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VTASCE Monthly News and Updates

Good morning members of the Vermont Section of ASCE! We hope you all enjoyed the beautiful sunny weather over the weekend and are starting to get excited for spring. We have an exciting virtual presentation happening on March 29th on the Infrastructure Report Card so be sure to register! Please also save the date for UVM Engineering Design Night on April 28th, we hope to see you there!

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Reminder that we are now on Instagram! Follow us at [@vtasce](#)

For more information about Vermont ASCE you can always visit our website using the link below. Also see **job postings** and a list of our **sponsors** below. If you have any questions about the many benefits of being a Vermont ASCE member, please don't hesitate to contact us using the button below or visit the ASCE Website [Member Benefits](#). If you would like to become a member or renew your membership, please use the links below.

[Visit our Website](#)

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President's Message

Hello all.

I hope everyone has been enjoying the winter thus far, and have been able to enjoy it however you prefer! I for one am excited for the elusive sunny days we have been having while there is still great snow in the mountains!

This is an exciting time to be an Engineer in the State of Vermont! This past month we celebrated Engineers Week, culminating in the annual Banquet where we honored and celebrated some excellent engineers and students from around the state. We also released our Vermont State Infrastructure Report Card! If you have not seen it yet, be sure to check it out. Vermont Engineers have worked hard the last few months gathering data and authoring sections to compile the



2023 report card. I also had the honor to attend the ASCE legislative Fly-In in Washington D.C. with fellow VT ASCE members where we met with congressional staff to discuss infrastructure funding opportunities.

We have a few upcoming events, some new announcements, and a lot of great info in this newsletter. The Vermont ASCE board is also looking for new board members. We have a few open positions and are always open to interested folks to join in any capacity, so feel free to contact me! More details on open positions below.

As always, if anyone has any questions about ASCE, would like to become more involved, or would just like to connect, please feel free to reach out!

Thank you,

Jordan Duffy

Jmduffy72167@gmail.com

Call for Vermont ASCE Board Members

The Vermont ASCE board has vacancies this year. If you are interested in any of the positions listed below, or would like to be involved in any capacity, please reach out to VT ASCE President, Jordan Duffy (jmduffy72167@gmail.com)

- President Elect
- Treasurer
- Younger member Chair
- Membership Chair

2023 Vermont ASCE Sponsorship Request

We are seeking company sponsorship to help support a number of great ASCE Vermont Section programs and events that are planned for 2023. With your support, VT ASCE provides undergraduate support to civil engineering students at the University of Vermont, Norwich University, and Vermont Technical College and contributions to the VSE scholarship program, Engineers Week, and MathCounts. Sponsorships also allow us to offset the cost of offering a reduced rate to engineering students that are interested in attending our events which provide fun and educational opportunities for students to engage with professional members and learn what ASCE is all about.




The Green Circle sponsorship level features your company logo on the VT ASCE website for the 2023 calendar year and includes recognition at the annual Ski Day. The Blue Square sponsorship level also features your company logo on the VT ASCE monthly newsletter for the 2023 calendar year. The Black Diamond sponsorship level will also receive 2 free job postings that will remain active for 4 months. Our monthly newsletter is viewed by over 350 engineers across the state. If you would like to sponsor the ASCE Vermont Section, please fill out the sponsorship form below and return to [Alex Lulias](#), VT Section Treasurer. Please also provide a company logo in .jpeg or .png format. Payment can be made via PayPal or by check as indicated on the sponsorship form.

If you have any questions please don't hesitate to contact Alex Lulias. All sponsorship forms, logo graphics, and payments should be sent directly to Alex.

Thank you for your support!

