

NOVEMBER 2024 NEWSLETTER



From the the President

Dear CSCE Members,

I hope you all had a happy Thanksgiving. I, for one, am thankful for our community of hard working professionals who come to work everyday and strive to make our living communities accessible, safer, and places we want to raise a family. I am thankful for the wonderful volunteers on all of the various section boards, groups, and institutes. I am thankful for everyone in our section membership. It is an honor to be the section President, and thank you for your trust in steering this ship.

Regarding membership, with the holiday season now upon us, please remember to renew your ASCE and CSCE membership for the new year. I know we all get numerous emails seeking renewal and they are easy to ignore. This is my personal outreach to you to please renew. Membership offers numerous benefits, discounts, and opportunities to network and obtain continuing education, so please renew today.

As for section events, next up is our December 10th lunch and learn webinar featuring a presentation on ConnDOT's Active Transportation Unit's efforts toward bicycle and pedestrian safety, I look forward to hosting that lunchtime webinar. Please register now.

Sincerely,

Rich Cohen, P.E., M. ASCE

**2 - CSCE ANNUAL SPONSORS -
CHA, HNTB, SEABOARD DRILLING**
4 - UPCOMING EVENTS
8 - NEWS FROM CSCE

CONTENTS

15 - EMPLOYMENT OPPORTUNITIES
16 - VOLUNTEER OPPORTUNITIES

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

The CSCE is excited to provide a new sponsorship and promotional opportunity for companies in CT!

Benefits of Sponsorship:

- 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

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

12/10/24 WEBINAR: THE ROLE OF BICYCLE & PEDESTRIAN COORDINATOR & CTDOT'S NEW ACTIVE TRANSPORTATION UNIT BY PAUL ASHWORTH OF CTDOT

1/29/25 CSCE DINNER MEETING AT THE UNIVERSITY OF HARTFORD

2/11/25 CSCE DINNER MEETING AT THE UNIVERSITY OF NEW HAVEN

3/12/25 CSCE DINNER MEETING AT CCSU

3/25/25 FAIRFIELD COUNTY BRANCH MEETING AT TWO ROADS BREWING

4/16/25 CSCE DINNER MEETING AT USCGA

4/25/25 SPRING GEOTECHNICAL SEMINAR

5/14/25 18TH ACE AWARDS



**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.

DECEMBER

WEBINARS

2024



Tuesday, December 10, 2024

12 p.m. CSCE Webinar

Learn about the role of a Bicycle & Pedestrian Coordinator and the CTDOT's newly created Active Transportation unit from Paul Ashworth, Transportation Planner 2 at CTDOT

Earn 1
NYS
PDH



TRANSPORTATION
& DEVELOPMENT
INSTITUTE

Connecticut Chapter

From our colleagues at the ASCE Metropolitan Section, check out a webinar that is FREE for students at 6 p.m. on Wednesday, December 4, that provides an introduction to Weigh-In-Motion Technologies by Ekin Senturk, Ph.D., P.E., who is a structural engineer with 20 years of experience on bridge engineering in industry and academia from HNTB's New York Office.



ASCE
METROPOLITAN
SECTION

Wednesday, January 29, 2025 Earn 1 NYS PDH
CSCE Dinner Meeting at the University of Hartford



Learn about the Live Load Impact on Railroad Bridges from David Jacobs, Ph.D., P.E., F.ASCE

Register at csce.org



CSCE DINNER MEETING

FEBRUARY 2025

EARN 1 NYS PDH

Tuesday, February 11, 2025

CSCE Dinner Meeting

University of New Haven



**ENVIRONMENTAL &
WATER RESOURCES
INSTITUTE**

Connecticut Chapter

5:30 p.m. Social
Hour/Registration followed by a
buffet meal and presentation on
the Pittsfield, MA, Wastewater
Treatment Plant Upgrade to
Ballasted Flocculation Process
for Phosphorus Removal by
Pamela Westgate, P.E., of
Kleinfelder



