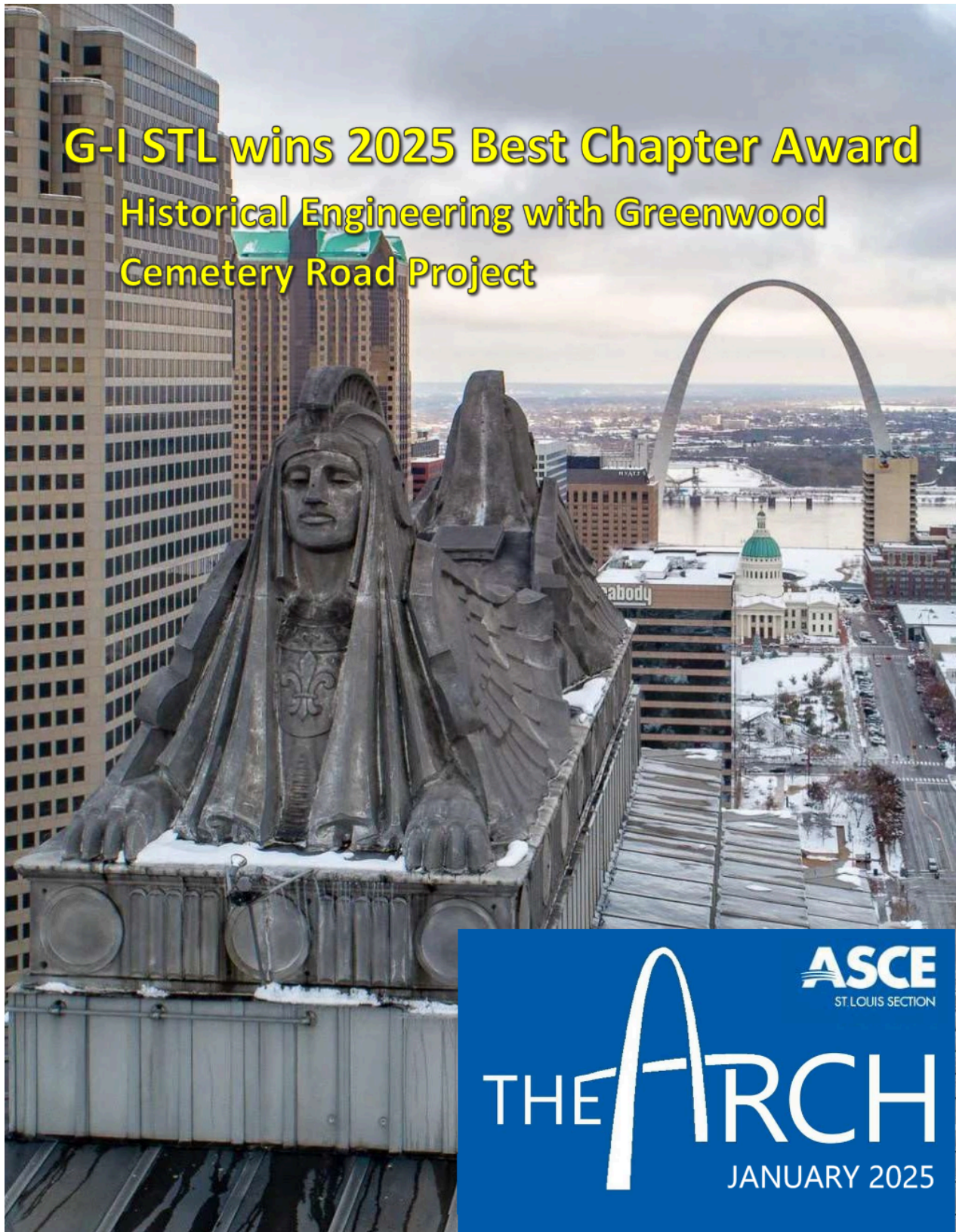


January 2, 2025

# G-I STL wins 2025 Best Chapter Award

## Historical Engineering with Greenwood Cemetery Road Project



January 2025 Newsletter

The Arch Newsletter Team

Upcoming Section Events

Newsletter Editor

- [Brenan Pool \(Engenuity\)](#)

Programs Chair

- [Stephen Noeth \(Civil Design, Inc.\)](#)

Scholarships Chair & Past President

- [Chris Toenjes \(Roeslein & Associates\)](#)

*The Arch January 2025 cover*

- Photo by [@stl\\_from\\_above](#)

Connect with [#asceSTL](#)!

