

October 2018 Newsletter

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2018 - 2019 Vermont ASCE Officers

Dear ,

I hope you are enjoying this gorgeous Vermont fall weather and have been lucky enough to take in some of the changing scenery. We have a few events coming up in a very short amount of time that I wanted to be sure you were aware of. Firstly, we will be meeting for a dinner and presentation on Tuesday, October 16 at Norwich University - more on that below. Second, the VT/NH joint meeting is scheduled for Thursday, November 8th Hotel Coolidge in White River Junction - more on that below as well.

If your company has interest in supporting the VT Section of ASCE, you can do so through company sponsorship or by placing job postings on our website or newsletter.

In this month's newsletter you'll find:

- [Geo-Institute Meeting](#)
- [VT/NH Sections Joint Meeting](#)
- [Student Chapter Update](#)

Make sure to get your firewood put up and stay warm as we breeze through autumn and approach winter (and our Annual Ski Day!!!). If you have any questions or ideas for the Section please do not hesitate to contact me.

Geo-Institute Dinner Meeting and Presentation November 16th, Norwich University

Please join us on Tuesday, October 16th, at 5:30 pm at Norwich University for a social hour, dinner, and presentation. There will be more to come on the presentation as those details are still being ironed out, but be sure to save the date for what is always a great gathering and delicious dinner.

We now have information on our presentation to share with you. The presentation will be provided by Mr. Carl Thunberg, P.E. Carl brings over 25 years of experience as a practicing geotechnical engineer in the Northeast. Carl is with Terracon consultants, a Geoprofessional Business Association (GBA) member firm, and the presentation is a GBA presentation in cooperation with a working agreement with the Geoinstitute.

Carl will present: Engineering Ethics in a Low Bid Environment - Can they coexist?

We will review the results of a large participant survey conducted by the Deep Foundations Institute that addresses the role of the Geotechnical Engineer. Using this as a backdrop, we will consider how we will contemplate the ethical responsibilities of engineers and examine how to use our ethical responsibilities to combat the selection of engineers based upon price comparison.

Costs for the event are as follows:

ASCE Member: \$35

ASCE Member within 5 years of graduation: \$25

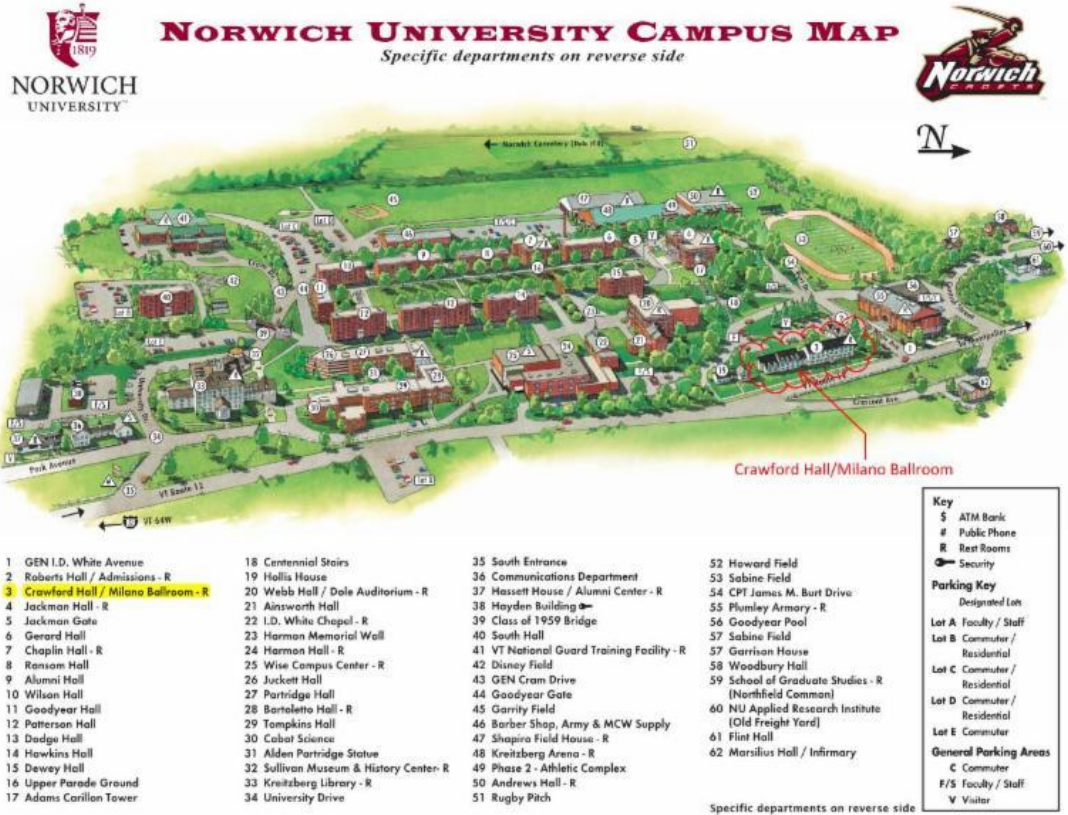
Students: \$10

Non-member: \$40

The event will be held in the Milano Ballroom at Norwich University. See the map below for directions on campus.