University of
New Haven

**Earn 1
NYS PDH**



Tuesday, March 25, 2025

CSCE Dinner Meeting

Two Roads Brewing, Stratford, CT



5:30 p.m. Social Hour followed by a Buffet and a Presentation on the I-95 Fairfield Avenue Bridge Project in Norwalk, CT, by John Antonucci, P.E., Assistant District Engineer with CTDOT District 3. **Earn 1 NYS PDH**



Wednesday, April 16, 2025

CSCE Dinner Meeting at U.S. Coast Guard Academy



5:30 p.m. Social/Registration Hour followed by a Buffet, the Evening's Presentation on AI & Construction/Civil Engineering by Reihaneh Samsami, Ph.D., P.E., CAPM & CSCE's Student Awards

Survey on the Impacts of the COVID-19 Pandemic on the Construction & Engineering Sector

Muhammad Rauf Shaker, an adjunct faculty and a PhD student at University of New Haven, working under the supervision of Dr. Chang and Dr. Schexnayder, is conducting a survey to examine the impacts of the COVID-19 pandemic on the private construction/engineering sector. The purpose of the survey is to compare the pandemic response strategies of the private sector with those of the public sector. The survey consists of multiple-choice questions and will take 5-7 minutes of your valuable time. Your support is greatly appreciated for the success of this study and will help us better understand the key issues and trends influencing our industry today.

Below is the link to the survey:

https://nhuw.qualtrics.com/jfe/form/SV_ezGEGNTLiqIBTro

Please contact Muhammad Rauf Shaker with any questions at:
mshaker@newhaven.edu

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 238 Life Members in CSCE, which represent about 14% 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.

To raise awareness of geotechnical engineering at the undergraduate level, the Connecticut Valley Chapter of the ASCE Geo-Institute coordinated guest lectures at the University of Connecticut for the Fall 2024 Foundation Design undergraduate class. During the Fall 2024 semester, Chapter members gave presentations on their respective specialties. The presentations covered technical information, business practices (ethics), and case histories.

These presentations were well received by the students with many questions being asked and several students expressed an interest in learning more about geotechnical topics.

As a result of the Chapter's outreach to UCONN, the Civil Engineering Department is currently developing courses on geotechnical engineering and reviving their geotechnical laboratory.



**GEO-
INSTITUTE**
**Connecticut Valley
Chapter**

The members who presented at UCONN in Fall of 2024 were:

Dustin Humphrey, P.E., Project Manager, O'Reilly, Talbot & Okun Engineering Associates

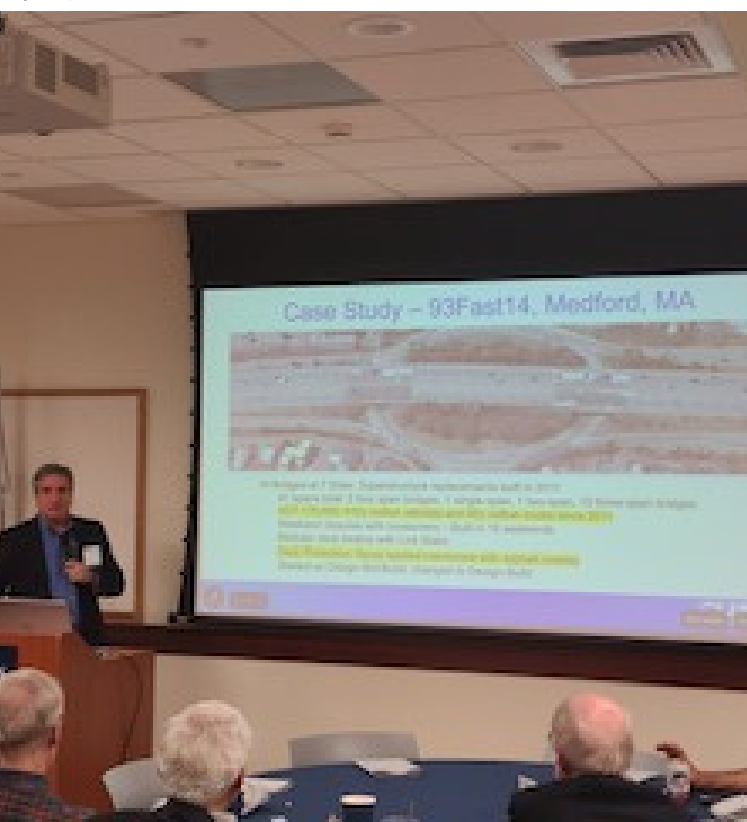
Mantagao (Monty) Du, P.E., Senior Geotechnical Engineer, Senior Vice President Geotechnical and Tunneling - New England, WSP

