



CT's Civil Engineering Newsletter

# April 2020

April 2, 2020

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

## A Message from your 2019–2020 CSCE President

### INSIDE THIS ISSUE:

Upcoming CSCE Events	2
Geotech Workshop Program	3
Younger Members Event	4
Employment Opportunities	9

Dear CSCE Members,

I hope this newsletter finds you safe, healthy, and at home! I have worked in a home office for the past 4 years, although not in such chaotic times as these with my wife and three kids also home. As many challenges as it presents, I am grateful for our health, jobs, electricity, internet service, food and whatever limited supply of toilet paper we have left!

To say the least, these are unprecedented times. Unfortunately, CSCE had to make the difficult decision to cancel our remaining spring dinner meetings, the April Geotechnical Workshop, and the ACE Awards.

Fortunately, you can still connect with CSCE through this newsletter, as well as our emails and webpage for updates. In addition, our Executive Board has been actively meeting on Zoom to work on items such as providing New York State PDH credits for all dinner meetings, establishing a new Transportation & Development Institute (T&DI) chapter in Connecticut, and of course rescheduling the ACE Awards for fall 2020. And for now, our summer and fall events (the Golf Outing in July and the Geotechnical Seminar in September) are still currently on as scheduled.

**Thinking ahead, CSCE is actively looking for volunteers for the executive board – the secretary and newsletter editor positions are currently open for the 2020-2021 season!** These seats lead to the eventual promotion through the executive board positions to CSCE President starting in 2025. You would get the opportunity to work with an amazing team of George, Brianna, Scott and Aaron. And don't forget our real star, Amy Petrone!

If you or someone you know would be interested in one of these positions, or if you have any questions about the positions, please feel free to reach out to me via my email below.

To your health,

Benjamin Cote, P.E., M.ASCE

CSCE President

[bcote@aeroaggregates.com](mailto:bcote@aeroaggregates.com)

[www.csce.org](http://www.csce.org)

A Better World By Design



## **CORONAVIRUS DISASTER RELIEF FOR SMALL BUSINESSES**

Governor Lamont recently announced that the U.S. Small Business Administration (SBA) will be accepting applications from qualifying Connecticut businesses for economic injury disaster loans of up to \$2 million. These loans may be used to pay fixed debts, payroll, accounts payable, and other bills that can't be paid because of the impact of the coronavirus pandemic. [Apply for assistance online](#) or in person at any Disaster Recovery Center. Contact the customer service team at (800) 659-2955 or [disastercustomerservice@sba.gov](mailto:disastercustomerservice@sba.gov) with question, or call the Department of Economic and Community Development (DECD) at (860) 500-2333 for more information.

## **UPCOMING CSCE EVENTS -**

**All CSCE Events for the months of April, May, and June are cancelled due to the Coronavirus Disease (COVID19) Pandemic.**

**We wish our members the best of health.**

**The 13th Annual Achievement in Civil Engineering Awards will be postponed until fall 2020.**

**July 17 (Friday)** - 10th Annual 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](#) and to find Sponsorship information.

**July 17, 2020 (Friday)** - 25th Annual Golf Outing. Save the Date!

**September 25 (Friday)** - 23rd Annual Fall CSCE Geotechnical Seminar at the Sheraton Hartford South. This year's topic is Coastal Resiliency, Climate Change, and Geotechnical Engineering. [Click here for more information.](#)



**10<sup>th</sup> Annual CSCE Spring Geotechnical Workshop  
Geo-Medley: Lightweight Fill, Geotechnical Data, and  
Everything in Between**

