

CSCE

Connecticut Society of Civil Engineers
Section of ASCE

A Better World By Design

ASCE

AMERICAN SOCIETY OF CIVIL ENGINEERS



CT's Civil Engineering Newsletter

January 2018

January, 2018

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

A Message from your 2017–2018 CSCE President

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Dear CSCE Members,

Happy New Year. Our first dinner meeting of 2018 will be at CCSU on January 31st. We have an extensive Spring program planned for this year, but before that starts I wanted to tell you about a non-CSCE event. Every year just before Spring CSCE teams up with other engineering associations around the State such as ACEC, IEEE, CSPE, ITE, and WTS to put together a joint event for Eweek. Eweek happens in the middle of February every year and helps try to promote the profession of becoming an engineer to a wider public audience. This year it will be taking place from February 18th to the 24th.

CSCE sponsors various community and outreach events throughout the year ranging from community service to student outreach. Eweek is a great platform for these kinds of activities. I encourage all of you to look into getting involved with any events that your local community may be having for Eweek. This nation wide event provides a great opportunity to get connected with student age people who we can encourage to start thinking about pursuing a career in engineering.

I look forward to seeing you all at the end of January.

Sincerely,

Christopher Beaulieu

CSCE President

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

A Better World By Design



Happy New Year

2018

From

CSCCE

Younger
Members News

**The CSCE
Younger
Members
Group has its
own Facebook
Page.**

Connect now!
www.facebook.com/CSCEYM



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!

THANK YOU
to our
Sponsors!!

GET INVOLVED IN CSCE!!

Do you want to be more involved in CSCE?

Are you interested in being a committee member or serving on the CSCE Executive Board?

We are looking for people like you!

Contact our 2017-2018 President Chris Beaulieu at

President-2017@csce.org 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 31 – Monthly Dinner Meeting, Speaker: Mark D. Rolfe, P.E., Topic: Current Budget Impacts on the Special Transportation Fund, Location: CCSU

February 28 – Joint Engineering Societies Dinner Meeting, Location: Aqua Turf Planstville, CT

March TBD – Fairfield County Branch Dinner Meeting, Location: TBD

April 6 – CSCE Geotechnical Workshop - University of New Haven, West Haven, CT Topic: Helical Piles and Anchors: Background, Selection & Specification, Design; Installation and Case Histories

April 10 – Monthly Dinner Meeting, Water Resources Topic, U.S. Coast Guard Academy, New London, CT

May 22 – 11th Annual Achievement in Civil Engineering (ACE) Awards, The Aqua Turf Club, Plantsville, CT

2018 ACE AWARDS

Please see information below regarding award categories and applications.

ASCE Connecticut Section Employer of the Year Award

This award will recognize a Connecticut-based Civil Engineering firm that has shown support for CSCE and encourages employee participation in CSCE events and initiatives. Employers should have demonstrated a commitment to regularly support CSCE activities through sponsorship, attendance and service during the calendar year. Applications are due by March 31, 2018, and should include a narrative of the firm's support for CSCE including employees' participation on CSCE executive board and committees, as well as ASCE regional and national activities.

ASCE Connecticut Section Individual Civil Engineering Awards

The CSCE Board is now accepting nominations for the following individual awards that will be presented at the Annual ACE Awards Dinner in May. Nominations are due by March 31, 2018.

These awards will recognize ASCE/CSCE members for their outstanding contributions to the Civil Engineering profession. Anyone can nominate an individual who best exemplifies the Civil Engineering profession. The nominees must work and/or reside within the State of Connecticut.

Selection shall be based on the following criteria:

Education and Professional qualifications;
Projects completed;
Patents; Publications; Presentations; Teaching
Professional involvement including society affiliations and leadership roles;
Professional reputation; and
Outstanding contributions to the profession.

Awards Categories:

1. Civil Engineer of the Year (Private or Public). Nominees must be an ASCE member, a Professional Engineer practicing for at least ten (10) years in Connecticut and have demonstrated innovation and significant contributions in advancing the Civil Engineering profession.
2. Young Civil Engineer of the Year (Private or Public). Nominees must be an ASCE member, a Professional Engineer, and 35 years of age or younger by the February 1st that is immediately prior to the ACE Awards.
3. Civil Engineering Educator of the Year. This award is presented to an outstanding educator who has demonstrated excellence and innovation in effective teaching and learning; contributed substantially in educating future engineers; and/or has advanced research topics in the field of Civil Engineering. The educator must be affiliated with an educational institution in Connecticut.

