

SEPTEMBER 2024 NEWSLETTER



From the the President

Dear CSCE Members,

What a time to be an engineer in the civil infrastructure space! We are nearing the start of year three of the five-year Infrastructure Investment and Jobs Act (IIJA), and there is a significant amount of work being funded and underway.

However, with the significant investment the IIJA has brought to our industry, we and our industry partners are facing some major challenges, importantly in labor force recruitment. It is imperative that we all participate in recruitment and pre-college outreach to inspire a future generation of engineers, builders and project managers. This industry can be so rewarding - to participate in the design and construction of our built environment and to make living on this planet better in various ways.

In the coming months, ASCE is expecting its new inspirational film, *Cities of the Future*, will be coming to the IMAX theater at the CT Science Center. I encourage all of our members to make time to see the film for themselves and bring a young family member who may be inspired to be a leader in the next generation of civil infrastructure.

As for section events, next up is a Resume Review at CCSU on Monday, October 7, our SEI-CT Structural Engineering Seminar where you can earn 8 NYS PDHs on Thursday, October 10, a Resume Review at Quinnipiac on Monday, October 14, and our October 15th dinner meeting at CT State College at Three Rivers, in Norwich, CT, with a focused discussion on civil engineers in utility infrastructure. I look forward to seeing many of you at these events.

Sincerely,
Rich Cohen, P.E., M. ASCE

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CHA, HNTB, SEABOARD DRILLING**
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New CSCE Annual Sponsorship

The CSCE is excited to provide a new sponsorship and promotional opportunity for companies in CT! The benefits of the sponsorship include:

- PowerPoint slide recognition at every meeting – presented by CSCE
- Company logo included in emails promoting the meeting
- Company logo included on all the meeting/event invitations sent by CSCE
- 5 dinner meeting registration vouchers – These can be used all at one dinner meeting or spaced out throughout the year at multiple dinner meetings, but not at the ACE Awards event
- Includes PDHs for employees attending the meetings that offer PDHs
- Sponsorship recognition in CSCE Newsletter and on the CSCE website

Annual Sponsorship Cost for ASCE/CSCE firms (Firms with partnership relationships with ASCE or employ at least 5 CSCE members): \$2,000

Annual Sponsorship Cost for Non ASCE/CSCE firms: \$2,500

Please sign up today to support the activities of CSCE!

Thank you to our Annual Sponsors!

CHA **HNTB**

SEABOARD
DRILLING

New CSCE Annual Sponsorship

Annual CSCE Sponsorship Opportunity Form

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Annual Sponsorship Cost for Non ASCE/CSCE firms: \$2,500

Firm Name: _____

Firm's ASCE Membership ID Number: _____

First & Last Names and ASCE Membership ID Numbers of Firm's 5 Employees who are CSCE Members:

Firm Contact Name: _____

Firm Contact Phone: _____

Firm Contact Email: _____

Payment Options:

Card - Invoice can be sent via PayPal that can be paid with a card or check

Check - Please send checks to: CSCE, P.O. Box 1101, Deep River, CT 06417

Questions? Please send an email to csceinfo@gmail.com or call/text 860-879-2723 (CSCE)

UPCOMING EVENTS

10/7 RESUME REVIEW AT CCSU

10/10 STRUCTURAL ENGINEERING SEMINAR

10/14 RESUME REVIEW AT QUINNIPIAC

10/15 CSCE DINNER MEETING AT CT STATE THREE RIVERS

11/19 CSCE DINNER MEETING AT QUINNIPIAC UNIVERSITY

12/10 12 P.M. WEBINAR - TOPIC: ROLE OF A BICYCLE & PEDESTRIAN COORDINATOR AND THE CTDOT'S NEWLY CREATED ACTIVE TRANSPORTATION UNIT BY PAUL ASHWORTH, CTDOT



Two Resume Reviews

Volunteers Needed **Pizza Provided**

Monday October 7, 5:30-7 p.m.

Central Connecticut State University

Monday October 14, 6:30-8 p.m.

Quinnipiac University

This is a great opportunity to meet civil engineering students & future engineers!

If you can help, please email csceymg@gmail.com.



