

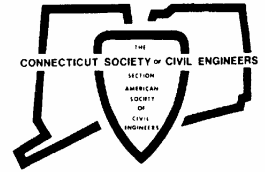
Since 1884

CSCE Newsletter

WWW.CSCE.ORG

Connecticut Society of Civil Engineers
American Society of Civil Engineers

October 2007 Edition



Since 1884

CSCE MONTHLY DINNER MEETING – October 2007

- Date:** Wednesday, October 17, 2007
- Speaker:** Mr. David Elliott, Construction Project Manager, Connecticut Science Center
- Topic:** The Connecticut Science Center: Building from the Ground Up

Mr. Elliot will discuss the features of and issues associated with the construction of the new Connecticut Science Center. The building, designed by award-winning architect Cesar Pelli & Associates, New Haven, will be 144,000 square feet in size with 40,000 square feet of exhibit space that can accommodate 200+ exhibits in ten galleries, and has parking for approximately 460 vehicles. The Center's "Magic Carpet," an elegantly curved roof, caps the architectural centerpiece of the building, known as Science Alley. The roof slopes gracefully from its lowest western point upwards to a height of 183 feet as it reaches towards the Connecticut River. An array of steel "vertebrae" carries the spine of the roof, which will be dramatically lighted from below to increase its visual effect at night. Construction began in 2005, and the Connecticut Science Center is scheduled to open in the Fall of 2008.

- Location:** Gray Conference Center at the University of Hartford
- Time:** 5:30-6:30 PM Social Hour, 6:30-7:30 PM Dinner, 7:30-8:30 PM Program
- Cost:** Members & Life Members: \$30.00 Full Time Students: \$10.00 (Please make checks payable to CSCE)
- Dinner:** Buffet dinner of winter salad, sauté breast of chicken w/roasted artichoke and parsley sauce, herb roasted tenderloin w/mushroom sauce, penne alfredo, herb roasted new potatoes, green beans w/roasted peppers.
- Reservations:** Contact Amy Petrone, (860) 526-5935 or by email at admin@csce.org by October 11.

- Directions:** *From I-84 East:* Take Exit 44 – toward Prospect Avenue. Turn slight left onto Caya Avenue. Turn left onto Prospect Avenue. Turn right onto US-44/Albany Avenue. Turn left onto Bloomfield Avenue/CT-189. UHA will be 0.4 miles on the right.
From I-84 West: Take Exit 50 – onto Route 44 West. Continue on Route 44 West/Main Street for approximately 2 ½ miles. Turn slight right onto Bloomfield Avenue/CT-189. UHA will be 0.4 miles on the right.
Please park in the "K" Visitor's lot or "F" lot at Lincoln Theatre.

- Site Tour:** A site tour will be offered prior to the evening's presentation. Attendees will meet at 2:00 PM at the Whiting-Turner Construction field office at the Grove Street entrance to the jobsite. Suggested parking is at the Convention Center Garage. Hardhats, safety vests and glasses, and protective footgear are required. Please contact Billy Cunningham, Construction Technical Group Chair, at (203) 723-5830 or director-I@csce.org to sign up for the tour.

PRESIDENT'S MESSAGE

Our yearly programs are well underway and CSCE's Board and committees are hard at work on many projects.

We are presently transitioning CSCE's website to a new web hosting company. The transition should be completed by the end of September. Once the site is running on the new server, expect to see new features and upgrades. Many thanks to Peter Heynen for his continuing efforts as webmaster.

The transition to electronic delivery of the CSCE Newsletter appears to be going smoothly. We have received many positive responses from the membership, with one person voicing concerns.

At our September Board Meeting, the Board voted to apply for two State Public Affairs Grants (SPAG) from ASCE National. These grants will be used to fund the initial phase of Connecticut Infrastructure Report Card, and the Connecticut OPAL Awards Dinner which is planned to coincide with our Annual Meeting. The Infrastructure Report Card will be modeled similar to the one recently completed by ASCE's New Jersey Section (<http://sections.asce.org/newjersey/nj-reportcard.html>).

The 2007 Connecticut Construction Career Days will be held on October 2nd and 3rd at Mountainridge in Wallingford. CSCE will be joined by the UConn ASCE Steel Bridge Team at the event. Many thanks go out to the UConn Students for their help.

