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VTASCE Monthly News and Updates

Good afternoon members of the Vermont Section of ASCE! This winter, our monthly meetings are back to a virtual platform to help keep our community safe and healthy through the season. Stayed tuned for exciting upcoming events and be sure to register for our ASCE VT Virtual Meeting on March 16th and come bowl with our Younger Members Group on March 24th!

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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](#)

[Join Now](#)

[Contact Us](#)

President's Message

Hello all.

Happy March! I hope everyone has been able to enjoy the ups and downs of our VT weather pattern recently. Although 55 degrees and sunshine does not feel bad, I know I am looking forward to our next snowstorm of the year.

Thanks to everyone who came out to our E-week banquet. It was a great in person event. Please see the recap below for more details.

Please join us for our virtual March Meeting coming up on March 16th, from 12pm-1pm. Ben Green, PE, will be speaking about the DEC Dam Safety Program. Below you will find a link to the registration and more details.



The ASCE Board of Directors would like to invite anyone who is interested in becoming more involved in ASCE to please reach out. We have a few open board positions this coming May and we are always looking for more eager Vermont Engineers to join our board to help contribute to our community.

Thank you again to all of our members for your continued support, and please don't hesitate to reach out if you would like to present at one of our monthly meetings or if there are any topics you would like to learn more about.

Thank you,
Jordan

Call for Open Board Positions

Are you interested in becoming more involved in ASCE? We have open board positions this May and we are always looking for eager Vermont Engineers to join our board to help contribute to our community. If you would like to learn more about any positions, or just want to get more involved, please reach out to Jordan Duffy (jduffy@vhb.com).

- Secretary
- President – Elect
- Younger Member Chair
- New England Delegate
- Geo-Institute Chair
- Membership Chair
- UVM Practitioner Advisor
- Norwich Practitioner Advisor

2022 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 2022. 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.

In recognition of your sponsorship, your company logo will be featured on the VT ASCE website for the 2022 calendar year. Our Blue Square sponsors will also have their company logo featured on the VT ASCE monthly newsletter for the 2022 calendar year. Our Black Diamond sponsors 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 2022 Vermont ASCE Section Sponsor](#)

Benefit	 Green Circle	 Blue Square	 Black Diamond
1 year of company logo/link posting on VT ASCE website			
1 year of company logo/link posting on VT ASCE newsletter (sent to over 350 engineers across the state).			
(2) job opportunity postings on VT ASCE website and in newsletter (redeemable at any point during the calendar year).			
Donation Level	\$100	\$150	\$200

Project Spotlight

Green Mountain Power Middlesex Dam Spillway Rock Anchor Stabilization and Crest Concrete Resurfacing

The Middlesex Hydroelectric Dam is located on the Winooski River in Middlesex, Vermont, about one mile upstream from the river's confluence with the Mad River. This concrete dam measures 283 feet long and 50 feet high, with two low-level sluice gates and two nine-foot-diameter penstocks that feed the powerhouse. The powerhouse contains two identical Francis Units that operate with a maximum capacity of 515 cubic feet per second and a total install generation of 3.2 megawatts. This project included the installation of 19 separate vertical rock anchors along the crest of the dam, resurfacing of the concrete along the crest, and an additional 2,000 square feet of concrete replacement along the downstream face of the dam. PC completed the rock anchor placement and concrete work of the project on time and budget in October 2020. Due to mild weather conditions, the team was able to extend work on site an additional month through November 2020, completing needed downstream concrete resurfacing work that would have otherwise taken place in the spring of 2021. Through careful planning and coordination, the dam's operations remained uninterrupted throughout the duration of construction and the team maintained strict adherence to all water quality standards and requirements. PC successfully completed 13,100 worker hours without incident or recordable injury for this extremely high-risk work.



















ASCE Legislature Fly-In

On March 2nd and 3rd, Jessica Louisos, PE and Stephanie Wyman, PE attended the Annual ASCE Legislative Fly-In. Due to the Capitol building being closed to visitors due to COVID-19 restrictions, the meetings were held virtually. On Wednesday and Thursday they attended a keynote address by Dr. Geraldine Richmond, the Undersecretary for Science and Energy, U.S. Department of Energy and multiple issue briefings discussing the Infrastructure and Investment Jobs Act Implementation, Gas Prices Relief Act, Research and Development, Resilient Infrastructure, and Water Resources Development Act. On Thursday afternoon they attended meetings with the offices of Senator Patrick Leahy, Senator Bernie Sanders, and Representative Peter Welch to discuss these topics and the importance of supporting the funding of Vermont's infrastructure. They also extended their gratitude on behalf of ASCE for their vote supporting the IJA last fall. The offices were very appreciative for our time to discuss these topics with them and said that they rely heavily on our ASCE Report Card to help highlight the state of infrastructure in Vermont. For more information on becoming involved with the ASCE Vermont Government Relations Committee, please contact Jessica Louisos jlouisos@slrconsulting.com. If you're interested in signing up as a self-identified ASCE member who is interested in public policy, please consider becoming a Key Contact. <https://www.asce.org/advocacy/key-contacts>