GEO INSTRUMENTS

Zeid Alkas, Area Manager

973-557-7667 800-477-2506

sales@geo-instruments.com

www.geo-instruments.com

*INTERESTED IN POSTING A JOB
OPENING OR AD ON THE CSCE
WEBSITE OR IN THE NEWSLETTER?*

Please fill out the [Sponsorship Request Form](#) found on the Resources page of www.csce.org and send it to csceinfo@gmail.com. Once that information is received, CSCE will provide a cost estimate to you.

Seats are Filling Up

OCTOBER 10, 2024

SEI-CT SEMINAR

CSCE STRUCTURAL ENGINEERING SEMINAR

Sponsored By:



**OCTOBER 10, 2024
7:30 A.M.-5:00 P.M.**

**MDC OPERATIONS
FACILITY & TRAINING
CENTER, 125 MAXIM
ROAD, HARTFORD, CT**

Register on www.csce.org

Profits from CSCE continuing educational activities fund CSCE's scholarships.

Available Sponsorships

Morning Break Sponsorship

\$500 2 Available

This sponsorship level includes 1 exhibit table, your company logo on table placards during the morning break & networking break, podium mentions, and 1 attendee registration.

Afternoon Break Sponsor

\$500 2 Available

This sponsorship level includes 1 exhibit table, your company logo on table placards during the afternoon break & networking break, podium mentions, and 1 attendee registration.

Program Sponsor **\$1,000 1 LEFT**

This sponsorship level includes 1 exhibit table, your company logo on the program cover and on table placards during all breaks including the lunch break, podium mentions, and 2 attendee registrations.

Registration Rates

ASCE Member

(includes NYS PDHs) -

\$275

Non-ASCE Member

(Includes NYS PDHs) -

\$325

Government &

Educational

Institution Employee

& Retiree (Includes

NYS PDHs) - **\$125**

Younger Members

(Under 35 & Includes

NYS PDHs) - **\$200**

Full-Time Student

(Student ID Required

at Registration - No

NYS PDHs) - **\$50**

EARN 8 NYS PDHS

Scheduled Presentations & Speakers

- A Case Study of Ultra-High Performance Concrete Invert Linings for the Rehabilitation of Corrugated Metal Pipe Culverts
by [Brian Lassy, EIT, of the University of Connecticut](#)
- FHWA's Resources and Solutions for Bridge and Tunnel Security Engineering by [Vincent P. Chiarito, P.E., F.SEI, of the Federal Highway Administration, Office of Infrastructure](#)
- Vessel Collision Evaluations for Major Bridges
by [Matthew Lengyel, P.E., S.E., PMP, CBI, of GM2, Inc.](#)
- Design Development & Construction Challenges of the Onondaga County Canalways Trail Extension Project by [Alexander S. Kerr, P.E., PTOE](#) and [Kimberly Fletcher, P.E., of Barton & Loguidice](#)
- A Snapshot in Time (Digital Twins) by [Chase Gallik, EIT, and Hannah Rakowski, P.E., of Wiss, Janney, Elstner Associates](#)
- R. Buckminster Fuller (1895-1983)'s Engineering Challenge by [Chad T. Morrison, P.E., F.ASCE, of the Berlin Steel Construction Company](#)
- The Six Most Important Issues for a Crane Lift Plan by [Vincent A. Siefert P.E., M.ASCE., and Steven L. Porter EIT, M.ASCE, Siefert Associates, LLC](#)
- Beyond a Bridge: Empowering Communities
by [S.B. Sanjeev Mohan, P.E., Stantec](#)

Seats are Filling Up

OCTOBER 15, 2024

CSCE DINNER MEETING AT
THREE RIVERS

TUESDAY, OCTOBER 15, 2024 **EARN 1
NYS PDH**

CSCE Dinner Meeting at CT State Community College Three Rivers
5:30 Registration & Social Hour followed by a Buffet Dinner & Presentation



Join colleagues & Three Rivers students for a presentation by Jim Cole, P.E., MBA, PMP, Vice President of Projects at Avangrid, on the importance of civil and structural engineers in every aspect of the design and construction of high power electrical systems.



