



CT's Civil Engineering Newsletter

January 2020

January 8, 2020

Connecticut Society of Civil Engineers
PO Box 1101
Deep River, CT 06417

A Message from your 2019–2020 CSCE President

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Dear CSCE Members,

I hope everyone had a safe, restful, and connective holiday season! My wife, three young kids and myself made the most out of Christmas and New Year's Eve despite a bad stomach bug...not exactly part of the original plans to say the least!

We have exciting meetings planned for the next two months! First, David Jacobs, P.E., F.ASCE will be speaking on Railroad Bridges on January 28 at the Yale Graduate Club in New Haven.

Second, I am very excited about the February 11 meeting at Quinnipiac University where Ellen Ornato and Jenny Drescher from The Bolder Company will speak on "Raising Your Emotional Intelligence, Lower Your Stress". This will not be your average CSCE dinner meeting – participants will interact, engage, and get to know people in the crowd who you probably see at dinner meetings, but never get a chance to speak to! We hope to give the participants new skills and something valuable to take back home and work.

As always, CSCE is encouraging and accepting new volunteers. If you are interested in volunteering on a CSCE committee or technical institute, please reach out to us via email or talk to us at the next event. I have had a wonderful time serving on the CSCE Executive Board and Geo-Institute committees over the past few years and would encourage any of you to participate!

Sincerely,

Benjamin Cote, P.E., M. ASCE

[http://
sections.asce.org
/connecticut/](http://sections.asce.org/connecticut/)

www.csce.org

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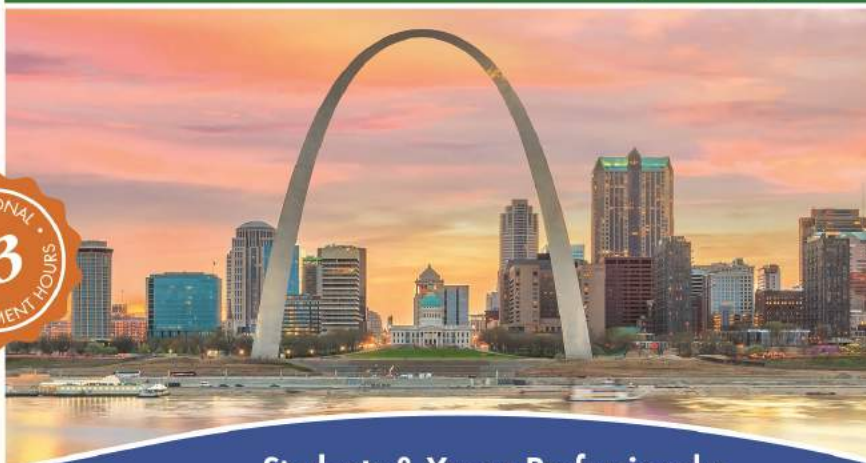
Opening Keynote:

Generations@Work
with Sarah Sladek,
CEO of XYZ University

Learn how to make the most
of multi-generational teams.



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STRUCTURES CONGRESS APRIL 5-8 | ST. LOUIS

For More Information visit
www.structurescongress.org

#STRUCTURES20

The American Society of Civil Engineers (ASCE) is in the process of re-writing the ASCE Code of Ethics for our profession and is seeking input from members. The re-write of the ASCE Code of Ethics is intended to incorporate the intent of the current code in a prioritized, easier to use format for practicing engineers. The current draft is available for comment until January 20, 2020 to members at:

<https://www.asce.org/draft-coe-feedback/>

You will need to log in as a member on the ASCE Website and provide your ASCE member number to provide feedback.

Railroad Bridge Engineering

JANUARY 7 & 8, 2020 • 8:00 AM – 4:00 PM EACH DAY
CONSTRUCTION INSTITUTE • 260 GIRARD AVENUE, HARTFORD, CT

MEMBERS: \$595 • NON-MEMBERS: \$795 (Lunch provided each day)
DISCOUNTED STUDENT RATE AVAILABLE* (see below for details)



2-DAY COURSE DETAILS

The Department of Civil and Environmental Engineering and the Construction Institute at the University of Hartford are offering a 2-day course for practicing engineers on the design and rating of steel railroad bridges, including movable bridges. It is assumed that course participants will have a background in structural engineering, but not specifically in the field of railroad bridges.

Each student will receive copies of portions of the AREMA specifications sections relating to bridge design and rating, in addition to the PowerPoint presentation used during the lecture.

