



May 2019 Newsletter

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Dear ,

Only a few more weeks of snow (maybe) until everything is popping out of the ground and construction vehicles can be seen rolling by much more frequently.

The board is expecting openings this year and would love to be able to bring in some new faces. If you have any interest in serving on the board, please reach out!

In this month's newsletter you'll find:

- [Report Card Update](#)
- [2019 Vermont Section Annual Meeting](#)
- [Updates from Region 1](#)
- [Student Chapter Update](#)
- [Job Openings](#)

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. For information on that, check out our webpage: [ASCE VT](#).

Please do not hesitate to contact me if you have any questions or ideas for the Section.

Report Card Release Update!

2019 REPORT CARD FOR VERMONT'S INFRASTRUCTURE



Vermont Section members Nate Pion and Jessica Louisos shared the results of the 2019 Vermont Infrastructure Report Card with our legislators on Capital Hill in Washington, DC. Senator Leahy, Senator Sanders, and Congressman Welch have been champions for Vermont's infrastructure. They have found the Vermont specific information in the report card helpful when drafting new legislation for infrastructure initiatives

2018 - 2019 Vermont ASCE Officers

Title	Name
Past President	Nathan Pion, P.E.
President	Branden Martin, E.I.
President-Elect	Chris Gendron, P.E.
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VTC Practitioner Advisor	Vacant
UVM Practitioner Advisor	Pat Finn, E.I.
Norwich Practitioner Advisor	Justin LaPerle, E.I.
Young Member Committee Chair	Jordan Duffy, E.I.
Government Relations Chair	Jessica Louisos, P.E.

and when advocating to other members on this issues. ASCE members from around the country were also making visits to Capital Hill as part of ASCE's FlyIn to advocate for infrastructure related bills including the many opportunities our representatives have to appropriate funds toward existing infrastructure programs.



The new sections on Energy, Stormwater, and Aviation were specifically requested during similar visits to our elected officials last year and were well received. Vermont's Infrastructure received an overall grade of C, but individual categories are in drastically different places regarding specific criteria and needs. Specific recommendations included for each category will be used by our congressmen and staff as they prepare or vote for legislation influencing infrastructure.

The 2019 Report Card for Vermont's Infrastructure includes an assessment of aviation, bridges, dams, drinking water, energy, roads, solid waste, stormwater, and wastewater. The full report includes detailed assessment of the condition, future needs, and recommendations for improvements for each section. [CLICK HERE FOR THE FULL REPORT](#)

A huge thank you to all of our Vermont Section member volunteers. Without your effort we would not have been able to publish this report...

**VERMONT REPORT CARD COMMITTEE AUTHORS
2019 UPDATE**

JESSICA C. LOUISOS, MS, PE Milone & MacBroom Lead Project Engineer, Water Resources	BERNARD GAGNON, PE Stantec Consulting Services Resident Engineer	MOSES TEFE, PhD, PE Norwich University Associate Professor
BRANDEN MARTIN, EI Stone Environmental, Inc. Project Engineer	JASON BLACK, EI UMass Lowell, Renewable Energy Engineering Master of Science Candidate	NATHAN PION, PE Aldrich + Elliott, PC Project Engineer
GEORGE MCCAIN JR, PE McCain Consulting, Inc. Project Manager	LAURA E. TRACY Sanborn, Head & Associates, Inc. Level 1 Engineer	ROY K. SCHIFF, PHD, PE Milone & MacBroom Water Resource Scientist and Engineer
ADAM GOUDREAU, PE GLOBALFOUNDRIES Senior Engineer	MATTHEW E. ESTABROOKS, PE Sanborn, Head & Associates, Inc. Project Manager	STEPHANIE WYMAN, PE VHB Civil Engineer
AMANDA CLAYTON, PE, MBA Krebs & Lansing Consulting Engineers, Inc. Senior Engineer		TARA KULKARNI, PhD, PE Norwich University Associate Professor
		TYLER BARNARD, EI Engineering Ventures Civil Staff Engineer

2019 Vermont Section Annual Meeting

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!



Please join us for the 2019 Annual Meeting of the Vermont Section of the American Society of Civil Engineers. We will be meeting at the Burlington Waterfront Access North at 4:45 on Wednesday, May 22 for a walking tour and discussion of the stormwater infrastructure along the waterfront. We will be joined by Kurt Muller and Michael Willard of Vanasse Hangen Brustlin, Inc. (VHB) and Paul Boisvert of Engineering Ventures P.C. (EV) who will lead our discussion.

"The Waterfront Access North project involves rebuilding the end of Lake Street, realigning and upgrading portions of the bike path, brownfield remediation, utility undergrounding, new skatepark, sidewalks, plantings, and lighting improvements, and all other needed public improvements."
<https://www.burlingtonvt.gov/CEDO/Waterfront/Waterfront-Access-North>

After the discussion and tour, we would love it if you would join us at The Skinny Pancake where we will enjoy a social gathering and buffet style meal.

One PDH will be offered to individuals who attend the walking tour and discussion.

We are excited to announce that after dinner ASCE Region 1 Governor Brad Summerville will be performing new officer inductions. We are so happy that Brad will be joining us for the afternoon and evening, especially since he's making the trip all the way from New Jersey just to come see us! If you have any questions about, or interest in ASCE at the national level, this would be a perfect time to get them answered.