## January

02 - The Arch January 2025

14 - [January Luncheon with EWRI STL](#)

15 - Mid-Month Update January 2025

20 - [MLK Day of Service](#)

## February

01 - The Arch February 2025

05 - [Engineer's Day at State Capitol](#)

11 - [Int. Day of Women & Girls in Science](#)

14 - Valentine's Day

16 - [2025 Engineers Week](#)

18 - [E-Week Luncheon by Engineer's Club](#)

22 - [SciFest at SLSC](#)

28 - [2025 CRYMC \(Cleveland, OH\)](#)

## 2025 Section Board of Directors

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### From the President

#### Happy New Year!

I hope you have enjoyed some time to slow down and are feeling refreshed for the new year. As we enter 2025, I look forward to all the upcoming events that the new year has in store. There are several coming up at the start of the year. I encourage you to mark

your calendars and consider getting involved in these opportunities.

We will kick off the year with our January luncheon on January 14th.

**Chad Olney** and **Gary T. Moore** will be presenting on the [Greenwood Cemetery Road Improvement Project](#). This historic African American cemetery represents 150 years of St. Louis history. Their presentation will cover lessons in planning, funding challenges, project management, complex design requirements, and construction. Additionally, at the luncheon, the Section will be presented with the [2024 JEDI Award](#) by [MOSAIC](#) Member, **Elise Ibendahl**. I hope you can join us!

January also marks the start of the development of the [2026 Report Card for Missouri Infrastructure](#). The **ASCE Infrastructure Report Card** assigns letter grades to sub-categories of infrastructure in our State. It serves as a critical tool to inform the public and legislators about infrastructure health and investment needs. The [St. Louis Section](#) and [Kansas City Section](#) are leading this effort and seeking volunteers. If you are interested in participating in this effort, reach out to [Alison Graves](#), Government Relations Chair.



## Past President

Chris Toenjes

Roeslein & Associates

February is always a busy month, with several opportunities for you to engage. [Engineers Week will take place from February 16-22](#), and there will be many local activities taking place. We will participate in the [Science Center's SciFest on February 22nd](#) with interactive civil engineering displays for K-12 students. We will need volunteers for this fun event.

On February 5th, [#asceSTL](#) will once again team up with the [Kansas City Section, ACEC, APWA](#), and [MSPE](#) for [Engineer's Day at the Capitol](#) in Jefferson City, MO. This is an opportunity to collectively let the voice of the engineering profession be heard and emphasize the critical role that engineering projects play in Missouri communities. [You can register online here no later than January 28th](#).

Keep an eye out for our annual call for Board nominations, which will be coming soon. Yet another way to get more involved with the Section. We also have a couple of committee chair vacancies, including the **Student Involvement Chair**. If you are interested in any positions or other committees, [let any Board member know](#). We look forward to your involvement and leadership.

Thanks for your continued commitment to the St. Louis Section as we move **forward** in 2025.

## Melantha Norton

2025 St. Louis Section President

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### January 2025 Section Luncheon



ASCE STL is proud to partner with [EWRI St. Louis Chapter](#) to host **Chad Olney** and **Gary T. Moore** at our upcoming January Section Luncheon! They will present on the [Greenwood Cemetery Road Improvement Community Engineering Corps Project](#).

The [Greenwood Cemetery Road Improvement Project](#) in St. Louis, led by the [St. Louis Professional Chapter of Engineers Without Borders](#), was recently completed. Over two years of effort resulted in \$350,000 in construction improvements and \$90,000 in pro-bono planning and design services for the

[Greenwood Cemetery Preservation Association](#) (GCPA). This historic African American cemetery, representing 150 years of St. Louis history, has been revitalized by GCPA since 2016.