LEARNING OBJECTIVES

1. To cover the basics of the different types of railroad bridge decks.
2. To cover the current AREMA code requirements regarding steel bridges.
3. Go through a detailed step-by-step design of a railroad bridge, as well as the rating of an existing bridge.
4. Although concentration will be on steel bridges, discussion of concrete and wood structures will also be included.

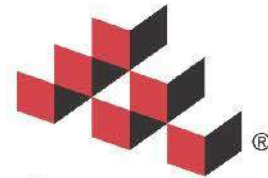
WHO SHOULD ATTEND

- Civil engineers with a good structural background but no railroad engineering experience.
- Consultants, contractors and municipal and state officials who supervise or review railroad bridge design and construction activities.
- Students interested in the subject of railroad bridges.

REGISTER ONLINE:

construction.org

*Students of the following universities may attend for a discounted rate of \$40: University of Hartford, University of Connecticut, Central Connecticut University, University of New Haven, Quinnipiac University, Coast Guard Academy. University ID number and email address is required at the time of registration.



Construction Institute

INSTRUCTOR:

David Jacobs, M.S., PE,
 University of Hartford

David Jacobs teaches at the University of Hartford. He is retired from Metro-North Railroad and is an experienced senior manager. He was PM on Metro-North's PECK drawbridge (Bridgeport), reconstruction of Manhattan's Park Avenue tunnel and rehabilitation of Metro-North's five movable bridges. Mr. Jacobs was the Connecticut Society of Civil Engineers 2019 recipient of their prestigious Benjamin Wright Award. He is currently working as a consultant on the design of the new Metro-North RR vertical lift bridge in Norwalk.



Construction Institute is an AIA Registered Provider, CCM Recertification Point Provider and NYS approved sponsor of CE PDH - NYS sponsor # 9040.

construction.org

For more information, contact Chris Kullstroem: 860-768-5869 or ckullstroem@construction.org

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GET INVOLVED IN CSCE!!

Do you want to be more involved in CSCE?

Are you interested in participating in CSCE as a member of a Committee, Group, or Institute?

We are looking for people like you!

Contact our 2019-2020 President Ben Cote at

BCote@geopier.com to find out how you can get more involved.

Together we can make

“A Better World by Design”!!

Any and all involvement is WELCOME!!

UPCOMING CSCE EVENTS -

January 28 (Tuesday) - Monthly Dinner Meeting at the Yale Graduate Club in New Haven, CT. David Jacobs, P.E., F.ASCE will discuss the behaviors of eyebars on the Devon Bridge. [Click here to Register.](#)

February 11 (Tuesday) - Monthly Dinner Meeting at Quinnipiac University. Ellen Ornato and Jenny Drescher from the Bolder Company will be presenting on how to Raise Your Emotional Intelligence and Lower Your Stress. [Click here to Register.](#)

February 28 (Friday) - Younger Member Social at the Alvarium Beer Company. Contact Jodi.Greene@wsp.com for more information.

March 10, 2020 (Tuesday) - Monthly Dinner Meeting at the Norwalk Inn. The CSCE Fairfield Country Branch will be hosting this month's meeting. Topic TBD. [Click here to Register.](#)

April 17 (Friday) - 10th Annual Spring CSCE Geotechnical Workshop at the University of New Haven. This year's topic is Geo-Medley: Lightweight Fill, Big Data, and Everything in Between. [Click here to Register.](#)

Are you familiar with CSCE's website?

<http://sections.asce.org/connecticut/>

or www.csce.org

**Visit our website for the latest news,
committee events, and activities.**

For Members 35 Years or Younger

CSCE Younger Members Committee

The CSCE Younger Members Committee encourages the full professional development of engineers who are 35 years of age or younger and endeavors to increase their participation in CSCE and ASCE activities. Please contact Jodi Greene, Younger Members Committee President, at Jodi.Greene@wsp.com or the CSCE— Younger Members Facebook page for more information about the activities of this Committee.

Younger Members on Facebook visit our Facebook page to stay updated with past and upcoming Younger Member social and professional events. Search for CSCE Younger Members or follow the link <https://www.facebook.com/CSCEYM> and like the group.



**EMPLOYMENT
INFORMATION**

[\(Click Here to see
classifieds\)](#)

ASCE Career
Connections:

Unemployed? ASCE
National has a program
to waive dues of
unemployed members.
For more information,
please write to:

ASCE

Attn: Member Services
Dept.