[Become a 2023 Vermont ASCE Section Sponsor](#)

Company Sponsorship

| <u>Sponsorship Level</u> | <u>Benefits</u> | <u>Cost</u> | <u>Selection</u> |
|---|---|-------------|--------------------------|
| Green Circle Sponsor  | Includes logo on Website and recognition at the annual Ski Day on January 27, 2023. | \$150 | <input type="checkbox"/> |
| Blue Square Sponsor  | Includes logo on Website, logo on Newsletter, and recognition at the annual Ski Day on January 27, 2023. | \$200 | <input type="checkbox"/> |
| Black Diamond Sponsor  | Includes logo on Website, logo on Newsletter, two free job Postings, and recognition at the annual Ski Day on January 27, 2023. | \$300 | <input type="checkbox"/> |

Upcoming Events

Infrastructure Report Card Virtual Presentation - March 29th

Please join us on March 29th to hear more details about the Vermont Infrastructure Report Card. Vermont authors and contributors will discuss details of each section of the report card: Bridges, Dams, Energy, Roads, Aviation, Stormwater, Wastewater, Solid Waste, and Drinking Water.



[More information](#)

[Register here!](#)

Save the Date - UVM Engineering Design Night - April 28th

Students at UVM will exhibit their senior Capstone projects on Friday April 28th and have invited ASCE members to participate in a review of the projects. More details to come. PDHs will be offered to reviewers.