The DFI-CSCE Geotechnical Seminar "Foundation Construction in an Urban Environment" scheduled for November 2 should be of interest to many of our members. Look for a registration form elsewhere within this newsletter.

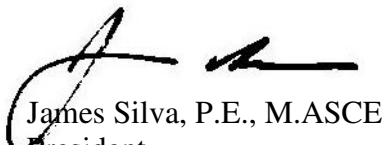
The Water Resources Group sponsored a hole at the CT Section AWWA-Water-for-People 13th Annual Fall Golf Classic. The event raised approximately \$16,000 which will help fund potable drinking water, sanitation, and hygiene projects in developing countries.

Approximately 60 CSCE Members enjoyed an interesting presentation regarding the "Analysis of the Levees in New Orleans" during the September Dinner Meeting at UConn. The meeting also included a presentation of the Moles 2007 Student Award to Justin Giorlando. Congratulations, Justin!

We appreciate the efforts from the Construction Technical Group in organizing the October Site Tour and Dinner Meeting discussion of the Connecticut Science Center. I hope to see many of you there!

Finally, I would like to note that CSCE belongs to all of us, so if you have any comments, suggestions, or concerns, please email me at president@csce.org. I am looking forward to your input!

Sincerely,



James Silva, P.E., M.ASCE
President
September 28, 2007

LOST MEMBERSHIP RECORDS

ASCE has lost the membership records of 29 members in Connecticut. CSCE is trying to reach out to friends or acquaintances who might know the whereabouts of the following members:

Muhammad Adil	Jennifer Cohen	Herbert S. Levinson	Frank W. Stockwell
Zain N. Almasri	Charles E. Dougan	Richard P. Martel	Harry Warfield
Louis C. Amadio	Vincent J. Elizarde	Kelly K. Mendonca	John R. Whitcomb
Brian J. Baker	Oscar A. Figueroa	William H. Potuchek	Erin E. Wilkinson
Christopher Barto	Nicole L. Gurr	Shelly D. Raudenbush	Jeanne Williamson
George Bassilakis	Arthur Hoffman	Denise Ross	Robert L. Yocum
Richard Betz	George F. Ives	Patrick Safari	Michael S. Zielinski
Jordan T. Boghosian	Lester V. Kaltenecker	Matu R. Shrestha	
Henry Campbell	Christopher A. Kolasa	Tony J. Soares	

If you have information on any of these people, please contact Billy Cunningham at (203) 723-5830 or director-I@csce.org. Thanks in advance!

DO YOU HAVE AN OPINION ON MANDATORY CONTINUING EDUCATION FOR PROFESSIONAL ENGINEERING LICENSURE?

If so, CSCE wants to know. Your input will help CSCE to better understand the membership's feelings on this important topic. Please click on the following link and complete the short survey – its only 4 questions. http://www.surveymonkey.com/s.aspx?sm=hqRPa58SEG1v8IFcMqYuPw_3d_3d

THE BRAIN TEASER CORNER

September 2007 Newsletter Solution (The Tide Comes In) – Never, because the ladder rises with the water.

Brothers and Sisters: A boy has as many sisters as brothers, but each sister has only half as many sisters as brothers. How many brothers and sisters are there in the family?

Solution to be shown in the next newsletter.

Want to stump your colleagues? If so, submit your Brain Teaser (and solution) to the editor at nl-editor@csce.org

CONTINUING EDUCATION & CSCE SPONSORED SEMINARS

The Continuing Education Committee looks forward to hosting technical and management seminars on topics of interest to our members. We rely on feedback from fellow members and technical committee chairs as to which topics are “hot”. Please forward any seminar topics you would like to see to Ron Nault c/o Luchs Consulting Engineers, LLC - phone (203) 288-5188 ext. 207; fax (203) 288-2583 or nault@luchs.com

ATTENTION YOUNGER MEMBERS

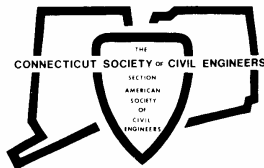
Younger Members are considered to be 35 years of age or younger. The Younger Member Committee fosters the professional growth, ethical awareness, and technical competence of the Section's younger members. The Committee sponsors both technical and non-technical trips. The Committee encourages membership and participation in ASCE and CSCE Committees, Technical Groups, and other activities. If you are interested in meeting fellow peers, please contact Sara Ramsbottom. The Committee holds monthly meetings with food and beverage provided.