University of New Haven - Bartels Alumni Lounge  
July 17, 2020 - West Haven, CT



**GEO-  
INSTITUTE**  
Connecticut Valley  
Chapter

*Questions and discussion will be encouraged throughout the day.*

**NOTE – CSCE is applying to PIE for 7 New York State PDHs for this Workshop**

**Program**

7:00 AM-8:00 AM	Breakfast and Registration
8:00 AM-9:00 AM	<b>Where are the Giants? An Inspiration from George Sowers</b> Bob Bachus, Ph.D., P.E., D.GE, Geosyntec Consultants
9:00 AM-10:00 AM	<b>Lightweight Fill: Introduction, Historical Perspective, Terminology, and Available Resources</b> Vern Schaefer, Ph.D., P.E., Iowa State University
10:00 AM-10:15 AM	Break
10:15 AM-11:15 AM	<b>A Perspective on Mechanically Stabilized Earth Walls: Pushing the Limits or Pulling Us Down</b> Bob Bachus, Ph.D., P.E., D.GE, Geosyntec Consultants
11:15 AM-12:15 PM	<b>Lightweight Fill Materials and Construction</b> Vern Schaefer, Ph.D., P.E., Iowa State University
12:15 PM-1:00 PM	Lunch
1:00 PM-2:00 PM	<b>Geotechnical Data is now Big Data and We Cannot Handle It</b> Bob Bachus, Ph.D., P.E., D.GE, Geosyntec Consultants
2:00 PM-3:00 PM	<b>Lightweight Fill Design, Quality Assurance, and Construction Specifications</b> Vern Schaefer, Ph.D., P.E., Iowa State University
3:00 PM-4:00 PM	<b>Lightweight Fill Cost Data and Available Information on GeoTechTools</b> Vern Schaefer, Ph.D., P.E., Iowa State University
4:00 PM-4:15 PM	Closing Remarks

**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

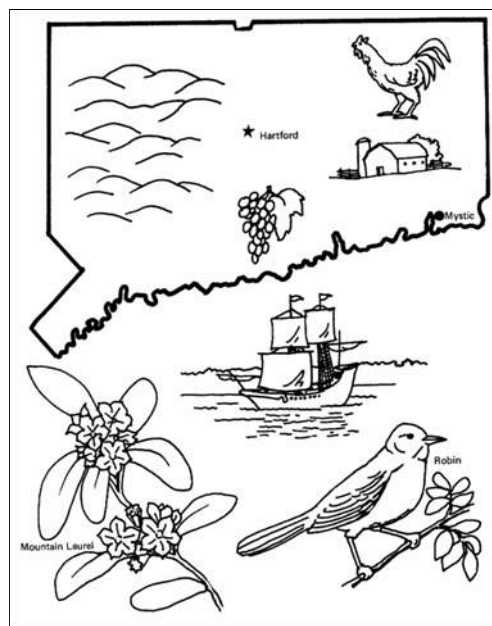
Or send an email to  
[memapp@asce.org](mailto:memapp@asce.org)

**Younger Members Committee Events**

The CT Younger Members Spring Brewery Social has been cancelled in response to the Coronavirus Disease (COVID19) Pandemic.

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, P.E. at [Jodi.Greene@wsp.com](mailto:Jodi.Greene@wsp.com).

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](mailto:Jagaczewski@gncbengineers.com)

---

## **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, P.E., Younger Members Committee President, at [Jodi.Greene@wsp.com](mailto: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.



## 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](http://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**

### *President*

**Benjamin Cote, P.E.**

Aero Aggregates North America  
165 Taylor Road  
Colchester, CT 06415  
860-531-9137 (Office)  
860-373-4841 (Mobile)  
BCote@aeroaggregates.com

### *President –Elect*

**George Gerard, P.E.**

WSP USA  
500 Winding Brook Drive  
Glastonbury, CT 06033  
860-815-0290 (Direct)  
George.Gerard@wsp.com

### *Vice President*

**Brianna Maljanian, P.E.**

WSP USA  
500 Winding Brook Drive  
Glastonbury, CT 06033  
860-815-0282 (Direct)  
Brianna.Maljanian@wsp.com

### *Treasurer*

**Scott Nolan, E.I.T.**

Milone & MacBroom, Inc.  
99 Realty Drive  
Cheshire, CT 06410  
860-652-5799 (Mobile)  
SNolan@mminc.com

### *Secretary*

**Aaron Foster, P.E.**

CME Associates  
101 East River Drive  
East Hartford, CT 06108  
860-290-4100 (ext. 1172) (Direct)  
AFoster@cmeengineering.com

### *Director I*

**David Chapman, P.E.**

Blakeslee Arpaia Chapman  
200 North Branford Road  
Branford, CT 06405  
203-627-7097 (Mobile)  
dchapman@bac-inc.com

### *Director II*

**Christopher Beaulieu, P.E.,  
LEED AP BD+C**

Kellville Enterprises, Inc.  
1331 Silas Deane Highway  
Wethersfield, CT 06109  
860-966-2670 (Mobile)  
Christopher.s.Beaulieu@gmail.com

### *Newsletter Editor*

**Amy Jagaczewski, P.E.**

GNCB Consulting Engineers  
1358 Boston Post Road, 2nd Floor  
Old Saybrook, CT 06475  
860-388-1224 (Ext. 130) (Direct)  
Jagaczewski@gncbengineers.com

