

OCTOBER 2023 NEWSLETTER



From the the Board

Dear CSCE Membership,

October was a busy month for CSCE with a dinner meeting, two webinars, and multiple Younger Members Group events. On October 18th, David Jacobs, Ph.D., presented the Challenges to High-Speed Rail in the United States to the CSCE membership at Quinnipiac University. He reviewed the significant history and background on the rail systems in the United States with a specific overview of the New England region. David provided several insights into the complications related to difficult geometry, historic elements, movable bridges, funding challenges and more that lead to the challenges for raising the speed on the rails here in the United States.

After this presentation, we hosted two webinars over the last 2 weeks. One webinar offered on October 24th featured David Nardone, the FHWA CT Engineering lead, who provided an overview to FHWA's involvement and insights into CT highway infrastructure. The second webinar was held on October 30th and highlighted the considerations that structural engineers should take into account when building above mines. Both presentations were well attended.

In addition, the CSCE Younger Members Group coordinated three successful Resume Reviews/Mock-Interviews conducted at Quinnipiac University, University of Hartford and CCSU. In total this month, over a hundred people attended or were involved with various CSCE activities. We have a number of exciting dinner meetings and other programming coming in November and December. I hope you are able to attend these events!

Best,

Aaron Foster, P.E. M. ASCE



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UPCOMING EVENTS

| | |
|-------------|-----------------------------|
| 11/01 | CAFM CONFERENCE |
| 11/02 | YMF HUNT'S POINT SITE VISIT |
| 11/14 | CSCE DINNER MEETING |
| 11/16-11/18 | ASCE INSPIRE CONFERENCE |
| 12/12 | CSCE DINNER MEETING |



YMF SITE VISIT

NOVEMBER 2, 2023
4PM - 6PM

The ASCE YMF will be visiting the Hunt's Point Interstate Access Improvement project in the Bronx. Please join them if you are interested in visiting the site.

What to Bring: Hard Hat, Safety Vest, Safety Glasses, Closed-Toe Shoes

RSVP: Megan Buchanan,
megan.buchanan@ascenyc.org



2023

**ANNUAL CONFERENCE
AND MEETING**

HOUSATONIC COMMUNITY COLLEGE | NOVEMBER 1

The Connecticut Association of Flood Managers (CAFM) is excited to partner with CSCE in holding its 10th Annual Conference and meeting on November 1, 2023 at

Housatonic Community College in Bridgeport.

Registration for attendees and vendors is available now, along with sponsorship information, at <https://ctfloods.org/events/>.

T5.0 NYS PDHs for NY Professional Engineers are available!

Speakers from CIRCA, DEMHS, DEEP, USGS, the Army Corps of Engineers, and the consulting community are confirmed relative to various topics affecting stormwater and floodplain management. In addition, a brief training on the new FEMA Elevation Certificate is planned. As always, attendance at the annual conference will grant CAFM membership for the following year.

November 14, 2023 CSCE Monthly Dinner Meeting (Earn 1 NYS PDH)
5:30-6:30 P.M. Registration & Social Hour
Followed by a Buffet Dinner & Presentation
Location: UNH Bartels Alumni Lounge
300 Boston Post Road, West Haven, CT

Please join CSCE at this meeting to hear about the latest activities of CSCE from the CSCE Board and the latest activities of the ASCE Student Chapter at UNH from UNH students, followed by a presentation by Andrew Foden, Ph.D., P.E., and Jordy Padilla, P.E., of HNTB on Ultra High Performance Concrete (UHPC) for Bridge Deck Rehabilitation.

Early Registration Rates Until November 7th:

CSCE Members (No NYS PDH): \$55, CSCE Members (1 NYS PDH): \$65

Non CSCE Members (No NYS PDH): \$65, Non CSCE Members (1 NYS PDH): \$75

Full Time Students (No NYS PDH): \$20, Unemployed CSCE Members (No NYS PDH): Free



**TRANSPORTATION
& DEVELOPMENT
INSTITUTE**
Connecticut Chapter



University of
New Haven

Meeting Co-Sponsors: CT Chapter of the ASCE Transportation & Development Institute and the ASCE Student Chapter at the University of New Haven

Registration information can be found on www.csce.org



EMPLOYMENT OPPORTUNITIES

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.

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

Langan is an affirmative action / equal opportunity employer

NVCOG - Environmental Engineer/Environmental Project Manager

The Naugatuck Valley Council of Governments (NVCOG) seeks candidates for the full-time position of Environmental Engineer/Environmental Project Manager to join the agency's Environmental Planning Team at a yearly rate of \$60,000-80,000. Applicants must have a bachelor's degree in civil or environmental engineering or an environment related field. Please submit a cover letter and resume to Aaron Budris, Environmental Planning Director, at jobs@nvcoget.gov. NVCOG is an equal opportunity employer.