Nomination / Submission:

Please submit a nomination package to the CSCE President by March 31, 2018. Nomination packages should not exceed five pages and shall include the following: Cover Letter with suggested Award Citation and Description of how the individual meets the above criteria. In addition, you may attach a resume and any other supporting information, if applicable (no more than 10 extra pages). The CSCE Selection Committee will provide feedback on the nominations and the CSCE Board will approve the final Award recipients. Recipients must agree to accept the award in person at the annual ACE Dinner that is typically held in May.

Benjamin Wright Award

The CSCE Board is now accepting nominations for the Benjamin Wright Award that will be presented at the Annual ACE Awards Dinner in May. Nominations are due by March 31, 2018. The Benjamin Wright Award is given annually by the Connecticut Society of Civil Engineers Section to a Connecticut Civil Engineer who has demonstrated outstanding practice throughout his or her career, and made significant contributions to Civil Engineering.

\$\$\$ ATTENTION COLLEGE STUDENTS & FACULTY ADVISORS \$\$\$

APPLICATIONS ARE DUE MARCH 1ST

CSCE offers the following three scholarship opportunities to college students:

CSCE Civil Engineering/Construction Scholarship Fund

Eligibility - Applicants must be currently accepted in a college, university or technical school, in a civil engineering or construction related program and have a permanent residence in Connecticut. Preference shall be given to applicants who are members or student members of CSCE/ASCE or have parents or relatives who are members of CSCE/ASCE.

Requirements - The applicant is responsible for insuring that the CSCE Scholarship Committee prior to March 1st receives all of the following items.

Completed application form.

Two reference letters.

Unofficial transcript of high school and/or college, university or technical school grades.

Essay from applicant entitled, "Why I Should Receive the CSCE Civil Engineering/Construction Scholarship."

CSCE's Civil Engineering/Civil Technology Student Scholarship

Purpose: To provide an incentive award that is within the reach of every average, hard working civil engineering student.

Eligibility: A full time junior year student enrolled in an accredited civil engineering curriculum leading to a Bachelor of Science Degree in Civil Engineering, or an Associates Degree in Civil Technology. Eligible students must be in good academic standing, and an active member of the ASCE Student Chapter or Club.

Selection Process: Faculty Advisors shall submit this form to the CSCE Vice-President with one nomination from their respective chapter or club. Deadline for submittal is March 1st of each year.

Outstanding Civil Engineering Student Award

Purpose: To recognize an outstanding Civil Engineering Student in a dignified public way.

Eligibility: To be considered for this award, the candidate:

1. Must be nominated by the department in which the chapter/club resides.
2. Must be a member in good standing of the chapter/club of the American Society of Civil Engineers, and have a record of active involvement and leadership in campus and student chapter/club activities.
3. Must graduate prior to the start of the fall term of the year in which the award is made.

Selection Process: The process of selection shall be as follows:

1. The Faculty Advisor will solicit nominations for the award from members of the faculty in the department, and conduct an election to determine award recipients.
2. The award need not be presented every year if suitable candidates do not exist. It can be awarded to one deserving student, several students, or a group of students who might have worked together on a project.
3. The Faculty Advisor shall submit the nomination to the CSCE Vice-President by completing one form for each nominee. Deadline for submission of nomination is March 1st of each year.
4. The Vice-President will present the nominations to the CSCE Board of Directors for final approval.

CSCE is launching a brand new CSCE website:

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

We have updated and modernized the look and layout of section's website. Let us know how you like it.

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 Aaron Foster, Younger Members Committee Chair, at youngermembers-2017@csce.org 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 (see
classifieds)

ASCE Career
Connections:

[http://careers.asce.org/
search.cfm](http://careers.asce.org/search.cfm)

Unemployed? ASCE National has a program to waive dues of unemployed members. For more information, please contact Patrick Ballou directly at the following address:

Patrick Ballou,
Membership Coordinator

American Society of Civil
Engineers

1801 Alexander Bell Drive

Reston, VA 20191-4400

Toll free: 1-800-548-ASCE

Direct: 703-295-6169

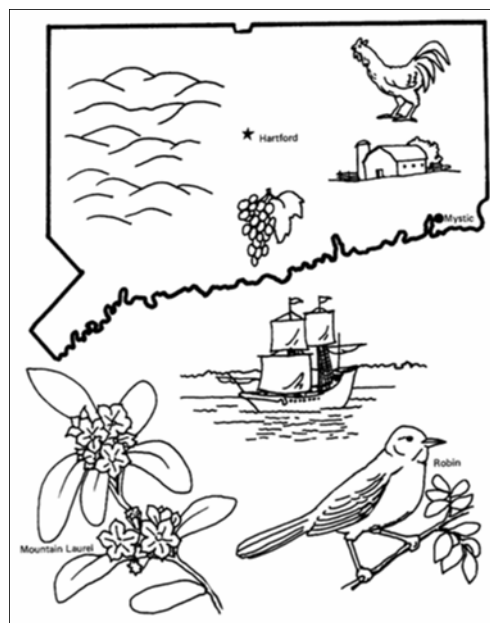
Fax: 703-295-6335

Student Involvement—

With the Spring 2018 semester drawing near the Younger Members group will be coordinating events with local colleges and universities.

Tentatively a mock interview session with the University of Connecticut student ASCE chapter has been organized, and the Younger Members will be looking to put together events with additional in state schools.

If you have any ideas or would like to request an event at your College/ University please contact the Younger Members president, Aaron Foster.



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

nl-editor-2017@csce.org

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 youngermembers-2017@csce.org.



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.



Infrastructure Groups Urge Advancement of Infrastructure Investment Package

ASCE joined more than 130 members of the Infrastructure Working Group (IWG), a wide collection of associations and organizations dedicated to fixing our infrastructure deficit, in sending a letter urging Congressional leaders to pass an infrastructure investment bill this year. Priorities outlined in the letter include:

- Increasing direct federal investments in a wide range of infrastructure projects,
- Focusing on complementing and strengthening existing investment tools,
- Facilitating private sector investment opportunities,
- Enhanced efficiencies including an accelerated federal permitting process,
- Fixing continuing shortages in key federal infrastructure accounts such as the Highway Trust Fund, and
- Encouraging active participation between all levels of government without shifting or minimizing federal responsibilities.

The IWG letter further stresses that in order for the United States to expand its economy, grow the job market, and compete in an international marketplace; substantial and long-term investments in all forms infrastructure are *needed*.

Source: ASCE.org

For further information please reference the ASCE Government Relations website at the link below.
<http://app.message.asce.org>

The ASCE Legislative Affairs Committee is looking for ASCE members with an interest in the legislative process and a passion to advocate for the betterment of the civil engineering profession. Anyone interested in getting involved and willing to volunteer to serve on the Committee should contact Roy Merritt, Jr., P.E. at (203) 887-6306 or rmerritt@hwlochner.com.

For questions, please contact ASCE Government Relations at govwash@asce.gov.

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.

2017 – 2018 CSCE Executive Board

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EMPLOYMENT CLASSIFIEDS

Siefert Associates, LLC - Senior Geotechnical Engineer

Job Posted: January 11, 2018

Siefert Associates, LLC seeks a Senior Geotechnical Engineer who will serve as the engineering lead and job manager on all geotechnical projects. Engineer will be responsible for mentoring mid-level and junior geotechnical engineering staff. Minimum Requirements: Experience (10+ years); MS in Geotechnical Engineering; Licensed as a Professional Engineer (PE) in CT or NY; Experience in subsurface explorations, foundation engineering & analysis, reports and design proposals/estimating.

Kleinfelder - Water and Wastwater Project and Client Account Manager

Job Posted: November 9 2017

Kleinfelder's Rocky Hill, CT office is seeking a Water and Wastwater Project and Client Account Manager to join the team!

For more info on the position and to apply, go to www.kleinfelder.com, Careers, Career Search, Requisition Number 50638

Kleinfelder - Water Resources Project Engineer - Job Posted: November 9 2017

Kleinfelder's Rocky Hill, CT office is seeking a Water Resources Project Engineer with 5-10 years' of experience to join the team!

For more info on the position and to apply, go to www.kleinfelder.com, Careers, Career Search, Requisition Number 50564

Kleinfelder - Civil Project Engineer - Job Posted: November 9 2017

Kleinfelder's Rocky Hill, CT office is seeking a Civil Project Engineer with 5-10 years' of experience to join the team!

For more info on the position and to apply, go to www.kleinfelder.com, Careers, Career Search, Requisition Number 50639

EMPLOYMENT CLASSIFIEDS (continued)



Louis Berger - Engineering Positions - Job Posted: November 1 2017

Louis Berger is seeking to staff its new Rocky Hill office with people of varied levels of experience in multiple transportation disciplines. Preference is given to people with Connecticut and broader New England experience, however due to our major initiatives throughout the US experience in other regions is a plus. Current openings:

- Senior Civil or Structural (bridge) Engineer: 10-20 years' experience, Connecticut PE, project management and supervisory experience required. Growth potential for client interface responsibilities.
- Mid-level Civil/Highway and Structural (bridge) Engineers: 3-10 years' experience with strong computer and contract plan production skills. Growth potential for supervisory responsibilities. Connecticut PE preferred.