### *ASCE Region 1 Society Director*

**Anthony Cioffi, P.E., M.ASCE**

tcioffi@citytech.cuny.edu

### *ASCE Region 1 Governor*

**Danielle H. Spicer, P.E.**

dspicer@greenintl.com

## *Committee Chairs*

### *Career Guidance*

#### **Benjamin Cote, P.E.**

Aero Aggregates North America  
165 Taylor Road  
Colchester, CT 06415  
860-531-9137 (Office)  
860-373-4841 (Mobile)  
BCote@aeroaggregates.com

### *Legislative Affairs*

#### **Roy Merritt, P.E.**

H.W. Lochner  
424 Chapel Street  
New Haven, CT 06511  
203-752-1830 (Direct)  
860-670-7540 (Mobile)  
rmerritt@hwlochner.com

### *Scholarship Fund*

#### **Jim Sime, P.E.**

136 Jessica Drive  
East Hartford, CT 06118  
860-569-4186 (Direct)  
james.sime@skiltons.org

### *Website*

#### **Open**

### *Continuing Education*

#### **Open**

### *History & Heritage*

#### **Randall States, P.E.**

306 Humphrey Street  
New Haven, CT 06511  
203-530-9761 (Mobile)  
rtstates@yahoo.com

### *Younger Members*

#### **Jodi Greene, P.E.**

WSP USA  
500 Winding Brook  
Glastonbury, CT 06033  
860-815-0301 (Direct)  
Jodi.Greene@wsp.com

### *Programs*

#### **Jeff Benoit, P.E.**

40 Taft Pond Road  
Pomfret Center, CT 06259  
860-974-2572 (Direct)  
jeffbenoit@earthlink.net

### *Government Engineers*

#### **Rabih Barakat, P.E.**

CT Dept. of Transportation  
2800 Berlin Turnpike  
Newington, CT 06131  
860-594-3389 (Direct)  
rabih.barakat@sbcglobal.net

### *ASCE LTC*

#### **Jason Waterbury, P.E.**

The MDC  
555 Main Street, P.O. Box 800  
Hartford, CT 06142-0800  
860-278-7850 (Ext. 3380) (Direct)  
860-209-8181 (Mobile)  
jwaterbury@themdc.com

### *Water Resources*

#### **Tom Loto, P.E.**

AECOM  
500 Enterprise Drive, Suite 1  
Rocky Hill, CT 06067  
860-263-5862 (Direct)  
860-830-1418 (Mobile)  
tom.loto@aecom.com

## Institutes

*Connecticut Valley Geo-Institute*

**Benjamin Cote, P.E.**

Aero Aggregates North America

165 Taylor Road

Colchester, CT 06415

860-531-9137 (Office)

860-373-4841 (Mobile)

BCote@aeroaggregates.com

*Structural Engineering Institute—  
CT Chapter*

**Ranjit Bhave, P.E.**

Parsons

330 Roberts Street, Suite 401

East Hartford, CT 06108

860-200-9168 (Direct)

203-278-7767 (Mobile)

Ranjit.bhave@parsons.com

*Connecticut Construction Institute*

**William Cunningham, P.E.**

Mohawk Northeast

170 Canal Street

Plantsville, CT 06479

860-621-1451 Office Ext. 629

860 -620 -974 Fax

bcunningham@mohawknortheast.com

**TAKE ANY ASCE WEBINAR**

**20% OF YOUR PURCHASE**  
WILL BE DONATED TO OUR SECTION.

**USE CODE: WEBCTSEC**

Special Offer on ASCE Webinars for Connecticut Section Members

Did you know that as a Connecticut Section member you get a discount on ASCE National Webinars? Plus some of the registration fee comes back to help fund other Section activities!



## Employment Opportunities



Pereira Engineering

Survey Technician

Civil • Environmental • Land Surveying Job Posted: February 28, 2020

Pereira Engineering is an established Civil/Environmental/Land Surveying firm located in Shelton, CT. PE is seeking a Survey Technician with 5 to 10+ 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](mailto:joe.pereira@pereiraeng.com).



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](http://conlonengineering.com) and email resumes to [office@conlonengineering.com](mailto: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 [cmengineering.com](http://cmengineering.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](http://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](http://www.nlja.com).



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](mailto:ray@downtoearthconsulting.com).