We hope you can join in giving Brad a warm Vermont welcome for what will be an interesting tour, and hopefully a gorgeous afternoon and evening on the Burlington Waterfront!

[Register Now!](#)

About our Presenters:

Kurt Muller P.E., Senior Environmental Engineer

Kurt's engineering expertise includes project management, environmental site assessment, investigation and remediation design, clean-up oversight, and stakeholder collaboration. Kurt has acted as lead project manager and Environmental Professional on more than 50 EPA-funded brownfield site investigations, 15 petroleum investigations that were eligible for reimbursement from Vermont's Petroleum Cleanup Fund and four large CERCLA compliant soil management and remediation projects for the National Park Service. His experience

includes preparation of work plans, site investigation reports, and Corrective Action Plans that address a wide variety of contaminants. Kurt's expertise focuses on contaminated soil characterization and management projects that require coordination with a variety of stakeholders. Kurt is a licensed Professional Engineer in Vermont with 16 years of experience in the private sector.

Kurt served as the lead Environmental Professional on the Waterfront Access North (WAN) project between 2013-2017, which included construction of the skatepark, Lake Street Extension, and Community Sailing Center. Kurt developed and negotiated with VT DEC to obtain approval for alternative soil management strategies to what was presented in the original Corrective Action Plan (CAP). These alternative strategies increased construction efficiency and reduced project costs, by minimizing the volume of offsite soil disposal. The Environmental Professional team performed ongoing field characterization, provided oversight during excavation, removal, transport of 12,000 CY of impacted soil to a near-by receiving parcel (Flying A). The Environmental Professional team designed and oversaw the installation of isolation barrier on the Flying A parcel and prepared the Completion Report for the entire project, which was accepted by VT DEC without comment.

Mike Willard, PLA, LEED AP., Senior Landscape Architect

With over two decades of professional experience, Mike has an extensive portfolio of landscape architectural projects which includes master planning, commercial development, multifamily housing, residential projects, government facilities, streetscapes, parks, transportation, healthcare, institutional, innovative storm water, hotels and resorts. In addition to Mike's strong design capabilities, he has a broad range of technical skills on all aspects of construction detailing and implementation and in-depth knowledge of construction materials and methods.

As Project Manager on the Waterfront North Access Streetscape/Bike Path/Skate Park project, Mike partnered with the City of Burlington to create a vision for the vacant Moran Power Generating facility, turning the site into a vibrant, mixed-used activity center. Project amenities included a new bike path and pedestrian promenade, skate park and integrated the Community Sailing Center. In consideration of the project's environmentally sensitive waterfront location and past industrial use, extra care was given to integrate environmental remediation and innovate storm water design. This included a series of gravel wetlands to help significantly reduce the nutrient level in the storm water entering Lake Champlain.

Paul Boisvert, P.E., LEED AP, Senior Engineer/Principal

A graduate of the University of Vermont, Paul and brings over 20 years of engineering experience to Engineering Ventures, along with over 14 years in residential and commercial construction. His wide range of experience includes site design, project management, contract administration, and permitting at the local, state and federal levels. Paul's approach to projects combines a strong interest in sustainable design and water quality with an understanding of the operational implications that follow.

Paul enjoys the unique challenges represented by redevelopment and urban infill projects, with recent examples including the South Burlington Library and Community Center, Lake Champlain Community Sailing Center, and Waterbury State Office Complex. Paul's expertise includes numerous stormwater design projects in Vermont, many within stormwater-impaired watersheds and involving offsets, flow restoration plans, municipal stormwater treatment easements, and sediment load reductions. He has worked on a number of projects on the Burlington Waterfront including the College Street reconstruction (Waterfront Access South), Lake Street Extension and skatepark (Waterfront Access North), and the Moran site.

Region 1 Updates

Click the following link for [Updates from Region 1 Governor, Sarah Whearty](#)

Student Chapter Update

The AISC Steel Bridge Competition was held at University of Maine in Orono, ME on April 12-14. Both UVM and Norwich competed! The ASCE Concrete Canoe Challenge was held simultaneously, and Norwich also competed in that competition. Good luck to all students heading to UMaine!

UVM's Senior Design Night was held on Friday, April 26th from 5-7 pm in the Silver Maple Ballroom in the Davis Center. Thank you to all the volunteers and supporters in attendance!

The AISC Steel Bridge Competition was a huge success for Norwich who placed 2nd overall and are heading to Carbondale, Illinois to compete in the National Competition. Norwich also placed 7th overall in the Concrete Canoe Competition. Check out some of the photos from Norwich's efforts below.

EXCITING NEWS!! - Norwich will be hosting the ASCE Regional Conference in 2020 as well as the AISC Steel Bridge Competition in the same weekend (dates TBD).



Job Openings

Design and Construction Chief:

The Design & Construction Division of BGS at the State of Vermont is seeking a self-starter to lead cross-functional project teams, development of the biennial Capital Bill and Capital Budget Adjustment, and manage the Capital Bill "line item" projects. The incumbent will be responsible for guiding project managers through the design and construction phases of project delivery and enhancing collaboration and communication with our Operations and Maintenance Division. Candidates must have the ability to establish effective working relationships and thrive in a fast-paced environment with a high degree of independence.

Click here to learn more and apply: <https://careers.vermont.gov/job/Montpelier-Design-and-Construction-Program-Chief-VT-05601/552630800/>

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](#)



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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