The project offers valuable lessons in planning, project management, design, and construction, overcoming challenges like funding and complex design criteria. Community Engineering Corps, a collaboration of ASCE, AWWA, and EWB, brings engineering expertise to underserved communities, fostering impactful, community-driven solutions.



### [Chad Olney, P.E., M.ASCE](#)

Chad is a volunteer for **Engineers Without Borders** where he serves as the program coordinator for the [EWB Gateway Professional Chapter](#). Chad has a B.S. in Civil Engineering from Kansas State and works for the [US Army Corps of Engineers St. Louis District](#) as a civil design engineer specializing in stream design, restoration, and flood risk management.



### [Gary T. Moore, P.E., M.ASCE](#)

Gary has over 44 years of in-depth expertise in Stormwater Management, Floodplains, Flood and Rainfall Frequency, Green Infrastructure, Stream Geomorphology, Expert Witness testimony, surface water modeling, Sanitary Sewer and Combined Sewer Systems and Overflows, Sanitary and Combined sewer planning, design and modeling. Gary is a Senior Lecturer and Civil Engineering Program Director for the [UMSL/WashU Joint Engineering Program](#) and a Senior Civil Engineer at [Civil Design Incorporated](#). Degrees are a BSCE from the University of Kentucky and MSCE from Missouri University of Science & Technology (S&T).

**Register for the event!**

**When:** Tues, January 14th @ 12:00pm

**Register by January 7th!**

[Stephen Noeth](#), Programs Chair  
[Maggie Cox](#), Programs Assistant

Registration at 11:30, lunch served at 11:45, and program begins at 12:00. One (1) PDH is available from this program for attendees.

**Where:** [Il Monastero Banquet Center](#), Saint Louis University

***Special thanks to our venue host***

[Saint Louis University](#) and [SLU Department of Civil, Computer and Electrical Engineering!](#)



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**Engineer's Day at the Missouri State Capitol**



# Engineer's Day at the Missouri Capitol

February 5, 2025  
8:30 AM



As part of [2025 Engineers' Week](#), [#asceSTL](#) will join forces with the [ASCE Kansas City Section](#), [Missouri Society of Professional Engineers \(MSPE\)](#), [American Council of Engineering Companies of Missouri \(ACEC\)](#), and the [American Public Works Association \(APWA\) Missouri Chapter](#) for **Engineering Advocacy Day at the Missouri Capitol in Jefferson City on February 5th**.

The purpose of this day is to educate legislators on the important and diverse roles that engineers play in our community, and to increase our presence and voice in the public policy process. We will start this year at **Capitol Plaza with breakfast** (no charge, it's free, but you must register to attend) with a number of freshman State Senators who will give remarks and a preview of the legislative session. We will then move to the House Lounge where we will meet with members of the Missouri House who are all involved in the profession of engineering. **Rep. Don Mayhew** will then introduce participants to the entire Missouri House and you will then have time for **personal meetings with your House and Senate members**.

[RSVP for Engineer's Day by January 28th](#) so that staff can plan accordingly for logistics. We hope to see you there!

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## Call for SLSC Sci-Fest Volunteers



The St. Louis Section is gearing up for the [SciFest: Engineering Expo 2025](#) at the **Saint Louis Science Center**! This exciting event will take place on Saturday, **February 22**, from 9:30am-4:30pm, with setup starting at 8:30am.

We'll be hosting a table with fun, hands-on civil engineering activities, and we need your help to make it a success! This is a fantastic opportunity to inspire the next generation of engineers and showcase the incredible work of our profession.

If you're interested in volunteering, [please contact Melantha Norton](#) with your availability. Let's make this year's expo unforgettable—thank you for your support!

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## Pre-College Outreach Volunteering



### Institute for STEM Collaboration, Outreach, Research and Education (iSCORE)

We are broadening the STEM ecosystem in an effort to forward SLU's transformative vision to foster growth, inspire innovation, and advance initiatives that serve a higher purpose and a greater good.