Town of Bethel, CT - Civil Engineer

The Town of Bethel is seeking a Civil Engineer in its DPW. It is preferred that candidates have:

- a bachelor's degree in Civil Engineering
- CT Professional Engineer's license or ability to obtain license within 2 years
- Knowledge of Complete Streets principles & practices and CT MS4 requirements

Applications can be obtained at <https://www.bethel-ct.gov/employment> and sent to hr@bethel-ct.gov. Salary range: \$70,00-85,000, commensurate with experience. Full Benefits. EOE

Town of Wethersfield - Municipal Civil Engineer

The Town of Wethersfield is accepting applications for a Civil Engineer in the Engineering Department that will provide technical support for the planning, design and construction of a variety of municipal improvement projects with a salary range of approx. \$71,533-\$80,085. For additional information and an Employment Application, visit the Human Resources page of the Town's website at www.wethersfieldct.gov. This position will remain open until filled.



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.

EMPLOYMENT OPPORTUNITIES (Continued)

Town of Groton - Civil Engineer

The Town of Groton is seeking a full-time Civil Engineer. Knowledge and experience related to civil engineering, storm water conveyance, development processes/procedures and project management preferred. Certification as an Engineer-In-Training and proficient in AutoCAD desired. Salary range \$75,254-\$86,444. Excellent benefits package. For more information and to apply visit www.groton-ct.gov.

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.

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

VOLUNTEER OPPORTUNITIES

CSCE COMMITTEE OPENINGS

CSCE IS LOOKING FOR A VOLUNTEERS TO HELP WITH ACTIVITIES FOR CHAPTER COMMITTEES. FOR MORE INFORMATION ABOUT THE OPENINGS AND COMMITTEES, PLEASE SEND AN EMAIL TO CSCEINFO@GMAIL.COM

- **CAREER GUIDANCE**
- **CONTINUING EDUCATION**
- **HISTORY & HERITAGE**

Experts Wanted

University of Connecticut Associate Professor Wei Zhang, Ph.D., P. E., seeks a panel of experts to help students engaged in senior design projects. Senior design projects consume the entire the academic year.

The University understands not everybody can make a year-long commitment. Dr. Zhang would like to have some experts who can help periodically for technical questions as they arise. This will benefit his students when they need substantial help during their senior design. Of course, Professor Zhang welcomes experts who are able to commit to certain projects, especially competition related design projects. (A group of UConn students won a \$15,000 award last spring for their senior design project.)

Your expertise will enhance their learning experiences with direct interaction with professional engineers. Dr. Zhang needs professional engineers with experience in a wide range of disciplines and fields of design: structural engineering, geotechnical engineering, transportation engineering, site design, construction, coastal, water resources, and environmental engineering, etc.

Please contact Dr. Zhang wzhang@uconn.edu by email to express your willingness to assist and technical interests. Dr. Zhang will setup a virtual space for future correspondence with students.

UNIVERSITY OF HARTFORD

Professor Todd Brown from the University of Hartford is looking for help connecting students to the outside world with guest speakers, field trips and participation in professional organizations during the upcoming semester.

Professor Brown and his colleague, Song Wang, are planning to take civil engineering students on a field trip this fall to visit 3-4 construction sites within an hour's drive from Hartford. Site development, water/wastewater/stormwater, transportation, or buildings are all of interest. If you have a project that you believe would be a good fit, please send an email to tobrown@hartford.edu.

In addition, there are honors students looking for an independent research study for this year in the environmental/water field. Please email Professor Brown if you have a project involving modeling, sampling, data analysis, etc.



CSCE YMG UPDATE: CONNECTICUT FOREST & PARKS ASSOCIATION TRAIL WORKDAYS

Engineers Without Borders and the CSCE Younger Members organized a joint trail workday project with CFPA to build a new bridge on the trail at their Rockfall location. The workdays were held on two Sundays in order to complete the work. Materials were hauled out to the project location, the old bridge was removed, and the new one was constructed.

The event helped foster a relationship between two professional organizations and allowed civil engineers to apply their skills with a community service focus. It also let the groups cross-pollinate their membership, and CSCE YMG even gained a new board member.



The CSCE is the result of a merger of two organizations that occurred over 40 years ago. The Connecticut Society of Civil Engineers was founded in 1884, while the Connecticut Section of the American Society of Civil Engineers was founded in 1919. In 1958, the Section had 523 members. In 1955 (the nearest comparable year for reliable numbers), the Society had 1,033 members. The two organizations met separately until they merged in 1981, by mutual vote of membership, to become the Connecticut Society of Civil Engineers Section of American Society of Civil Engineers or CSCE.