STRUCTURAL
ENGINEERING
INSTITUTE
Connecticut Chapter

CT STATE
COMMUNITY COLLEGE
Three Rivers

Register on www.csce.org

Tuesday, November 19, 2024 CSCE Dinner Meeting

Learn about the redevelopment of the New London State Pier into the First Operational United States - Based Offshore Wind Farm Terminal from Katrina T. Perez Mejia, P.E., LEED GA, Haley & Aldrich

Earn 1 NYS
PDH



GEO-
INSTITUTE

Connecticut Valley
Chapter

Quinnipiac
UNIVERSITY



Register on www.csce.org

Life Member Group in CSCE?

There are many exciting and valuable activities in CSCE that could benefit from a Life Member's expertise such as Engineers Week, mentoring programs for college students in one of our ASCE Student Chapters, mentoring Younger Members, giving a presentation at a monthly dinner meeting or annual professional development seminar, and helping to prepare CSCE's 2026 Infrastructure Report Card for Connecticut. There are now 258 Life Members in CSCE, which represent about 17% of CSCE's membership. If you are a Life Member who is interested in getting more involved with CSCE by being a part of a fledgling Life Member Group, please send an email to CSCE at csceinfo@gmail.com or call/text 860-879-2723.

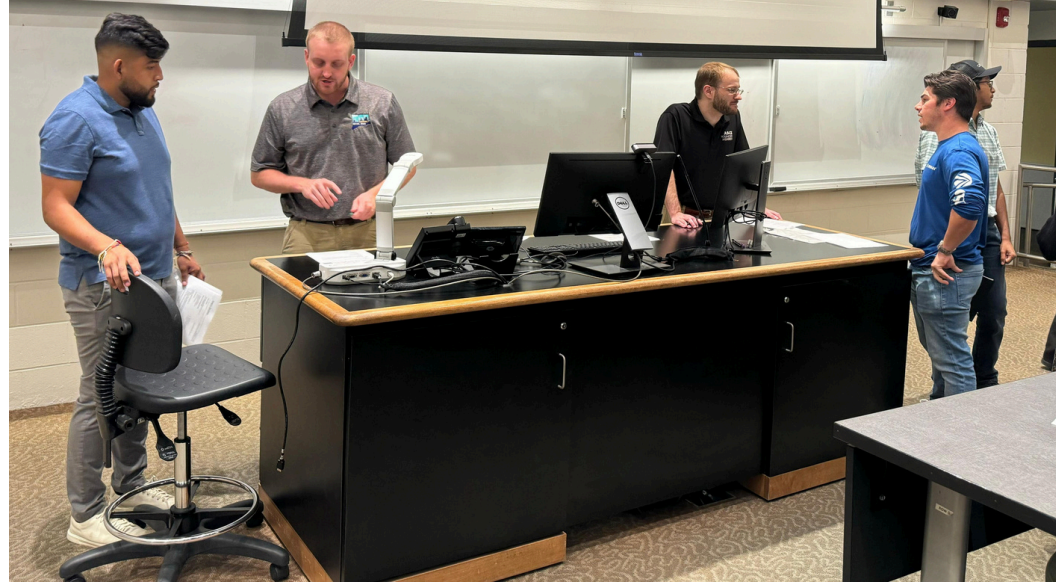
YOUNGER MEMBERS GROUP

September 3, 2024

Resume Review at UNH

On Tuesday, September 3, YMG Volunteers Thomas Wamser, Mike Ciacciarella, Scott Nolan, and Jon Bossi met with approximately 50 students at the University of New Haven one-on-one to discuss their resumes and provide feedback for potential improvements going into the upcoming career fair. A brief introduction presentation was given to cover general resume tips and best practices beforehand. Students were also able to ask about working in the industry and about possible employment opportunities. Pizza was provided to encourage attendance.

Students were thankful for the valuable feedback they received, and the volunteers were able to help a large number of them in a single night due to high event attendance. Due to the high ratio of students to volunteers at this school, many more volunteers are needed to assist with Resume Reviews like this one.