- Tuesdays/Wednesdays after school: 4pm - 5pm at Grannemann Elementary
- Spring Saturdays: 9:00am - 3:30pm, Feb 22, Mar 8, Mar 22, Apr 5, and Apr 12

Volunteers could either help out with an activity or lead their own for any of the above dates. Contact [iscore@slu.edu](mailto:iscore@slu.edu) to volunteer. [More info can be found here.](#)

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## Exploring the Underground River Beneath Forest Park



Did you know St. Louis has a hidden river running beneath the city? 🌊 Dive into this fascinating exploration of the underground sections of the River des Peres, including its tunnels beneath Forest Park. Learn about its historical significance, ties to 1930s sewer design, and the innovative efforts of [Project Clear](#) by the **Metropolitan St. Louis Sewer District (MSD)** to enhance infrastructure. [Check out this unique blend of history and engineering!](#) 🏗️

Original video by [@oddityodysseys](#)

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## Younger Members Group (YMG)

[ASCE STL Younger Members](#) is excited to kick off another amazing year in 2025! From professional development opportunities and networking events to community outreach and just-for-fun socials, we have an



incredible lineup planned to make this year even better.  
Join us as we make 2025 a year to remember—let's  
make it our best yet!



**HAPPY  
HOUR**

**GLOBAL BREW  
TAP HOUSE**

**JAN. 30 @ 5:30**

**SPONSORED BY:**



**OATES**  
ASSOCIATES



**ASCE**  
ST. LOUIS SECTION  
YOUNGER MEMBER GROUP

### *Upcoming YMG Events*

- [YMG January Happy Hour](#)
  - Thu, Jan 30th, 5:30pm @ Global Brew Tap House

### **YMG Co-Presidents**

[Alicia Padilla](#)

Special Inspections &  
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[Jacob Mette](#)

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ASSOCIATES

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## SAVE THE DATE FOR SPRING!

The St. Louis Chapter of EWRI is excited to count down the days to our 2025 Spring Symposium to be held **February 28th** at [H Monastero](#)!





ENVIRONMENTAL &  
WATER RESOURCES  
INSTITUTE  
St. Louis Chapter

WATER  
INSTITUTE  
SAINT LOUIS UNIVERSITY

## ASCE-EWRI - St. Louis Chapter

*2025 Environmental & Water Resources Spring Symposium and Workshop*

# WATER, WATER, EVERYWHERE

**Friday, February 28, 2025**

Sign-In and Continental Breakfast 7:30 to 8AM

Technical Program 8AM to 4PM

### Location:

Il Monastero at  
Saint Louis University  
3050 Olive St  
St. Louis, MO 63103

### To Register Visit:

<https://tinyurl.com/EWRI-2025>

### Cost:

Students \$10  
ASCE Members \$90  
Non-Members \$120

### Registration includes:

Up to 6 Professional  
Development Hours,  
continental breakfast,  
and lunch.

**NEW THIS  
YEAR!**

We are hosting an optional social event after the symposium. Join us at Wellspen Brewing Company for food and drink. Wellspen is right across the street from the symposium. Symposium attendees will receive a free drink. Snacks will be provided.

## THIS YEAR'S SPEAKERS INCLUDE

experts from Heartlands Conservancy, Metropolitan St. Louis  
Sewer District, SIU Edwardsville, Saint Louis University, USGS, Washington University, and more!

## PRESENTATIONS INCLUDE

MSD's Green Infrastructure Program, Flooding in Missouri, A Local Watershed Plan and A Flood Buyout Program, Changing Rainfall Patterns in Illinois, Sustainability of Engineering Projects, and more!

### For more information, please contact:

Samantha Keeven  
Spring Symposium Chair  
ASCE-EWRI St. Louis Chapter  
[skeeven@hrgreen.com](mailto:skeeven@hrgreen.com)

[tinyURL.com/EWRI-2025](https://tinyurl.com/EWRI-2025)

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## Geo-Institute (GI) St. Louis Chapter

Exciting news! 🎉 The [G-I Local Involvement Committee](#) has selected [G-I STL Chapter](#) as the recipient of the **2025 Best Chapter Award**, with final approval from the G-I Board of Governors. This recognition highlights the incredible efforts of our Chapter in supporting the geotechnical engineering profession. Congratulations to our



## 2025 BEST CHAPTER AWARD

dedicated team at G-I STL Chapter who contributed to this achievement!

