INFORMANT



NEWSLETTER OF THE MAINE SECTION ASCE

Summer 2023



From the Editor:

Summer is in FULL swing!

The Maine Section has been enjoying the sunshine, when we get it, and working hard creating the programs for the year ahead. You will notice a cool new feature to The Informant monthly - the Data Min-ah which will highlight Maine facts & infrastructure!

There is already a lineup of good events happening all through August to network with colleagues and learn. If you have a project that you are interested in presenting for an ASCE event, please reach out!

We hope to see you soon!

Page 1 – From the Editor

Page 1 – Save the Date(s)&
Reminders for the Maine
Section of ASCE

Page 2 - 4 - Meet the Board!

Page 5 – The Wicked Data Min-ah

Page 6 – TIDC Conference

Page 7 – WTS Dog Walk

Page 7 – NNE ITE Save the Date

Page 8 – Transportation on Tap

Page 9 – Looking for Employment?

Page 10 & 11 – Advertisements

Heather

Maine Section ASCE - Save the Date(s)

August 2023						
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6	7	8 TIDC	9 TIDC	10 TIDC	11	12
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27	28	29	30	31	Sept 1	Sept 2





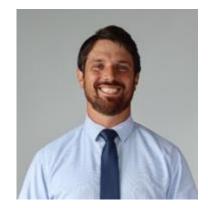
Meet the Board of Direction!



President - Nate Powelson, PE



President Elect - Nate Strout, PE



Vice President - Justin Yaitanes, PE

Nate is a project engineer at Thornton Tomasetti. He graduated with a BS in Civil Engineering from Clarkson University in 2007 and a MS in Civil Engineering with a concentration in Structural Engineering from the University of Hawaii at Manoa in 2010. He has worked on projects throughout the His experience includes failure country. investigation, repair and rehabilitation design, bridge design, property condition assessments, structural analysis and evaluation. He currently lives in Gorham with his family. He is an active member of Structural Engineers of Maine and ASCE.

Nate is a 2011 graduate of the University of Maine, where he earned a BS in Civil and Environmental Engineering. Nate joined S. W. Cole Engineering, Inc. in 2008, initially as a seasonal technician while attending the University of Maine. He is currently a senior geotechnical engineer and branch office manager of the firm's Bangor office. Nate's engineering responsibilities include coordination and monitoring of subsurface exploration programs, geotechnical analysis and design, and the preparation of engineering reports and proposals.

Justin spent most of his life in Massachusetts and relocated to Portland, Maine in 2018. He graduated from the University of Massachusetts, Dartmouth in 2005 with a Bachelor's Degree in Civil and Environmental Engineering and the University of Massachusetts, Lowell in 2015 with a Master's Degree in Civil and Environmental Engineering with a concentration in structural engineering. He started his career at MassDOT as a bridge engineer and transitioned to HNTB in 2013. Outside of the office he enjoys the great outdoors and all the great things Maine has to offer with his family. He has been a member of the Boston and now Maine ASCE sections since starting his career and looks forward to becoming more involved.







Treasurer – Lynn Frazier, PE, PTOE



Secretary - Jayson Haskell, PE

Lynn is a traffic operations engineer who splits her time between James W. Sewall Company and sister-company Frazier Signal Technologies. She graduated from the University of Maine in 2006 with her BS in Civil and Environmental Engineering. Lynn has 16 years' experience focused in Maine with the majority of her time spent on signal design, construction phasing and operational analysis. This is her 2nd year serving as the Treasurer and she is also a Past-President of the Maine Section. Lynn is originally from Medway and currently resides in Enfield with her husband, Charles, and their two children.

Jayson was born and raised in Saco,
Maine. Graduated from the University of Maine in
2007 with a Bachelor's Degree in Civil and
Environmental Engineering. He is now a
Professional Engineer working for a site/civil
engineering firm on projects all over the state. He
lives in Biddeford with his wife and son. He enjoys
camping, mountain biking and skiing during his time
off. He hopes the time on the ASCE board will allow
him to meet other engineers throughout the state
and to outreach to younger members on the
importance of civil engineering.







Director Year 2 - Ben Smith PE



Past President - Don LeBlanc PE

Ben grew up in Old Town, Maine. He graduated from the University of Maine in 2017 with a Bachelor's Degree in Civil and Environmental Engineering. During his time there, he was a member of the concrete canoe team and served as the vice president of the ASCE student chapter. He then continued at UMaine to complete a Master's Degree in Civil and Environmental Engineering with a focus in structural engineering and mechanics in 2019. During this time, he was a research assistant at the Advanced Structures and Composites Center, developing a hybrid thermoplastic composite and concrete deck system. Ben currently lives in Topsham, Maine and is a bridge engineer for the Falmouth branch of T. Y. Lin International.

Don LeBlanc is the president of DLVEWS, Inc. He started his career as a stormwater engineer and has since focused his energies on culvert, manhole, and bridge rehabilitation. He has been in the industry for 16 years. Mr. LeBlanc holds a BS in Civil Engineering from the University of Maine and is a registered Professional Engineer. Don enjoys slappin' the bass guitar, skiing in the winter, and coaching his son's baseball team in the summer. He is an active member of the culvert committee of the Transportation Research Board and a member of the ASCE Maine Chapter.





THE WICKED DATA MIN"AH"

#01 "ENLIGHTENING" THE WORLD

65

of lighthouses in Maine across 3,478 miles of coastline. Portland Head Light is the oldest and most famous Maine Lighthouse, commissioned in 1791.

Source: http://www.visitmaine.com

1500

feet from the Maine-New Hampshire border is the Whaleback Lighthouse. 16

mile light beam that shines from the Owl's Head Lighthouse.

