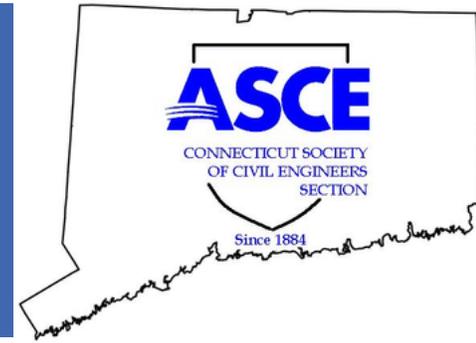


AUGUST 2023 NEWSLETTER



From the the Board

Dear CSCE Members,

We hope this newsletter finds you well and that you are enjoying the last days of summer! Our Younger Member Group (YMG) continues to be very active and has many events planned for this year. Earlier this month, CSCE YMG hosted a Resume Review at the University of New Haven and tonight, the YMG coordinated a trip to see the Hartford Yard Goats play the Richmond Flying Squirrels at Dunkin' Park. Next month, the YMG will be working together with volunteers from Engineers Without Borders on a trail workday in Rockfall, CT. You can read more about this event in this newsletter and if you are able to help out, please reach out to YMG President Tom Wamser at csceymg@gmail.com.

In addition to the YMG events, CSCE is hosting 2 professional development events this fall. On September 22, the CT Valley Chapter of the ASCE Geo-Institute is hosting its 2nd Annual GEO-CT Conference at the Sheraton Hartford South Hotel in Rocky Hill, CT. Then, on October 20, the CT Chapter of the ASCE Structural Engineering Institute will be hosting a Structural Engineering Seminar at the MDC Operations Facility and Training Center in Hartford, CT. Together, these events offer attendees the opportunity to earn 13 New York State Professional Development Hours (NYS PDHs). There is still room for more registrants at both events. Please visit www.geo-ct.org or www.csce.org for more information about how to register for them.

Finally, CSCE kicks off its series of monthly dinner meetings at the University of Connecticut at Storrs on Tuesday, September 26th, with a presentation by the CTDOT Commissioner Garrett Eucalitto. We are very excited to hear his thoughts on the state of the DOT. We hope you can make it to this meeting to hear his presentation, to hear about the latest activities at the ASCE Student Chapter at UConn and to catch up with friends and colleagues. We also hope you will be able to join us at one or more of our in-person and virtual events in 2023-24. There is something for practically everyone this year!

Sincerely, The CSCE Board

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2ND ANNUAL GEO-CT CONFERENCE

SEPTEMBER 22, 2023

SHERATON HARTFORD SOUTH

100 CAPITAL BOULEVARD, ROCKY HILL, CT

EARN 7
NYS
PDHS



SPONSORED BY:



A Division of CMC



REGISTRATION LEVELS BEFORE 9/1 (AFTER 9/1)

- ASCE MEMBER \$275 (\$325)
- ASCE NON-MEMBER \$350 (\$375)
- GOVERNMENT EMPLOYEE OR RETIRED PERSON \$100 (\$120)
- YOUNGER MEMBER (UNDER 35) \$175 (\$200)
- STUDENT/FACULTY \$25 (\$35)



For more information, please visit www.geo-ct.org

UPCOMING EVENTS

- 9/10: YMG TRAIL WORKDAY
- 9/22: GEO-CT CONFERENCE
- 9/26: CSCE DINNER MEETING
- 10/20: STRUCTURAL ENG. SEMINAR

TRAIL WORKDAY

SEPTEMBER 10, 2023 9:30 A.M.

**CFPA BUILDING
16 MERIDEN ROAD
ROCKFALL, CT**

CSCE YMG group is partnering with Engineers Without Borders on a trail workday for the Connecticut Forest & Park Association. The primary project will be replacing a footbridge. There will be a flat 1/2 mile hike into the work site.

Participants should bring lots of water, snacks, bug spray, sun block, rain gear, work gloves, backpack to carry your gear, and any personal items you need to spend a few hours in the woods. Please be sure to wear long pants & sturdy closed-toe shoes. No pets please. All tools will be provided.

Please email CSCEYMG@gmail.com or TJWamser@tighebond.com if you can help at this event



CSCE STRUCTURAL ENGINEERING SEMINAR

**OCTOBER 20, 2023
8:00-4:00 P.M.**

**STRUCTURAL
INSPECTION &
REHABILITATION**



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

**SAVE
THE
DATE**

EARN 6 NYS PDHS

**Register
on
www.csce.org**

Featured Speakers & Presentations

Amir Bozorghaddad, Brightcon, LLC ~ Geo-Structural Instrumentation and Monitoring: Safeguarding Structures and Enhancing Performance

Mahmood Mohammed, P.E., and Jackson Eno, ATANE Consulting ~ Innovative Approaches to Bridge Inspection, Load Rating and Repair

Mike Giacco and Kevin Hussain, AI Engineers ~ Enhancing Structure Inspection with Advanced Technology

Michael Grilliot, Ph.D., NHERI RAPID Facility ~ Advanced Inspection Techniques for Post-Disaster Evaluation

Suhail Albhaisi Ph.D., P.E., P.Eng., STANTEC ~ Rehabilitation of Major Bridges in Urban Areas

Travis Green, WJE ~ Bridge Inspection/Life Cycle Analysis/NDT



SEPTEMBER CSCE DINNER MEETING

Please join CSCE at our monthly meeting at the Graduate Hotel at the University of Connecticut, Storrs, CT, on Tuesday, September 26, 2023 from 5:30 to 9:00 PM. At this meeting, CTDOT Commissioner Garrett Eucalitto will give a presentation on the latest activities of the Connecticut Department of Transportation (CTDOT).

