

NOVEMBER 2023 NEWSLETTER



From the the President

Dear CSCE membership,

In November, we hosted a presentation on UHPC from Jordy Padilla-Solis and Andy Foden on this break-out technology. This technology has been assisting with difficult construction projects across the U.S. including the case study presented of the Delaware River bridge. This event was well attended within the industry and with a strong showing from the student members. Thank you to our two presenters.

We also had our fall younger members happy hour at Alvarium Brewery on November 16th. This event was organized by our Younger Members Group (YMG), including our YMG President, Thomas Wamser. This event was well attended and sponsored by HNTB.

Lastly, in December, we held an ethics webinar on the 4th and we are looking forward to the upcoming presentation on December 12th on pump stations in Stratford, CT, at CT State Community College - Three Rivers.

Best,
Aaron Foster, P.E. M. ASCE



2023 CSCE Dinner Meeting at University of New Haven, pictured above

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UPCOMING EVENTS

- 12/12 CSCE DINNER MEETING AT TRCC
- 1/25-27 MRLC FOR REGIONS 1, 2, 4 & 5
- 1/30 CSCE DINNER MEETING AT UHART
- 2/18-24 ENGINEERS WEEK
- 2/21 CSCE DINNER MEETING AT CCSU

CSCE DINNER MEETING

DECEMBER 12 - 5:30 PM

Please join CSCE at our monthly meeting at CT State Community College - Three Rivers on December 12, 2023. At this meeting, Ryan Benoit, P.E., of Tighe & Bond will give a presentation on the Wastewater Pumping Stations Rehabilitation Project in Stratford, CT, which was the winner of the 2023 ACE Award for Wastewater Infrastructure. This meeting is co-sponsored by the CT Chapter of the ASCE Environmental & Water Resources Institute and CT State Community College - Three Rivers. Attendees may earn 1 NYS PDH at this event.



CSCE ETHICS WEBINAR

CSCE held a webinar on ethics on December 4, 2023, that featured a presentation by Frederick Hedberg, partner at Robinson+Cole, on how to avoid engineering malpractice. Attendees earned 1 NYS PDH at this webinar. At this webinar, Mr. Hedberg discussed ethical and legal considerations with respect to the practice of engineering. Attendees learned tips and pitfalls to avoid to ensure compliance with different ethical codes and laws that are applicable to the engineering profession, and in so doing, to reduce the risk of committing engineering malpractice.

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. Langan is an affirmative action / EOE

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

Town of Groton, CT - Civil Engineer

The Town of Groton is seeking a full-time Civil Engineer, P.E. Duties include reviewing construction documents and plans for compliance with industry standards & guidelines, designing various civil engineering items such as drainage systems, & providing assistance to the public. Registered P.E. certification required. Certification as Land Surveyor and proficiency in AutoCAD preferred. Salary range \$88,002 - \$101,087. Excellent benefits package. To apply, visit www.groton-ct.gov.

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.

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)

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.



*Longest Steel Arch Bridge
South Street Over i-84 near Middlebury, CT*

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.

BEST OF CONNECTICUT

CSCE would like to gather together pictures from projects around Connecticut for its new Biggest in State campaign. The goal is to promote major civil engineering projects in Connecticut. If you know of the longest bridge, tallest building, deepest cut, highest embankment, etc. (be creative), please send a brief description and a photo of it to admin@csce.org for inclusion in the next CSCE newsletter and on the CSCE website.

*Below: Longest and Deepest Curved Steel Box Girder Bridge
I-84 Eastbound Ramp to I-291 Westbound, in Manchester, CT*





News from the CT Valley Chapter of the ASCE Geo-Institute

After hosting a successful GEO-CT Geotechnical Conference on September 22, 2023, the Chapter is now planning its Annual Spring Geotechnical Seminar that is scheduled for Friday, April 19, 2024, at the TPC River Highlands, Cromwell, CT. New York State Professional Development Hours (NYS PDHs) will be offered at this seminar.

If you have any suggestions for presentations at this seminar or would like to help with the activities of the CT Valley G-I Chapter, please send an email to csceinfo@gmail.com.

Since it was so active over the past year, the Chapter decided to submit a nomination to ASCE for an ASCE Geo-Institute Chapter Award in November. Here are some highlights from the nomination:

- Guest Lectures at the University of Connecticut at Storrs
 - To raise awareness of geotechnical engineering at the undergraduate level, the CT Valley G-I Chapter coordinated guest lectures at the University of Connecticut for the Fall 2023 Foundation Design undergraduate class
- Senior Capstone Project Assistance at the University of Connecticut
- Senior Capstone Project Assistance at the University of Massachusetts Dartmouth
- Geotechnical Engineering Scholarship
 - The scholarship is open to undergrad and graduate students within Connecticut who demonstrate an interest in geotechnical engineering via a project, internship, essay, or other methods. The scholarship application period is from January 15 to March 15 and will be awarded at the Spring Geotechnical Seminar held each April.

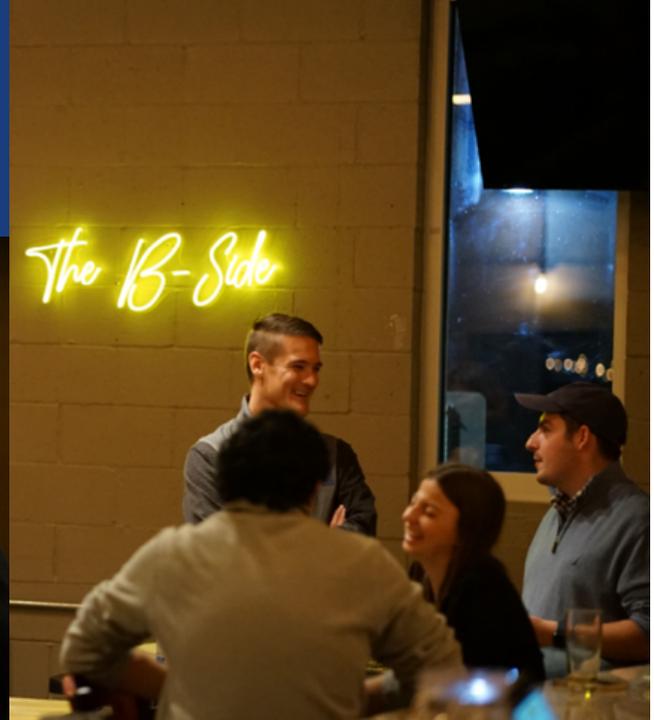


Clockwise, From Top Left: UConn students after presenting their award-winning senior design capstone project; Brian Eastman, P. E., Keller-North America shares his experiences as a practicing geotechnical engineer with University of Connecticut Foundation Design class students; UMass students meeting with Landon Barlow, P.E., of Haley Aldrich, Inc. to discuss their senior capstone project



CSCE YMG UPDATE: FALL SOCIAL - NOVEMBER 16

CSCE's YMG held a fall social at Alvarium in New Britain. Young industry peers were able to network while socializing and enjoying food and beverages. We reflected on our past events during 2023 and went over what was planned in the coming year.



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.