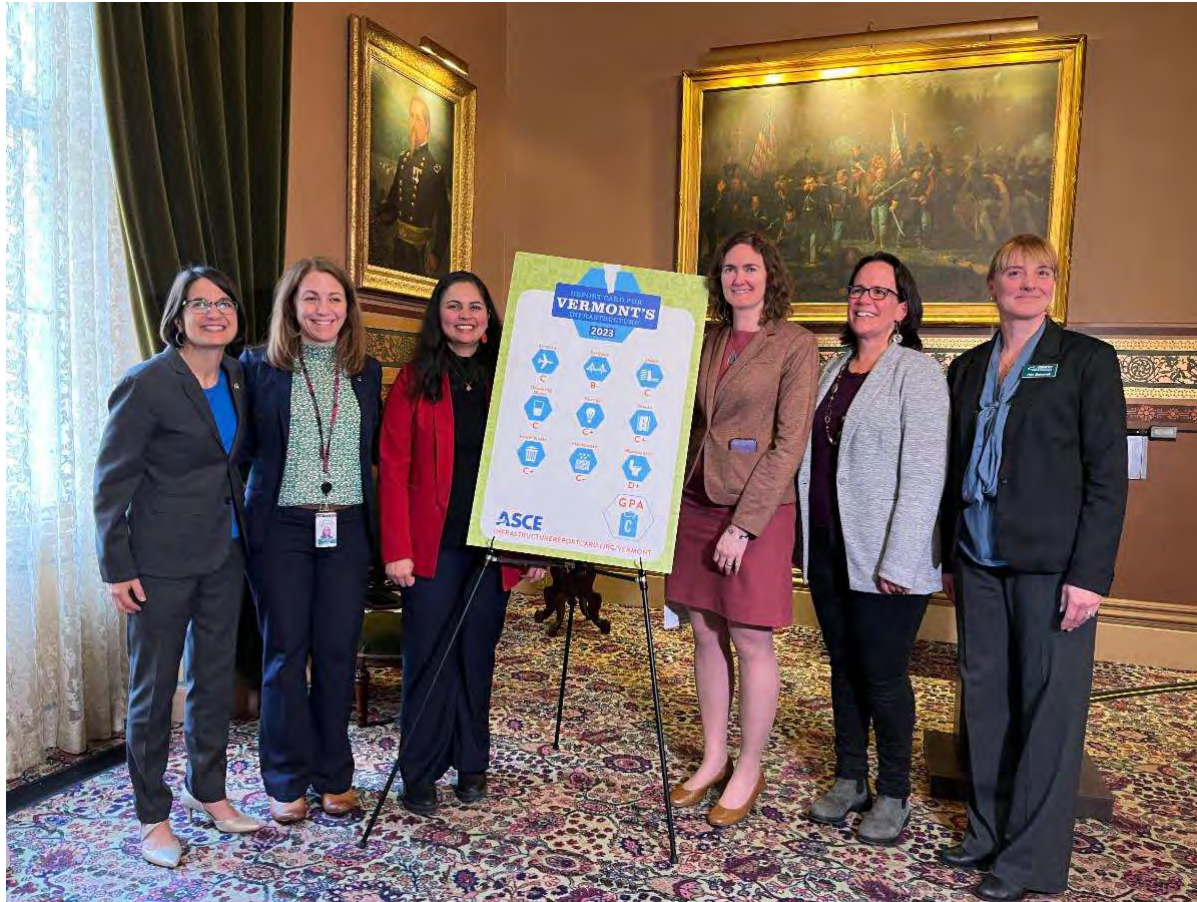


February Events Re-Cap

Infrastructure Report Release Event at the Vermont Statehouse - February 16th

We are excited to have announced the release of our 2023 Vermont Infrastructure Report Card. A press release was held at the State House on the day of the release. We had a great group of infrastructure leaders speaking at the release, including Jessica Louisos, PE (Government Relations Chair for VT ASCE), Tara Kulkarni, PE, PhD (ASCE Member and Associate Professor at Norwich University), Ann Gammell, PE (Chief Engineer, Highway Division, VTrans), Becca Balint (U.S. Representative, Vermont), Julie Moore, PE (Secretary of ANR), and Jennifer Fitch, PE (Commissioner of Buildings and General Services). A link to the Vermont State Report Card website can be found below.

<https://infrastructurereportcard.org/state-item/vermont/>



Left to Right - Becca Balint, Jennifer Fitch, Tara Kulkarni, Jessica Louisos, Julie Moore, and Ann Gammell.

2023 Engineers Week Banquet at Delta Hotel - February 24th

Vermont Engineers gathered again for the annual Engineers Week Banquet in South Burlington. Congratulations to this years Engineer of the Year, Wayne Symonds, PE, Young Engineer of the Year, Stephanie Wyman, PE., and all of our students awardees. The evening also included a great presentation about the North Hero Grand Isle Draw Bridge construction, by Todd Sumner, PE.



Wayne Symonds, PE accepting his Engineer of the Year award.



Stephanie Wyman, PE accepting her Young Engineer of the Year Award.

2023 ASCE Legislature Fly-in in Washington DC

Jordan Duffy (VT ASCE chapter president), Jessica Louisos (VT ASCE Government Relations Chair), and Stephanie Wyman (ASCE Region 1 Governor) attended the 2023 ASCE Legislative Fly-in in Washington DC. The event brought together ASCE members from across the country to meet with their respective legislative staff to discuss bills and acts that will impact infrastructure funding. The Vermont ASCE team met with offices for Senator Peter Welch, Senator Bernie Sanders, and Representative Becca Balint to discuss key issues related to infrastructure in Vermont, and how recent funding, such as the 2022 bipartisan infrastructure bill, has been implemented and what further funding and policy needs the state has. Legislative staff in D.C. rely on the ASCE organization as sources of professional knowledge on topics such as infrastructure. It was an honor to be representing our great state of Vermont!



The Vermont ASCE team on Capitol Hill.

Other Announcements

MIT Survey on Structural Engineering

We are researchers from MIT's Department of Civil and Environmental Engineering conducting a survey on embodied carbon and computational tools, such as parametric design and optimization, in building design. The responses will be used to understand how to make academic research more relevant to structural engineering practice.



If you are a structural engineer with experience in building design, we would greatly appreciate your participation in this study, regardless of your level of expertise in either embodied carbon or computational tools.

The survey is expected to take 20-30 minutes and primarily consists of multiple-choice questions and some free-text responses. Three case studies on computational tools in structural engineering will be presented, which offer an opportunity for you to learn about cutting-edge technologies being developed in your field. **In addition, participating in this survey is an opportunity for you to actively inform future research directions.**

The consent form and survey can be accessed [here](#) or via the QR code below. Please submit your responses by **Monday, March 20th**. Identifying information will be kept separate from your responses to ensure confidentiality.

Thank you!

Maggie Smith
MEng candidate, MIT Department of Civil and Environmental Engineering

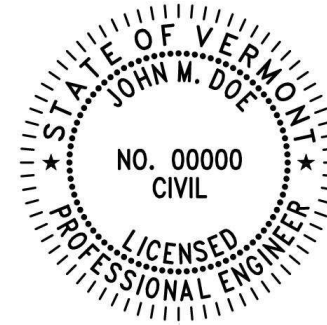
If you have any questions, please contact Maggie Smith at msmit345@mit.edu



Vermont PE Board Immediate and Future Vacancies

The Vermont Board of Professional Engineering, within the Office of Professional Regulation, has a current vacancy for a member licensed as an Electrical PE in Vermont. In addition, a vacancy for a member licensed as a Structural PE in Vermont will exist as of December 31, 2023. If your Vermont PE stamp says “Electrical” or “Structural” on it, you would likely be eligible.