Also, we're looking for **March Luncheon speaker options**. If you, or someone you know has a great topic to share at the March luncheon, please have them email [Travis with details](#). **Adopt an Engineer Update** – We have our first two students that will be enrolled in our Adopt an Engineer program. We are looking to support more students and for them to apply [on our G-I St. Louis webpage](#)!

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## 2025 Multi-Region Leadership Conference (MRLC) - Cleveland, OH



The 2025 Multi-Region Leadership Conference (MRLC) will be hosted soon in Cleveland, Ohio. The [ASCE Cleveland Section](#) YMG will be hosting the **Central Region Younger Member Conference** (CRYMC) in partnership with ASCE, and the Cleveland Section of ASCE. Join the Central Regions **02/27/25 - 03/01/25** in Ohio!

Visit [ASCE CYM](#) and [ASCE LTC](#) for updates for more information!

**Sponsorships available now!**

[go.asce.org/crymc](https://go.asce.org/crymc)

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## 2026 Report Card for Missouri's Infrastructure - Call for Volunteers























ASCE STL & [ASCE Kansas City Sections](#) are seeking volunteers to develop the **2026 Report Card for Missouri's Infrastructure**! The [ASCE Infrastructure Report Card](#) assigns a "letter grade" to each sub-category of infrastructure in our state. The Report Card is an important tool for public outreach and government advocacy. This document is frequently referenced in press

releases and utilized by our legislators in Jefferson City during public infrastructure budget discussions.



Our team is looking for:

- **Section Writers** – You will team up with another volunteer to write a 3-4 page write-up on the condition, funding sources, and reliability of a category of infrastructure. As this is a year long commitment, **ASCE offers 7 PDHs** for section writers! Our last Report Card included 11 categories:

Missouri Infrastructure Grades					
 AVIATION	 C	 BRIDGES	 C	 DAMS	 D-
 DRINKING WATER	 C-	 ENERGY	 D+	 INLAND WATERWAYS	 D
 LEVEES	 D+	 RAIL	 C	 ROADS	 D+
 PORTS	 C	 WASTEWATER/STORM WATER	 C-		

- **Release Event Lead** – This individual would coordinate and lead the release event at the Missouri State Capitol in Jefferson City during the 2026 legislative session.

Take a look at the full [2018 ASCE Missouri Infrastructure Report Card](#) and the [Executive Summary/Brochure](#) for an idea of what we're going to produce. **What's the timeline?**

- January 2025 - Kick-Off meeting
- February 2025 & on - Monthly 30-min check-ins
- May 2025 – First draft due
- October 2025 – Second draft due
- January 2026 – Release Event

Let us know if you would like to participate in the upcoming Report Card effort – **we're going to need a lot of help!** - [Alison Graves, ASCE STL Government Relations Chair](#)

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15th Americas Conference on Wind Engineering  
**May 19-22, 2025 — St. Louis, MO**  
*Center for Hazard Mitigation & Community Resilience*  
*Missouri University of Science and Technology*



**When:** May 19-22, 2025

**Where:** St. Charles Convention Center, St. Charles, MO

We look forward to seeing you in St. Louis, Missouri for the **15th Americas Conference on Wind Engineering (ACWE)** taking place May 19-22, 2025 at the St. Charles Convention Center. ACWE provides an opportunity for scientists, engineers, architects, educators and practitioners to discuss wind science & engineering.

For more information, including conference registration and abstract submission, [visit the conference website!](#)

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## **JOBS CORNER**

[VIEW ALL PARTNER JOB POSTINGS](#)

### ASSISTANT/ASSOCIATE TEACHING PROFESSOR

MISSOURI S&T CIVL, ARCHITECTURAL & ENVIRONMENTAL ENGINEERING  
DEPARTMENT - ROLLA, MO



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### **ASCE St. Louis Section**

St. Louis, MO

[asceSTL.org](http://asceSTL.org)



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