Please RSVP to John Stevens at stevens@norwich.edu by Friday October 12th.

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VT/NH Sections Joint Meeting Thursday, November 8th, Hotel Coolidge

Register to attend the VT & NH Sections of ASCE Annual Joint Dinner Meeting on Thursday, November 8th.

We have changed the date of our joint meeting - please join us on Thursday, November 8, 2018 from 5:30 - 8:00 pm at Hotel Coolidge for a joint dinner meeting between the Vermont and New Hampshire Sections to discuss the Vermont Institute of Natural Science (VINS) Forest Canopy Walk. Charlie Rattigan , Executive Director of VINS, and Tom Weller, lead project architect of Weller & Michal Architects, will present on the inspiration and background of the VINS Forest Canopy Walk in Hartland, Vermont, the design and permitting phases, and some of the interesting challenges they have faced as they prepare for construction of the initial elements this fall, with expected completion in the spring of 2019. "The 300-foot-long canopy walk, which would begin behind the raptor houses, would be at an approximate elevation of 40 feet, give or take. It would lead visitors through a classic New England mix of hard-and softwood trees, and would offer views of the Ottauquechee River and Dewey's Pond." (<https://www.vnews.com/VINS-plans-forest-canopy-12874819>).

We Won!



The Vermont Section won the Outstanding Section & Branch Award for Small Sections in 2012 & 2013. This means that we were the BEST

small ASCE section in the nation!



A artist's rendering of the proposed forest canopy exhibition at the Vermont Institute of Natural Science in Quechee, Vt. (Courtesy Vermont Institute of Natural Science)

We are excited to announce that ASCE Region 1 Governor Marco Scofidio will also be joining us and plans to update us on the state of the Society.

For more information and to register, click below! [More Information and Registration](#)

Student Chapter Update

UVM and Norwich have recently begun the school year and we're excited to be working on new projects and meeting up with our respective ASCE student chapters. We look forward to meeting professional members at Vermont's ASCE outings (especially ski day!).

You are welcome to contact me at [Vermont ASCE Newsletter](#) if you have something to contribute to the newsletter. Let us know if you have suggestions on how we may serve you better.

Sincerely,

Branden A. Martin, E.I. A.M. ASCE
ASCE Vermont Section President
[President Vermont ASCE](#)



Career Opportunities

Aldrich + Elliott, PC (A+E) is a 22 person engineering firm in Essex Junction, VT specializing in water resource engineering for municipalities in Vermont



and New Hampshire. A+E offers a competitive salary and benefits package. This career will provide an opportunity to work with the A+E team, consulting municipalities in Vermont and New Hampshire with innovative solutions to their water resources engineering challenges. A+E is an equal opportunity employer seeking to fill the following position:

Senior Design Engineer Position

Position Summary: A+E is seeking a senior design engineer with a strong background in water, wastewater and stormwater planning, and design. The successful applicant will be responsible for managing small and large projects for planning and design of both linear and process treatment work. Work will involve a blend of analysis, layout and design, report writing, preparation of engineering design calculations, drawings and specifications, and field work. It is expected that this individual will be the main contact for clients, regulatory officials, vendors, manufacturers, subconsultants, and contractors and command a comprehensive understanding of the projects on which they are working and will answer questions and direct staff on these projects. It is expected that a Senior Engineer has a comprehensive knowledge of engineering, design, and construction principles and provides highly skilled technical and management advice and assistance to principals and personnel.

Required Skills: To be considered for this position the following skills, or the appropriate background and interest in developing these skills, are required:

- Understanding of water, wastewater and stormwater design principles, including process treatment
- Familiarity with VT State Revolving Loan and USDA/RD funding programs and procurement process
- Familiarity with modeling tools such as WaterCAD and HydroCAD § Experience with various water, wastewater and stormwater system designs
- Experience administering water, wastewater and stormwater system construction contracts
- Capacity to successfully manage multiple tasks, objectives, and assignments
- Excellent oral and written communication skills
- Motivation and enthusiasm to learn new skills
- Legally able to work in the United States (proper documentation required)

Required Education and Experience

- B.S. in Civil/Environmental Engineering
- 10-12+ years of relevant experience in the technical skills areas described above
- Licensed Professional Engineer in Vermont or on track to obtain it

How to Apply

Please send your resume to Aldrich + Elliott via email to jhussey@aeengineers.com. To get a glimpse at what we do, see our website at www.AEengineers.com.

If your company would like to post a job opening, please follow the link below for more information:

[Posting Jobs with VT ASCE](#)

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