Photo below: Jessica Louisos, PE SLR Consulting - ASCE VT Government Relations Chair; Stephanie Wyman, PE VHB - ASCE Region 1 Governor; Kaitlin Clark - Legislative Aide for Representative Peter Welch



February Events Re-Cap

Engineer's Week Banquet - February 25th

Thank you to everyone who came out to our E-week banquet! It was great to see so many familiar faces of the Vermont Engineering Community in one place again. We would like to send a big congratulations out to the winner of this year's Engineer of the Year award, Gary Santy, and Young Engineer of the Year award, Kelly Barry. Both award recipients are well deserving of this recognition! We would also like to congratulate the recipients of all of our student of the year awards! In addition, Jonathan Griffin and Jim Gish gave a great presentation about the Middlebury Bridge and Rail project, from a community perspective. It was great to hear about such a large project, and the positive community impacts associated with it.









Upcoming ASCE Events

March Virtual Meeting DEC Dam Safety Program - March 16th

Please join us on March 16th for a presentation on the Vermont DEC Dam Safety Program. Our speaker Ben Green, PE, will give an overview of the regulatory

program and dam ownership responsibilities, and discuss some big projects in the state.

1 PDH will be earned by attending

ASCE Members Free

Non-Members \$10



[Register here!](#)

ASCE VT Younger Member Group Bowling Night - Save the Date March 24th

The VT ASCE Younger Member Group would invite you to save the date for a social bowling event on March 24th at 5:30pm at Spare Time in Colchester. Keep an eye out for an invitation to follow!



Other Upcoming Events

There are no other upcoming events at this time.

Other Announcements

ASCE National 2023 ASCE President-Elect

ASCE members will get to choose between two dedicated members who have recently served as directors on ASCE's board, each seeking to become the Society's 2023 president-elect and 2024 president.



Marsia Geldert-Murphey, P.E., F.ASCE, and Peter M. Moore, P.E., ENV SP, LEED AP, F.ASCE, are the official nominees as approved by the Board of Direction Nominating Committee.

The ASCE election opens May 1 with online ballots accepted through June 1.

ASCE will induct the election winner as the 2023 president-elect at the Society's annual business meeting during the ASCE 2022 Convention in October in Anaheim, California.

[Learn more about the candidates!](#)

2022 ASCE Northeast Symposium, Hosted by the University of Vermont - Searching for Judges

UVM is seeking judges for the 2022 ASCE Northeast Symposium paper competitions! Ideally, they are looking for three judges per competition. Click below to learn more about this event!



[More information](#)

New "Energy Goals" Requirement

In 2020, the General Assembly passed Act 178, which requires certain professionals licensed by OPR to complete an education module related to the State's energy goals as a condition of license renewal. See [Act 178 \(2020\), Sec. 33](#). This requirement takes effect on July 1, 2021.^[1]



The law applies to: (1) architects, (2) landscape architects, (3) pollution abatement facility operators, (4) water system designers, (5) professional engineers, (6) property inspectors, (7) real estate appraisers, and (8) real estate brokers and salespersons. The law also applies to some Vermonters licensed by other State agencies, such as the Department of Public Safety.

What is Required?

To help you meet the new requirement, OPR has partnered with other agencies to produce a PowerPoint that offers a concise, general orientation to the State's energy goals. These goals are derived from specific acts of the General Assembly.

You can view the orientation module [here](#). Doing so now will save you time when you renew.

At the first upcoming renewal, the application form will require that you affirm having completed the orientation module linked above. It cannot be counted toward continuing education or competency requirements.

At each biennial renewal after the next, the law will require that you affirm having completed an education module specific to your profession's role in meeting the State's energy goals. By that time, environmental groups, state agencies, professional associations, and purveyors of green-energy products and services, will very likely offer a menu of free or low-cost options that satisfy the new requirement. Many of these will be eligible for continuing education credit in fields that require CE.

Please [contact OPR](#) if you have questions regarding this requirement.

[1] Pollution abatement facility operators: Although your renewal period opened in June, the effective date of your renewed license will be after July 1, 2021. Consequently, the new requirement applies to your current renewal.

Job Postings

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 2022 sponsors!



Click the logo to visit the company website

If you're interested in being a sponsor for the 2022 calendar year, please fill out [this form](#) or reach out our treasurer [Alex Lulias](#)