1801 Alexander Bell Drive

Reston, VA 20191-4382

Toll free: 1-800-548-ASCE

Direct: 703-295-6169

Fax: 703-295-6335

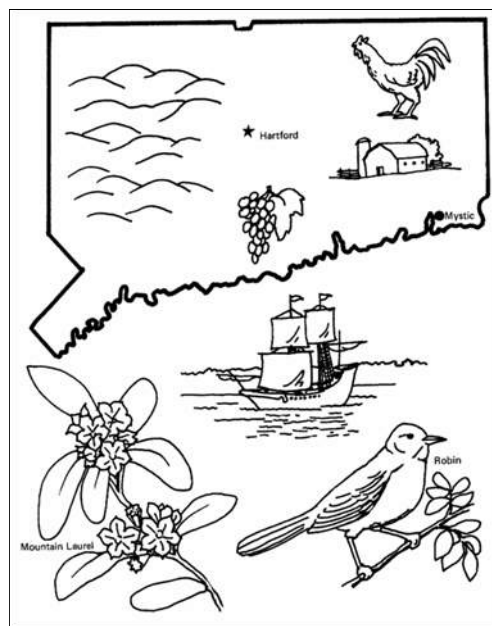
Or send an email to
memapp@asce.org

Younger Members Committee Events

The CT Younger Members Winter Brewery Social is coming up! Thanks again to Alvarium Beer Company and our sponsors for helping us with the event. Contact the Younger Members Committee President, Jodi Greene.

If you have any ideas or would like to request an event at your College/University, please contact the Younger Members Committee President, Jodi Greene.

Check out the Younger Members Committee Facebook page at <https://www.facebook.com/CSCEYM> for other upcoming events.



CSCE is soliciting pictures and projects of your favorite Civil Engineering landmarks in CT. The goal is to broadcast the civil engineering projects in Connecticut to our readers. If you have pictures of bridges, buildings, deep cuts, high embankments, monstrous retaining walls, even miniature construction sites, etc. (be creative!) send us a brief description and photograph and we will include it in the next CSCE newsletter. Please send all the information to:

Jagaczewski@gncbengineers.com

Are you a recent college graduate or about to be? Do you know someone who is? Stay with ASCE!!

Did you know that ASCE offers pro-rated discounted membership dues for recent college graduates? For more information visit <http://www.asce.org/membership>

Are you a “Younger Member”?

A Younger Member is considered to be 35 years of age or younger. The Younger Member Committee fosters the professional growth, ethical awareness, and technical competence of the Section’s younger members. The Committee meets once a month, and organizes several activities throughout the year, including those for fun and community service. Check future issues of this newsletter for upcoming events. If you are interested in joining the committee or want more information, contact Jodi.Greene@wsp.com.



HONORS AND AWARDS

ASCE’s Honors and Awards program recognizes the remarkable accomplishments of the civil engineering profession. With more than 80 awards, the program distinguishes the unique contributions engineers make to both the industry and society.

ASCE has many honors and awards to recognize deserving members. For a complete listing of all ASCE awards, please visit www.asce.org/awards.

YOUR AD CAN GO HERE!

**Get your job posting, message, or advertisement included
within one or multiple CSCE Newsletters.**

For rates and availability: <http://sections.asce.org/connecticut/resources>

The Connecticut Society of Civil Engineers was formed in 1884. Separately, the Connecticut Section of the American Society of Civil Engineers (ASCE) was founded in 1919. The two organizations merged in 1981. We represent about 1,600 civil engineers statewide.

2019 – 2020 CSCE Executive Board

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Open

Continuing Education

Open

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Employment Opportunities



Conlon Engineering, LLC

Conlon Engineering, LLC

Structural Engineer

Job Posted: December 31, 2019

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.



CME Associates

Senior Bridge Engineer

Job Posted: December 6, 2019

CME Associates, Inc. a multi-disciplinary engineering firm is seeking a full-time Senior Bridge Engineer to work in CT. The ideal candidate will have a B.S. in Civil Engineering with 10 yrs. experience in bridge engineering. In this position, you would serve in a lead role in the design, analysis & detailing of structural transportation projects, as well as mentor & provide technical direction for our technical staff. For more information please visit cmeengineering.com.



CME Associates

Project Engineer

Job Posted: September 23, 2019

CME Associates, Inc. is looking for a Project Engineer to assist in the oversight of State & municipal bridge & roadway projects, designed by third-party entities, as part in our CLE Dept in our East Hartford office. The ideal candidate for this mid-level position will have a B.S. in Civil Engineering & 8-10 yrs experience with CT bridge rehab/replacement projects using State funding. Please visit our website for complete details: www.cmeengineering.com. CME is an EOE/AA/VEV/Disabled Employer.