The Board is responsible for overseeing the licensure of engineers (e.g., review/approval of applications), disciplinary matters related to licensed engineers, and other activities under Vermont statutes and rules. Members are appointed by the Governor for fixed terms of service. The Board meets the first Thursday morning of every other month, starting February of each year. Meetings are currently held virtually using remote-meeting software; when in-person meetings were held prior to COVID-19 (and possibly again in the future), they have been in Montpelier.



If you are interested in one of the openings, you may contact current Board Chair Scott A. Sabol, P.E., at ssabol@vtc.edu for more information. Even though the Structural PE opening is not until year's end, you may start the application process now. The Electrical PE opening needs immediate filling. More information can also be seen at <https://governor.vermont.gov/boards-commissions> (where you can apply to be a board member) or at <https://legislature.vermont.gov/statutes/section/26/020/01171> (the statute governing board membership). The general website for the Board of Professional Engineering is <https://sos.vermont.gov/engineering/>.

Job Postings

[Civil/Drainage and Water Resources Engineer - SLR, Waterbury, VT](#)

SLR International Corporation is seeking an entry- to mid-level Water Resource Engineer to work in Waterbury, Vermont. The successful candidate will work on a range of project types including stormwater management, river restoration, dam safety, dam removal, floodplain management, and flood mitigation. The engineer will work with a multidisciplinary team of engineers, scientists, landscape architects, and planners that will support their career development. We offer a small office setting where the successful candidate will get to collaborate on a wide range of assignments including field work, site assessment, design, permitting, construction oversight, and monitoring.



Job Posting

[Project Engineer - Traffic - BETA Group, Inc., Manchester, NH](#)

Are you ready to be part of a dynamic team working on high-profile projects in the Traffic/Transportation Engineering field? Our Manchester, NH office has an immediate opening for a Traffic Project Engineer to join our Traffic



team working on a variety of existing projects and providing a great opportunity for your career growth. The ideal candidate must be a driven, enthusiastic, organized, detail-oriented engineer ready to move to the next stage of their career. The Traffic Project Engineer will play a key role in strengthening our service to a growing client base across New England by providing a key role in the technical design and development of projects while overseeing and mentoring younger staff. Collaboration within and between multiple disciplines within the company is a requisite key to our collective success. Travel within New England, as needed.

Job Description

[Project Engineer - Transportation/Highway - BETA Group, Inc., Manchester, NH](#)



Are you looking for an exciting new opportunity at a well-respected, growing firm? Take the next step in your career at BETA. We have an immediate opening for an experienced Project Engineer in our Manchester, NH office. In this role, you will work alongside industry-leading engineers, planners, and landscape architects on high-profile transportation projects throughout New England.

Job Description

Does your organization have job openings and internship opportunities? Consider UVM civil and environmental engineering students. Reach out to Mandar Dewoolkar (mdewoolk@uvm.edu) and Holly Fosher (Holly.Fosher@uvm.edu) today for more information.

[Email Mandar](#)

[Email Holly](#)

If you're interested in posting a career opportunity here, please fill out [this form](#) or reach out our treasurer [Alex Lulias](#). These newsletters go out to over 350 of our Vermont ASCE members made up of practicing civil engineers.

10 Free PDH's for ASCE Members

Login to enroll in your free on-demand webinars and earn PDHs for each one you successfully complete. Choose up to 10 webinars from the 90 on-demand webinars. Each one is a 1-hour

webinar worth 1 PDH. That's 10 free PDHs from our comprehensive continuing education library – just for being a member!

[Click here for more information!](#)



Thanks to our 2023 sponsors!



Click the logo to visit the company website

If you're interested in being a sponsor for the 2023 calendar year, please fill out [this form](#) or reach out our treasurer [Alex Lulias](#)