2007-2008 CSCE MONTHLY MEETING CALENDAR

Please mark your calendars!

- Tuesday, November 13, 2007 at CCSU (Newsletter submissions due by October 26)
- Tuesday, January 15, 2008 in Westport (Newsletter submission due by December 21)
- February Meeting to be determined (Newsletter submissions due by January 25)
- Wednesday, March 12, 2008 at Univ. of New Haven (Newsletter submissions due by Feb. 29)
- Tuesday, April 15, 2008 at Coast Guard Academy (Newsletter submissions due by March 28)
- Wednesday, May 7, 2008 at a location to be determined (Newsletter submissions due by April 25)

Note: The Annual Geotechnical Seminar will be held on November 2, 2007 at the Hawthorne Inn located in Berlin, Connecticut. The theme will be “Foundation Construction in an Urban Environment.” The event will be co-sponsored by DFI.



Return Services Requested:

Michael Cook, ASCE *Geographic Services Manager*
1801 Alexander Bell Dr., Reston, VA 20191

Send other section correspondence to:

Jason F. Waterbury, P.E., Secretary

19 Charles Mary Drive
Higganum, CT 06441
Email: secretary@csce.org

President

James L. Silva, P.E.

Phone: (860) 423-4506, Fax: (860) 423-1875
E-Mail: President@csce.org

President-Elect

Christopher M. Holden, P.E.

Phone: (860) 343-8085 x155, Fax: (860) 343-8091
E-Mail: President-Elect@csce.org

Vice President

Ronald J. Nault, P.E.

Phone: (203) 288-5188 x207, Fax: (203) 288-2583
E-Mail: Vice-President@csce.org



Treasurer

Rabih M. Barakat, P.E.

Phone: (860) 594-3389, Fax: (860) 594-3218
E-Mail: Treasurer@csce.org

Newsletter Editor

Gregory K. Holness, P.E., Esq.

Phone: (860) 275-6425, Fax: (860) 275-6410
E-Mail: NL-Editor@csce.org

Director II

Thomas J. Roy, P.E.

Phone: (860) 278-7850, Fax: (860) 525-5013
E-Mail: Director-II@csce.org

Director I

William J. Cunningham, P.E.

Phone: (203) 723-5830, Fax: (203) 723-9346
E-Mail: Director-I@csce.org

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**DO YOU HAVE AN INTEREST IN BEING PART OF ASCE
 ON A REGIONAL/NATIONAL LEVEL?**

There is an opening for the appointed position of Region 1 Governor 6 in 2008. For those interested in the position, nomination materials are due. Candidates should submit the following documentation in electronic format by **December 15, 2007** to the Region 1 Secretary Tom Donnelly at Thomas.Donnelly@hdrinc.com:

- A one (1) page letter of intent to be a nominee for a specified position.
- A professional resume of no more than three (3) pages.
- A letter of nomination or endorsement from an organizational entity or a declaration of candidacy from the individual.
- A summary of how he/she meets the minimum requirements, including ASCE Member Number, Address of Record, Section or Branch offices and committees held, Society Committee assignments, and other Society service.
- A recent passport-type photograph suitable for publication.
- Acknowledgement of support by his/her employer and family for candidacy and potential service.

For more information, contact Billy Cunningham at (203) 723-5830 or director-I@csce.org.

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RESIDENTIAL BUILDING IN COASTAL AREAS:
THE FEMA COASTAL CONSTRUCTION MANUAL
A one-day workshop for engineers, architects, and local officials

Sponsored by the Federal Emergency Management Agency (FEMA) and the State of Connecticut Department of Environmental Protection (CTDEP).

This one-day workshop is an intense hands-on learning experience. Participants should possess a basic knowledge of building sciences. The course has been designed for professionals who are involved with coastal construction and will deal with the principles and practices of siting, designing, and constructing residential buildings in coastal areas. ****Bring a calculator and be prepared to use it!****

Topics Covered Include:

- Introduction and identifying coastal hazards
- Regulations and flood issues
- Site-Specific Loads: Flood Loads, Wind Loads, Combination Loads
- Building codes and best practices
- Lessons learned from most recent hurricane seasons

Instructors: David Low, P.E. and E. Scott Tezak, P.E. from URS Corporation

DATE: Wednesday, October 17, 2007

TIME: 8:00 a.m. - 5:00 p.m. (registration is between 7:30 a.m. - 8:00 a.m.)