Siefert Associates, LLC
Assistant Engineer (EIT)
Job Posted: August 15, 2019

Siefert Associates, LLC is seeking an Assistant Engineer (EIT). Position participates in all phases of the design process, including assessing performance of engineering systems, and determining innovative solutions to challenging construction problems.

Project sites are in CT, NY & NJ. Self-motivated, proficiency in MathCAD/AutoCAD preferred; previous construction experience is helpful. B.S./B.E. in Civil Engineering. EIT certified or in pursuit. 0-2 yrs experience.



Siefert Associates, LLC
Assistant Geotechnical Engineer
Job Posted: August 15, 2019

Siefert Associates, LLC is seeking an Asst. Geotechnical Engineer. Prepare calcs, drawings, engineering reports, inspect as-built conditions, monitor subsurface exploration, soil testing. Projects include SOE for heavy construction, design & installation of waterfront structures, utility protection, foundations, analyses for slope stability & equipment surcharge, methods of soil improvement. EIT certified or in pursuit. 0-2 yrs experience. MS preferred.



Siefert Associates, LLC
Structural Project Engineer
Job Posted: August 15, 2019

Siefert Associates, LLC is seeking a Structural Project Engineer with 5-10 yrs experience in Construction Engineering. Will prepare calcs, design drawings, perform site visits, review lower level engineers' work, manage jobs, communicate with clients, attend client events. Project types include design of temporary support structures, construction loading on structures, engineered lift plans, demolition/erection plans, rigging design and crane layout plans.



Siefert Associates, LLC
Senior Project Engineer
Job Posted: August 15, 2019

Siefert Associates, LLC is seeking a Structural Engineer for a highly responsible Senior Project Engineer Position. Senior Project Engineer will serve in a lead technical role on bridge design projects & perform complex structural analysis & design for all structural aspects of highway & rail bridge projects. Responsible for the Project Management of large-scale multifaceted engineering projects, often on advanced deadlines, and will be responsible for the primary Supervision of mid-level engineers. Design Build Experience. 10+ year experiences, MS preferred.



RACE Coastal Engineering
 Engineer
 Job Posted: June 21, 2019

RACE Coastal Engineering seeks an engineer with expertise in structural, geotechnical or coastal engineering (3 - 5 years of experience preferred) combined with a comfort level of being around and on the water to support various waterfront projects, including analysis, design and preparation of plans and technical specifications for piers, wharves, mooring structures, bulkhead, seawalls, dredging and other projects. For more information, visit

<https://www.racecoastal.com/engineer>



Nathan L. Jacobson & Associates
 Project Engineer
 Job Posted: May 22, 2019

Established Civil and Environmental Engineering firm seeking highly motivated technical personnel with excellent communication skills for a full-time Project Engineer position. Minimum BS degree in Civil Engineering and 3-5 years' experience in general municipal engineering and infrastructure improvement projects. EIT, and AutoCAD Civil 3D experience, required. An Equal Opportunity Employer. For more information and to apply, visit our website;

www.nlja.com.



**DOWN TO EARTH
 CONSULTING, LLC**
GEOTECHNICAL AND ENVIRONMENTAL ENGINEERING

Down To Earth Consulting, LLC
 Staff Engineer/Geologist
 Job Posted: May 9, 2019

Down To Earth Consulting is seeking a Staff Engineer/Geologist to join our geotechnical engineering group in Naugatuck, Connecticut. The successful candidate should have a Bachelor of Science degree in geology or engineering; 0 to 5 years of experience; any work or schooling focused on geotechnical engineering is a plus. 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.



Pereira Engineering
 Survey Technician
 Civil • Environmental • Land Surveying
 Job Posted: February 1, 2019

Pereira Engineering is an established Civil/Environmental/Land Surveying firm located in Shelton, CT. PE is seeking an experienced Survey Technician with a minimum of five (5) years' experience in all facets of land surveying from boundary surveying to construction layout. Duties include field surveying, downloading/uploading survey data, land

record research, and AutoCAD drafting. PE offers a very competitive salary and benefits. Please email resume to: joe.pereira@pereiraeng.com



LANGAN - Civil Engineer - Entry Level (31864)

Job Posted: January 14, 2019

Langan has an opening for a Site Civil Engineer in New Haven, CT. This is an entry level position, best suited for those candidates with 0-2 years of experience. The successful candidate will possess interest in working on & learning about site/civil land development design gaining experience designing commercial, residential, mixed-use, & industrial properties. Apply at: www.langan.com/careers