James Davis, P.E., Project Manager, GZA Geo-Environmental



At the November CSCE dinner meeting at Quinnipiac University, Michael Culmo, P.E., Chief Bridge Engineer at CHA, gave a presentation on the Long-Term Performance of Prefabricated Deck Level Connections, an Accelerated Bridge Construction technique, through use cases across three ConnDOT bridges.

Accelerated Bridge Construction has been in use in the United States for over 30 years. Engineers often express concerns with the durability of ABC technologies, especially with connections between precast elements. Bridge decks are exposed to some of the most challenging environments, especially in norther regions that use significant de-icing chemicals. The presentation focused on the long-term performance of deck level connections used in ABC including post-tensioned deck panels, longitudinal closure joints, and link slabs. Three projects and 9 bridges were highlighted with ages ranging from 13 to 35 years. The current conditions of these bridges were presented along with lessons learned for future projects.



CSCE YMG

NOVEMBER 5, 2024

CMAA JOINT SOCIAL

ASCE

AMERICAN SOCIETY OF CIVIL ENGINEERS

CONNECTICUT SOCIETY OF CIVIL ENGINEERS YOUNGER MEMBER GROUP

CMAA invited CSCE YMG to partner for a joint headshot social at The Truck Bar in Berlin, CT on November 5. The event included networking, cornhole, and dinner for attendees. Sai Akhil Narvaneni attended the event and took headshot photos of eight interested attendees free of charge. The event was well attended, and the two organizations were able to get to know each other's members better as well as learn about their other events.



CSCE YMG

NOVEMBER 7, 2024

UCONN OUTING



The YMG held an outing at the UConn Huskies Women's Basketball opening game versus the Boston University Terriers at the XL Center. We cheered the Huskies on to victory as they won 86 to 32. Before the game, attendees met for an informal social at Urban Lodge. Attendees were able to enjoy each other's company over drinks before heading into the game to witness a commanding win.



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 Coastal Engineering - Civil Engineer

RACE Coastal Engineering is seeking a Civil Engineer with 3-7 years of experience to support various waterfront projects. A Bachelor of Science Degree in Civil 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>

Cardinal Engineering Associates, Inc. - Civil Engineer

Cardinal Engineering Associates, Inc. a multi-disciplinary Consulting Engineering firm established in 1962 and centrally located in Meriden CT is seeking a Civil Engineer with expertise in water resources - hydrology and hydraulics, bridge hydraulics and scour analysis, roadway drainage design, stormwater management and Civil Engineers and Project Manager with well-rounded civil engineering experience. A B.S.C.E. degree and HEC-RAS and Civil3D experience is required. Cardinal also has positions open for CAD Technicians, Survey Technicians, and a Survey Party Chief.

Cardinal offers a competitive salary and a comprehensive benefits package. Interested candidates should send a cover letter and resume to jac3@cardinal-engineering.com



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.

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/>

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



89 Colony Street
Meriden, CT 06451
(203) 379-0320

EMPLOYMENT OPPORTUNITIES



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.

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 CONNECTING WITH SCHOOLS



For High 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

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 in the summer of 2024. 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