Source: http://www.visitmaine.com

133

feet tall. The Boon Island Lighthouse, on Petit Island, is Maine's tallest lighthouse. 18

miles south of Mount Dessert Island where you will find the Mount Desert Rock Lighthouse only viewable by boat.

tstoday.com/maine-lighthouse-facts/

Source: http://www.visitmair







Conference Sessions

Tuesday, August 8th

- · Welcome Reception
- Keynote Address

Wednesday, August 9th

- · Driving Research to Deployment Panel Discussion
- · Sensing the Future: Assessing & Monitoring Transportation Assets
- · State-of-the-Art in Transportation Composites
- · Geotechnical Moonshot Research Initiatives

Thursday, August 10th

- · Autonomous Vehicles and Overcoming Demographic Challenges
- · UMaine VEMI Lab Tour
- · Successful Deployment Initiatives
- Tour of the Advanced Structures & Composites Center Add-On during registration Required

REGISTRATION





WTS-Maine Dog Walk



- Apres148 Anderson Street, Portland
- Please join us for a stroll on the Eastern Promenade Trail and drinks at Apres after the walk
- All are welcome, with or without a dog











Vote for your favorite logo for Northern New England ITE by 8/7/23 https://www.surveymonkey.com/r/KKGD5TG







Results will be announced at the Maine Meeting!







For MBTA Young Professionals & Friends

Join MBTA Young Professionals (YP) and Chair Patrick Brady for a bimonthly, traveling happy hour series. Please note our new location for August 3, 2023:

- · What: Transportation on Tap!
- · When: Thursday, August 3, 5 to 7 pm
- . Where: Burano's Wood-Fired Pizzeria of Hallowell, 192 Water Street, Hallowell





Hors d'oeuvres and engaging conversation with fun people provided. Anyone young in age, young to the industry, or young at heart is welcome! Please register below for this free event.

Sponsorships for 2023 series or individual event available!

FMI: Contact MBTA: 207-622-0526, E-mail: cindy@mbtaonline.org, or YP Chair: Pbrady@bernsteinshur.com

Cost: No cost, thanks to our sponsors, but we ask that you please RSVP.

Register HERE!







Looking for Employment?



Portland Water District is seeking an Associate Engineer to join our team and be on the leading edge of new development in the greater Portland area. The ideal candidate is energetic, motivated and a team player. The Associate Engineer will work with a diverse group of clientele, including developers, engineers, contractors, and tradespeople, on water and wastewater system

development. The position requires both office and field work.

As the Associate Engineer, you will review requests for new development and make service determinations based on capacity and hydraulics. A strong understanding of utility plans and specifications will be needed to ensure that infrastructure added to the system meets PWD standards. The Associate Engineer will also work on capital improvement projects to upgrade or replace infrastructure throughout the District's service area; including water and sewer mains, pumping stations, and treatment facilities. The Associate Engineer will administer the service application process and perform administrative and clerical tasks related to the new development process and will develop capital upgrade designs and construction contracts.

This position offers the opportunity to be involved in all phases of infrastructure development, including site work to investigate existing site conditions and to perform inspections. Excellent communication and organization skills are required for this position. The Associate Engineer will work with local municipalities and internal stakeholders on policy changes affecting new development.

Engineering Informational Flyer

Applications are ONLY accepted via our website at www.pwd.org, where you can also view a detailed job description. Please submit resume and cover letter with salary requirements.

Two years of experience applicable to water/wastewater utility design, including construction and/or consulting preferred. Two years in Asset Management preferred. A qualified applicant shall have possession of, or ability to obtain within one hear of hire date, registration as an Engineer-Intern in the State of Maine, and possession of, or ability to obtain within two years of hire, a Maine Class II Water Operator License. A Bachelor of Science degree from an accredited college or university in an engineering discipline such as Civil, Environmental, Mechanical, or Chemical is required.

Our rich benefits plan includes 12 paid holidays, 12 vacation days (2 of which are deposited into your bank at hire), accrued sick time, employer matching 457 retirement plan, medical, dental, vision, life insurance, etc.. Please view our complete 2022 benefit guide at www.pwd.org.

To view a detailed job description for our Associate Engineer, or view our excellent benefit package, please visit our website at www.pwd.org. PWD is an Equal Opportunity Employer, offering competitive wages, tuition reimbursement, training opportunities, and a comprehensive benefits package.



Maine Section Summer 2023 Newsletter





Maine, We're Hiring



powereng.com/careers



- Culvert Rehabilitation projects
 - Snap-Tite, CMP, Large Diameter HDPE
 Inflow & Inflittation Solutions (Cretex)
 - Pro-Ring, Pipe/MH & Frame Seals
 - Low Density Cellular Concrete used for geotechnical & pipe fill applications





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on Water Resources and Civil Infrastructure.

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Maine Section Summer 2023 Newsletter







Kleinschmidt



The evolution of expertise

ATFIC Company





Business Cards

Do you run your own consulting firm, or have a business that the Maine engineering community should know about? Advertise with a business card! Business card listings run for 1 year, including 9 issues of the Informant and full time on the website. Cost: \$150.00 Discounts Available: Purchase a 1-year Business Card ad and receive a \$25 discount on a Job advertisement!

Job Listings

Advertise for new employees at any level – students, EITs, and PEs will all see your ad. Job advertisements are posted in one issue of the Informant and on our Facebook page.

Cost: Quarter Page (3.75"x5") - \$35

Half Page (7.5"x5") - \$75 for 1 month

- \$500 for 1 year (9 issues)

Full Page (7.5"x10") - \$150 for 1 month

-\$1000 for 1 year (9 issues)

Would you like to advertise in the Informant? Take a look at our rates above, and contact the editor at Informant.ASCEMaine@gmail.com with any questions

The deadline for submissions is the 20th of each month prior to publication.