LOCATION: CTDEP Marine Headquarters, 333 Ferry Road, Old Lyme, CT 06371

COST: Free - No food or beverages provided (e.g., breaks, lunch)

TO REGISTER: Please contact Rosalynn Grzywinski at (860) 424-3878 or by email at Rosalynn.Grzywinski@po.state.ct.us to reserve your space. The registration deadline is October 12, 2007.

For all other questions regarding this workshop, please contact Karen Michaels at (860) 424-3779 or by email at Karen.Michaels@po.state.ct.us.

*****THIS WORKSHOP IS FREE OF CHARGE TO PARTICIPANTS BUT ATTENDANCE IS LIMITED SO PLEASE REGISTER EARLY TO ENSURE YOUR SPACE. *****

Directions to CTDEP Marine Headquarters, 333 Ferry Road, Old Lyme, Connecticut 06371:

From I-95 South: Take Exit 70. At the end of the ramp, go straight. At the second traffic light, take a left onto Route 156. Take a right onto Ferry Road and follow to end.

From I-95 North: Take Exit 70. At the end of the ramp take a right onto Route 156. Take the first right onto Ferry Road and follow to the end.

Parking: The workshop will be held in the building located in the back of the facility, behind the service garage. Please park in the available parking spaces in front of the service garage

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Call for Papers: *Leadership and Management In Engineering Journal*
Special Issue: “ENGINEERS, INFRASTRUCTURE, AND POLITICS”

You are invited to submit an article to *Leadership and Management in Engineering* (LME) for a special issue focusing on engineers and politics. This special issue, “Engineers, Infrastructure, and Politics,” focuses on the evolution and state of infrastructure policy and decision making with its associated achievements, shortcomings, and future prospects for collaborative leadership. The last date for submission of abstracts is **October 31, 2007**.

With the recent-past failure of major infrastructure systems and its associated devastating impact on communities, the existing level of collaboration among the public, elected and appointed government officials, engineering firms, and construction organizations need to enter a new stage of institutionalized relationships and norm-building. To regain the trust of the public, the need for transparency with public sector decision making while protecting the public’s right to expect their safety, health, and welfare to be unambiguously addressed must be timely as well as clearly communicated.

Major failures of the past infrastructure decision processes illustrate the need for engineers to be more visibly involved in the politics that govern the decision making. However, professional engineers are often conflicted between their sense of client confidentiality, employment security, and state-registered and ethical professional obligations to the public at large. As a result of education and experience, engineers focus primarily on the analytical and quantifiable. The excellent problem-solving skills of engineers do not appear to be the most effective methodology to address techno-sociocultural challenges concerning infrastructure and politics.

It is essential that 21st Century Engineers be more proactively and visibly involved in the political policy processes involving infrastructure. This subject needs to be placed in the “light of day” as a new “normal part” of the public’s voting process within the American political system. Given the necessary multidisciplinary and collaborative nature of inquiries into the interaction between engineers, community, and politicians, ASCE welcomes contributions from practitioners and researchers in many fields.

This special issue covers topics that provide perspectives and insights into the developments above in general, as well as all policy and professional areas that provide insight, including but not limited to:

- Presenting theories and practice of public integration and communication;
- Evaluating different policy areas that support and restrain effective public decision making;
- Project selection decision process including dialogue with the public;
- Case studies of engineers participating in the political process;
- Experiences of engineering political fellows;
- Conceptualizing past, current, and future integration dynamics;
- Economic and career risks for public and private sector employees;
- Virtual public forums;
- Clarity of public accountability regarding the operation, maintenance, and replacement of life-cycle infrastructure;
- Experience with blog-based dialogue; and
- Economics of technology facilitated communities.

ASCE welcomes joint or separate submissions from across such fields as anthropology, architecture, communication, computer science economics, engineering, geography, information studies, information systems, management science, planning, political science, psychology, sociology, and telecommunication.

Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere. All papers are subject to editorial review and approval. A guide for authors, sample copies, and other relevant information for submitting papers are available online: <http://www.pubs.asce.org/authors/index.html>

Guest Editor Contact Information:
Dr. W. M. Hayden Jr., P.E., F.ASCE
wmhayden@buffalo.edu

Editor-In-Chief Contact Information:
Brian Brenner, P.E., M.ASCE

EMPLOYMENT OPPORTUNITIES

Appledore Marine Engineering, Inc. – *Civil Engineer Divers* with 2 to 5 years structural engineering experience and BSCE (P.E. preferred) to work on challenging marine/waterfront projects throughout the United States and abroad. Individuals should have diving credentials and an interest in structural engineering applications involving waterfront structures. Position entails underwater inspection, evaluation and design of marine/waterfront structures and travel in a team-oriented environment. This is an excellent opportunity for motivated individuals interested in traveling throughout the United States and abroad in support of underwater inspections and field operations for a growing company. Send resume via email to amei@appledoremachine.com or mail to Appledore Marine Engineering, Inc., 15 Rye Street, Suite 305, Pease International Tradeport, Portsmouth, NH 03801.

Town of Bethel – *Civil Engineer*. Perform professional engineering work and/or administration in the design, investigation and construction of street, utility, storm water, drinking water and other public works projects. Acts as project manager on assigned projects. Bachelor's degree from accredited college with major course work in civil engineering or related field OR combination of education, training and experience desired. EIT desired. 35-hour work week; competitive benefits offered. CJH Municipal Center, 1 School Street, Bethel, CT 06801, Telephone: (203) 794-8501. Applications accepted until position is filled. EOE/M/F/V/D

BVH Integrated Services – *Structural Engineers* - BVH Integrated Services (www.bvhis.com) is currently seeking civil and structural engineers with 3 to 5 years experience, as well as CADD operators for our Bloomfield, CT office.


BVH is a progressive 100-person firm that respects our employees and treats them as professionals. What we expect from everyone on our team is hard work, a willingness to adapt, and a can-do attitude. What we offer in return is a great working environment, the chance to learn and grow, and a highly competitive salary package. We also offer a comprehensive benefits package including 401k with match and generous company contributions to dental and health plans.

BVH is presently working on some of the most interesting and challenging projects in the region. From university science centers to nanotechnology laboratories, convention centers to LEED-certified buildings, BVH produces hundreds of projects annually for clients in the academic, research, healthcare, and corporate sectors.

Let us show you what a great place BVH can be for you. To apply, submit your cover letter and resume to: BVH Integrated Services, 50 Griffin Road South, Bloomfield, CT 06002; F: 860-242-0236; marial@bvhis.com. EOE

CJOJ, LLC - *Civil Engineer, New Milford, CT*. CJOJ, LLC is a well-established Land Surveying and Engineering company that has been in business for over 70 years. Typical projects include site planning, subdivision design and commercial development. Requirements: CT Engineer License, strong communication skills, experience in grading, site design and Autocad. This position offers stability and challenge with competitive pay. Please email resume to cjo3@snet.net or contact C.J. at 860-354-5452

GeoDesign Inc., a geotechnical, construction and environmental engineering firm, has several opportunities for *geotechnical engineers*, entry level and above. Masters degree and E.I.T or P.E. preferred. Competitive salary and benefits packages. Contact Ted von Roseninge, P.E. (203) 758 8836 ext. 104, by Fax: (203) 758 8842 or by E-mail: ted.von@geodesign.net. GeoDesign is an Equal Opportunity Employer.



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DiBlasi Associates, P.C. - *Senior Structural Engineer*: DiBlasi Associates, P.C., one of Connecticut's leading structural engineering firms, has immediate opening for structural engineer with project management experience. Firm specializes in the design and investigation of complex building structures. Project types include educational facilities, office buildings, power plants, parking structures, institutional facilities and residential facilities. Applicant should have minimum seven years experience in building design using steel, concrete, and timber structural systems. Applicant should be capable of managing multiple projects and overseeing the production of construction documents. Experience with RAM Structural System and AutoCAD a plus. Connecticut PE license is required. Good communications skills and ability to work with a variety of clients is a must. Competitive salary and benefits including Medical, Dental, SEPP. Firm maintains a strong commitment to continuing education and is active in many professional organizations. We are an equal opportunity employer. Resumes can be mailed to 500 Purdy Hill Road, Monroe, CT 06468; faxed to (203) 268-8103; or emailed to personnel@DiBlasi-Engrs.com


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Civil PE: 7-15 yrs exp Proj. Mgr to work w/public & private clients incl. education, municipal, commercial and recreational throughout central and southern New England. Exp. w/regulatory permitting, construction administration, PE, CAD proficiency & good communication skills required.