CT Chapter of the ASCE
Transportation & Development
Institute

SEPTEMBER 10, 2024

CSCE DINNER MEETING AT
UCONN



Thank you to Will Kresic, P.E., PTOE, Eric Nigosanti, P.E., and Joseph Balskus, P.E., PTOE, RSP1, of VHB for giving a presentation on their UConn Science 1 Intersection Improvements project, which was the 2024 ACE Award Winner for Traffic Design. As part of the University of Connecticut’s landmark Northwest Science Quad project, the VHB team designed a unique hybrid roundabout—first of its kind on the Storrs campus. Right-sized to fit the constraints of a small hillside site across from a parking garage, the roundabout has transformed an intersection plagued by congestion and pedestrian safety issues into a safe and smoothly flowing connection to the new Science 1 building. This meeting was co-sponsored by the CT Chapter of the ASCE Transportation & Development Institute and the ASCE Student Chapter at the University of Connecticut, Storrs, CT.



On Tuesday, September 17, the YMG volunteered on campus at the University of Hartford to pair about 15 students with 4 industry professionals/volunteers in a resume review session. Volunteers gave tips to students on how to best represent themselves on their resumes and how to conduct themselves in an interview setting. Pizza was provided for all attendees. The event had a higher



attendance than previous reviews with the this school's ASCE Student Chapter. Due to the close relationship with the chapter officers, the volunteers were able to network and promote YMG's upcoming events. The students were eager to participate in a



number of future planned events. Several students attended who were not civil engineers. Given the ample number of volunteers on this evening, their resumes were reviewed as well, showing another way YMG volunteers give back to their communities and promote civil engineering simultaneously.





On Saturday, September 21, 15 volunteers from CSCE YMG and Engineers without Borders joined 1 staff person from the Connecticut Forest & Parks Association (CFPA) to share engineering skills and give back to the community by volunteering with CFPA at the Highlawn Forest Blue-Blazed Hiking Trails behind the CFPA headquarters in Rockfall, CT. The volunteers helped construct a new walkway structure through a section of bog along the trail. There was a strong showing of university students, especially from the University of Hartford. Ample volunteers helped get the job done quickly and effectively. The event also served as a good networking experience as the volunteers worked together to apply their skills toward a common goal. Members of the public walking the trails thanked the team for their efforts.



GEO-CT is our annual geotechnical conference held at the Sheraton Hartford South in Rocky Hill, CT. This year's conference presented a variety of geotechnical topics including case studies, deep foundations, ground improvement, and offered attendees 7 NYS PDHs.

Thank you to
our Sponsors!



On September 24, ASCE Member and Member of the CT Valley Chapter Dustin Humphrey visited Professor Wei Zhang's civil engineering class at the University of Connecticut at Storrs and shared his insight and experience with Shallow Foundations. This is one way the Chapter connects with future geotechnical engineers.



EMPLOYMENT OPPORTUNITIES

RACE Coastal Engineering - Waterfront Engineer

RACE Coastal Engineering is seeking an Engineer with 5-10 years of experience to support various projects. A Bachelor of Science Degree in Civil, Structural, Geotechnical, and/or Coastal Engineering with a Master of Science Degree preferred. RACE offers excellent compensation and benefits, including health and dental insurance, paid holiday/vacation/sick time, and a retirement savings plan. <https://www.racecoastal.com/contact>

Town of Newington - Engineering Technologist

The Town of Newington is accepting applications for an Engineering Technologist I in the Engineering Department that will provide technical support for the planning, design and construction of a variety of municipal improvement projects with a starting salary of approx. \$76,300. For additional information and an Employment Application, visit the Human Resources page at www.newingtonct.gov. This position will remain open until filled.

EMPLOYMENT OPPORTUNITIES

Siefert Associates - Project Engineers

Siefert Associates, LLC is seeking 8+ yrs experienced Project Engineers with technical Structural and/or Geotechnical skills. Work includes producing, checking and delivering Bridge Design, temporary support structures, demolition & erection plans, construction loading on structures, engineered lift plans, rigging design/analysis, crane layout, shoring towers, excavation, cofferdams, pile formation (and much more). Must have Bachelor's or Master's Degree in Engineering and hold a P.E. License.

City of West Haven, CT - Civil Engineer

The City of West Haven, CT, is accepting applications for an Assistant Engineer in its DPW. This is a 35-hour a week position that is responsible for technical work in the conduct of topographic and boundary surveys design and drafting for public works projects, and the inspection of municipal public works construction projects. This engineer will also work in concert with the City Engineer on municipal engineering projects. To apply, please click [here](#) or visit www.cityofwesthaven.com.