To apply please send resume to tharley@louisberger.com or visit Careers at www.LouisBerger.com and apply online.

EEO/AA/M/F/Vet/Disability Employer

GM2 Associates, Inc. - Engineering Positions - Job Posted: November 1 2017

GM2 provides comprehensive consulting engineering services to municipal, state, federal, and private clients for projects within the transportation and building sectors. With over 70 employees in offices within CT, RI and NH, GM2 is your preferred provider of consulting engineering services. With an extensive backlog of high-profile, challenging infrastructure projects across the northeast, GM2 has career oriented engineering opportunities for you. We are currently looking for qualified candidates for various positions in our structural/bridge and civil/roadway departments. For further details, visit our website at www.gm2inc.com/careers/

EMPLOYMENT CLASSIFIEDS (continued)

CME Associates, Inc. - Job Posted: June 30 2017

CME Associates, Inc. is a fast-growing engineering firm that provides innovative design and engineering solutions to complex transportation and development projects. We need creative, hard-working technical and administrative team members to keep us successful! We have openings for the following: Structural Engineers, Project Managers, Environmental Scientist and Administrative Support. Please see our website to learn more: www.cmeengineering.com. CME is an EOE/AA/VEV/Disabled Employer.

Langan— Civil Engineer: Project Engineer 6 to 10 Years Experience - 23661

Job Posted: April 25 2017

Langan is looking for an experienced Civil Project Engineer in our New Haven, CT office. As the successful candidate, you will be a Civil Project Engineer with land development experience interested in career development, responsible for but not limited to designing commercial, federal, & institutional land development projects.

For details & to apply www.langan.com/careers

Equal Opportunity Employer
EOE AA M/F/Vet/Disability

Langan— Civil Engineer

Job Posted: March 10 2017

Langan has an opening for a Site Civil Engineer at our New Haven, CT office. This is an entry level position, best suited for candidates with 0-2 years of experience. As the successful candidate, you possess interest in working on and learning about site/civil land development design. You will gain experience designing commercial, residential, mixed-use, and industrial properties.

For more details visit www.langan.com/careers.

Equal Opportunity Employer
EOE AA M/F/Vet/Disability

EMPLOYMENT CLASSIFIEDS (continued)

GNCB - Geotechnical Project Manager - Job Posted: March 1 2017

GNCB of Old Saybrook, CT, a consulting geotechnical and structural engineering firm, is seeking a GEOTECHNICAL PROJECT MANAGER with 10 to 15 years experience. Responsibilities include all aspects of consulting work. Connecticut PE a must. Good communication/writing skills needed for client/staff interaction. Experience in one of the following is a plus: Revit/CAD computer, rock mechanics, and seawall/waterfront design. Contact David Freed at freed@gncbengineers.com, or call 860-388-1224. AA/EOE

Tectonic - Senior Structural Bridge Engineer — Job Posted: February 6 2017

TECTONIC is seeking a full-time Senior Structural Bridge Engineer to work within our Rocky Hill, CT Office. Candidates must have a minimum of 3 years experience, with a minimum of 1 year of bridge design experience. A PE License is required, with the ability to obtain a Connecticut PE license within a reasonable period of time. Must possess a valid driver's license and personal vehicle. COMPETITIVE SALARY & BENEFITS PACKAGE. Please visit www.tectonicengineering.com or email: resume@tectonicengineering.com for full position details/requirements & to apply. AA/EOE – Minorities, Females, Veterans, and Persons with Disabilities Highly Encouraged to Apply

Tectonic—Resident & Office Engineers — Job Posted: February 6 2017

TECTONIC's Rocky Hill, CT Office is seeking a full-time Resident Engineer & Office Engineer for upcoming projects. Resident Engineers must have a minimum of 8 years experience with a valid CT PE License & BSCE. Office Engineers must have a minimum of 4 years experience & must maintain one of the following: valid NICET II+ in Highway Construction, valid CT PE, or BSCE. Must possess a valid driver's license and personal vehicle. COMPETITIVE SALARY & BENEFITS PACKAGE. Please visit www.tectonicengineering.com or email: resume@tectonicengineering.com for full position details/requirements & to apply. AA/EOE – Minorities, Females, Veterans, and Persons with Disabilities Highly Encouraged to Apply