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Malcolm Pirnie, Inc. – A Nationwide Engineering Consulting Firm, has several opportunities for *Environmental Engineers*, entry level. Types of work include water and wastewater design and planning, in addition to openings for construction resident engineers. Bachelors degree and E.I.T preferred. Very competitive salary and benefits packages. Contact Tom Loto P.E. (860) 635-3400, by Fax: (860) 632-0036 or by E-mail: tloto@pirnie.com. Malcolm Pirnie is an EOE.

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Wengell, McDonnell & Costello, Inc., located in Newington, CT, is currently seeking individuals for the following positions: *Structural Engineers, Hydraulic Engineers, CADD Operators/Civil Engineering Technicians, and Construction Inspectors.* For more information, please call us at (860) 667-9624 or visit our website at www.wmcengineers.com. EOE M/F


Zieman Engineering, LLC – *Structural Engineer/Construction Engineer* – Zieman Engineering is a structural engineering firm specializing in designing construction procedures, temporary structures and specialized equipment for contractors involved in major and complex construction projects throughout the northeast. Typical projects include significant bridge erection procedures, heavy lifting, rigging and jacking operations of all kinds, and temporary structures for rehabilitation projects. We seek a BSCE with minimum 5 years experience in either structural design or field engineering for a contractor. Must be a creative and practically oriented problem solver with an interest in structural design as well as construction field operations. Competitive salary and benefits. Flexible hours are possible if needed to ease commuting. For additional information see www.ziemanengineering.com. Please email resume to tz@ziemanengineering.com.

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- *Entry Level Civil Engineer*, BSCE required and 0-4 years experience with emphasis on site engineering, roadway design, drainage and stormwater management design. Applicant should be proficient in AutoCAD. EIT certificate preferred.
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860-632-0036 Fax

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Thelen Reid Brown Raysman & Steiner LLP
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860-275-6410 Fax
NL-Editor@csce.org

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TECHNICAL GROUP CHAIRS

Construction - William J. Cunningham, P.E.
Siefert Associates, LLC
180 Church St., Suite 6
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203-723-5830 Office
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COMMITTEE CHAIRS

Programs - Jeff Benoit, P.E.
Connecticut Department of Transportation
40 Taft Pond Road
Pomfret Center, CT 06259
860-974-2572 Home
jeffbenoit@earthlink.net

Legislative Affairs - Roy Merritt, P.E.
HNTB Corporation
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860-257-7377, Ext. 23 Office
860-670-7540 Cell
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860-860-632-0036 Fax
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tloto@pimie.com

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Connecticut Department of Transportation
2800 Berlin Turnpike
Newington, CT 06131-7546
860-594-3389 Office
860-594-3373 Fax
203-397-2996 Home
Treasurer@csce.org

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860-509-7333 Office
sara.ramsbottom@ct.gov

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Heynen Engineers
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Clifford Anderson, Ph.D., D.WRE

Assistant Professor
Department of Engineering
Copernicus Hall Room 21207
1615 Stanley Street
New Britain, CT 06050-1040
860-832-1849 Office
andersoncle@ccsu.edu

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860-885-2383 Office
860-886-4960 Fax
dkhan-bureau@trcc.commnet.edu

University of Connecticut

Richard Christenson, Ph.D.

Assistant Professor
Department of Civil and Environmental Engineering
University of Connecticut
261 Glenbrook Rd., UNIT-2037
Storrs, CT 06269
860-486-2270 Office
860-486-2298 Fax
Richard@enr.uconn.edu

University of New Haven

Jean Nocito-Gobel, Ph.D.

Department of Civil & Environmental Engineering
300 Boston Post Road
West Haven, CT 06516
203-932-7155 Office
203-932-7158 Fax
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United States Coast Guard Academy

LT Corinna Fleischmann, P.E.

Department of Civil Engineering
School of Engineering
New London, CT 06320
860-444-8531 Office
860-444-8546 Fax
Corinna.M.Fleischmann@uscga.edu

University of Hartford

David Pines, Ph.D.

Chair and Associate Professor
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