
Amanda Fisher, Education and Mentoring  
Michelle Chambliss/Bronson Bowling,  
Sustaining/Individual Members  
Michelle Chambliss, Veterans Outreach Initiative  
Bronson Bowling, Young Members  
Matt Hoy, Awards

Loren Boyd, Publicity and Reports  
Mark Smith, Attendance  
Ed Grimmer, Nominating  
Bob Welsch, Golf  
Maureen Roth, Website  
John Osterhage, Resilience & Homeland Security  
Student Chapter (vacant)

## QUESTIONS OR COMMENTS?



*If you have any questions, comments, concerns, or suggestions for the newsletter, please reach out to Loren Boyd.*



**CHAIR OF PUBLICITY AND REPORTS COMMITTEE**

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