EMPLOYMENT OPPORTUNITIES

TPA Design Group – Civil Engineer

TPA Design Group - Civil Engineer - TPA Design Group is a multi-disciplinary consulting firm with over 75 years of experience in providing site planning, engineering, and landscape architecture services to clients throughout Connecticut and New England.

We are seeking a Connecticut-licensed PE with at least five (5) years of practical experience including hydrology, storm drainage and sanitary sewer design, utility layout, site and roadway layout, grading and erosion control.

The ideal candidate will demonstrate competency with basic professional skills including ability to communicate verbally and in writing with colleagues, allied disciplines, clients, and the public. Proficiency with AutoCAD Civil 3D and Hydrologic/Hydraulic modeling software is required. Candidates should have prior experience and good working knowledge of local, state, and federal permit processes including presentations before municipal and/or regulatory review boards. This position involves occasional travel within Connecticut for field work and meetings.

Salary range for this position is \$125,000 to \$150,000 to be negotiated based upon experience and project examples. This position is for full-time employment (40 hours per week) and includes health, dental, and other benefits. Remote work and/or work from home arrangements will be considered.

TPA Design Group is an Equal Opportunity Employer. Please send a cover letter and resume in confidence to: TPA Design Group, 85 Willow Street, New Haven, CT 06511. For more information, please contact David Golebiewski, david@tpadesigngroup.com.



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 admin@csce.org or csceinfo@gmail.com. Once that information is received, CSCE will provide a cost estimate to you.

EMPLOYMENT OPPORTUNITIES (Continued)

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

GNCB - Senior Geotech Engineer

GNCB seeks Sr. Geotech Engineer to serve as Project Manager. Responsibilities: Manage projects including all aspects of field & lab investigations, project design, & construction administration; prepare budgets, proposals, reports & contracts; build and maintain Client Relationships. Minimum Quals: B.S. or M.S. in Civil Engineering with geotech concentration; P.E. in Connecticut; 8 to 12 years' experience showing proficiency in job responsibilities & knowledge of local subsurface conditions.

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

**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**

EMPLOYMENT OPPORTUNITIES (Continued)

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.

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.

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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

Career Guidance Committee

A volunteer is needed to manage CSCE's Career Guidance Committee for 2023-24. This Committee provides information on civil engineering to the public, school libraries, high school guidance personnel and students (K-12) to aid them in their choice of career and to provide them with useful information about preparing for a career in civil engineering. If you would be interested in helping out with similar activities and/or managing this Committee, please send an email to csceinfo@gmail.com.

Continuing Education Committee

Volunteer Opportunity Do you have ideas for Continuing Education Events for Civil Engineers in CT? A volunteer is needed to manage the CSCE Continuing Education Committee for 2023-24. This Committee: Manages the continuing education activities in the Section consistent with the overall goals of the CSCE Board Assists other committees and Institute Chapters with their continuing education events like the GEO-CT Geotechnical Conference and the Structural Engineering Seminar in the fall and the Geotechnical Engineering Seminar in the spring Sponsors continuing educational activities that are not sponsored by other Section Committees or Chapters of ASCE Institutes. If you are interested in managing CSCE's Continuing Education events in 2023-24, please send an email to csceinfo@gmail.com.

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.

A volunteer is needed to manage CSCE's History & Heritage Committee for 2023-24. If you would like to learn more about this opportunity, please send an email to csceinfo@gmail.com.



ACTIVITIES OF AFFILIATED ORGANIZATIONS

30th Annual Induction Ceremony at the Connecticut Women's Hall of Fame

This year's ceremony has the theme of, "Women Who Build," and will be on October 26, 2023, at 6:00 p.m. at the Bushnell Performing Arts Center in Hartford, CT. There are opportunities for sponsorships of the Induction Ceremony and related Educational Programs. Please see the link below for more information.

<https://www.cwhf.org/induction-ceremony>

Also, Females in STEM can volunteer for one of the Hall of Fame's STEMFEMS hands-on activity days for middle school girls. <https://www.cwhf.org/stemfems-events>

Recent Passings of CSCE Members

Sherwood "Woody" Turkington Bothwell, Jr., P.E., 90, of Stafford Springs, CT, passed away July 3, 2023. He was born in Hartford, CT, studied civil engineering at UCONN and was a member of Theta Xi Fraternity. Woody served our country in the United States Army during the Korean War. He and his wife lived in Portland, CT for 44 years before moving to Stafford Springs. He retired from the State of Connecticut Department of Transportation as Chief of Design Services after a 36 year career. Throughout his life, he enjoyed spending time outdoors, camping, hunting and fishing.

CIVIL ENGINEERING NEWS FROM AROUND THE STATE

The U.S. Army Corps of Engineers, New England District announced that USACE and the Engineer Research and Development Center (ERDC) will begin applying Rhodamine WT (RWT) tracer dye in August at multiple sites along the lower Connecticut River to better understand water exchange dynamics as part of a research project.

USACE is working in partnership with the Lower Connecticut River Valley Council of Governments and the Connecticut Agricultural Experiment Station to conduct a research and demonstration project to better understand and control the invasive aquatic plant hydrilla (*hydrilla verticillata*) that is currently spreading throughout the lower Connecticut River and its tributaries. To control and eradicate hydrilla, USACE and ERDC plan to treat several sites on the river during the summer of 2024.

www.nae.usace.army.mil



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.