Langan - Senior Geotechnical Project Manager / Engineer

Langan is seeking a Senior Geotechnical Project Manager / Engineer in New Haven, CT managing client interaction, providing staff training and project leadership, preparation of technical reports, specifications, plans, designing foundations, retaining walls, & other geotechnical aspects of construction. Langan is an affirmative action / EOE

Apply here: <https://careers.langan.com/job/New-Haven-Senior-Geotechnical-Project-Manager-CT-06511-6107/930118600/>

For High Schools:

CSCE CONNECTING WITH SCHOOLS

If you know of a high school that would be interested in getting information about careers in civil engineering, please contact CSCE via email at csceinfo@gmail.com. CSCE Members would be very interested in connecting with high school students (virtually or in-person) to share information about career opportunities in civil engineering and related fields.

For Middle Schools:

If you know of a middle school that is having a career day or has teachers who want to share information about civil engineering with their students, the CT Section of ASCE (CSCE) can help provide speakers who can talk to students about civil engineering & bring handouts such as brochures & flyers. Please contact CSCE via email at csceinfo@gmail.com for more information.

EMPLOYMENT OPPORTUNITIES

Luchs Consulting Engineers - Civil Design Engineer

Luchs Consulting Engineers is a multi-disciplined engineering & surveying firm based in Meriden, CT. We have an immediate opportunity for a Civil Design Engineer with the following qualifications:

- BS Degree in Civil Engineering; EIT or NICET a plus
- 3-7 years' experience in CTDOT design environment
- Roadway Drainage Design/HEC-RAS Hydraulic experience required
- Knowledge of MicroStation or AutoCAD required

Comprehensive Benefit Package - Please email resumes to:

dcrandall@luchs.com

Down To Earth Consulting - Senior Project Engineer

Down To Earth Consulting is seeking a Senior Project Engineer to join our geotechnical group in Naugatuck, CT. The successful candidate should have a BS degree from an ABET accredited civil engineering program, 5 to 10 years of experience, and be a licensed PE. Down To Earth Consulting is an Affirmative Action/Equal Opportunity Employer. To learn more about this opportunity, please submit your resume to ray@downtoearthconsulting.com

Conlon Engineering - Structural Engineer

Conlon Engineering, a growing structural design firm in Brookfield, CT is seeking a structural engineer with 0-3 years of experience doing design work and calculations. We are looking for a smart, hardworking engineer who wants to be part of a profitable firm that is set up for sustainable growth. Visit our website at conlonengineering.com and email resumes to office@conlonengineering.com

Pereira Engineering - Civil Engineer, Land Surveyors and Survey Technicians

Pereira Engineering is an established Civil/Environmental/Land Surveying firm located in Shelton, CT. PE is seeking a Civil Engineer as well as Land Surveyors and Survey Technicians (at all levels of experience) to expand our Survey Department. PE offers a very competitive salary and benefits. Please email resume to: joe.pereira@pereiraeng.com.

CSCE Event

Registration/Emails Changed this Summer From Constant Contact to Thrive/Informz

The platform you've been receiving communication from CSCE switched to a new platform that integrates with ASCE Collaborate this summer. Here's what this means to you:

- ASCE is offering a new email preference center. You can update your notifications settings here: <https://info.asce.org/section-branch-email-preferences>
- Different IP address. To ensure you still receive communications from CSCE, we recommend you whitelist 205.201.40.61 and 205.201.40.49
- CSCE's emails will look different, but the content will be the same.

Please contact CSCE if you have any questions about this change.

ARE YOU UNEMPLOYED? ASCE NATIONAL HAS A PROGRAM TO WAIVE DUES OF UNEMPLOYED MEMBERS. FOR MORE INFORMATION, WRITE TO:

ASCE, ATTN: MEMBER SERVICES DEPT.,

1801 ALEXANDER BELL DRIVE, RESTON, VA 20191-4382

OR CALL : TOLL FREE: 1-800-548-ASCE DIRECT: 703-295-6169 FAX: 703-295-6335