

monthly

INFORMANT

NEWSLETTER OF THE MAINE SECTION ASCE

March 2021



From the Editor:

March certainly is coming in like a LION this week. Unlike previous years where March is our busiest month with the engineering expo, technical seminar, badge day, and ski day, this year we will have a quiet March leading into a very busy (virtual) April. The Informant is full of the exciting things happening in April like the Technical Seminar and the Senior Capstone Judging. We are also asking that you nominate your peers for the coveted ASCE Awards!

We miss you all and hope to see you soon!

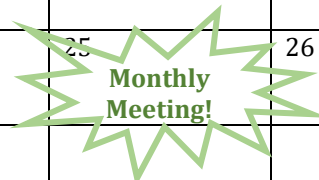
Heather

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Maine Section ASCE - Save the Date(s)

March 2021

	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			





President's Message

The days are getting longer, maple trees are being tapped all over the State, and people are getting outside to enjoy what some call Maine's "fool's spring". February was certainly a cold and snowy month but the daylight is getting brighter each day as winter gears down and the snow begins to melt.

On March 3rd, ASCE will be releasing the 2021 Report Card for America's Infrastructure. Our State Infrastructure Report Card that was released in December 2020 is modeled after the Report Card for America's Infrastructure. You can tune in to see how our State compares with the National Report Card on Wednesday, March 3rd, starting at 11:00 AM. Register today at www.infrastructurereportcard.org/2021-release.

Our Committee of Legislative Affairs has been busy with the 130th Maine State Legislature that is currently in session. Our Section is currently tracking a number of bond proposals along with a handful of bills that range from updating the dam safety program to supporting investment in public transportation infrastructure in York and Cumberland counties.

Our Section is also providing three representatives to virtually meet with our U.S. Congressional Delegation on March 4. This annual "fly-in" event is where Civil Engineers from every state fly into Washington D.C. to meet with every congressional member to discuss a number of issues. This year the event will be held virtually but its importance is just the same. This year we will be talking to our four congressional members about our State and National Report Cards, the COVID-19 Relief Bill, and an Infrastructure Investment Package.

Be on the lookout for Save the Dates in the Informant for April. We have moved our Technical Seminar from March to April 28 and 29 this year. We have a great lineup of eight presenters that will virtually be presenting over 2 days. The senior students at the University of Maine will also be virtually presenting their capstone projects on April 22 and we will be looking for professional engineers to judge the student's projects. This is always a fun event to see what designs the students have come up with for their projects!

As a reminder, each year the Maine Section of ASCE gives out awards to deserving individuals along with a project. I would encourage everyone to take a moment to think about deserving individuals around you and encourage you to submit an application for one or more of the following awards (more information can be found on page 5):

- **Civil Engineer of the Year**
- **Young Civil Engineer of the Year**
- **Maine Section Citizen Engineer of the Year**
- **Kitty Breskin Project of the Year**

Sincerely,

Dan Bouchard, P.E.

Maine Section ASCE President



Maine Section ASCE Virtual Meeting

ASCE Sustainable Parking Lot Project – ASCE Global HQ – Reston, VA

ASCE doesn't just talk about sustainable infrastructure, they put it into practice it.

In 2018 the need to repave the existing parking lot at the ASCE Global Headquarters was identified. With the desire to practice what is preached, rather than just repave the lot, with funding from the ASCE Foundation, it was decided to invest in green stormwater infrastructure to demonstrate and practice the obligation for the practice of sustainable engineering.

This presentation will provide an overview of the project from concept planning through to construction. The presenter served as a core project team member and also supported more intimately the FocalPoint biofilter system and associated accessories – the Rain Guardian Turret pretreatment device and domed overflow with filter bag insert for bypass protection.



ASCE WALKS THE TALK SUSTAINABLE PARKING LOT PROJECT

Photo from: <https://www.ascefoundation.org/asce-sustainable-parking-lot-project>

Presented by:

Robert (Rob) Woodman – P.E., C.P.E.S.C
Director of Urban Green Infrastructure
Ferguson Enterprises / ACF Environmental

RSVP By March 23rd!
Earn 1 PDH!

Schedule:

11:00-11:45 AM ASCE Board Meeting
12:00 PM - 1:00 PM Presentation

Date:

March 25, 2021

Rob graduated in Civil Engineering from the University of Wollongong, Australia. He spent the first 10 years as design and project engineer for a private engineering consulting firm, gaining experience and expanding his knowledge of the industry on a wide variety of civil and stormwater engineering design projects for private and public sector clients throughout New England. In 2014 Rob took an opportunity to leverage his expertise in innovative stormwater and green infrastructure treatment systems and transitioned from consulting to the product, solution and innovation side of the industry. Rob now serves Ferguson Enterprises (who recently acquired ACF Environmental (where Rob has worked since 2015)) as the National Director of Urban Green Infrastructure and supports engineers, landscape architects and designers on site development and green infrastructure systems overcoming design and permitting challenges with a suite of innovative solutions. He is a Registered Professional Engineer in Maine and Pennsylvania, a Certified Professional in Erosion and Sedimentation Control, Maine DEP Certified Stormwater Inspector, an ASCE member, Master Gardener, and entrepreneur. Rob lives in Gorham, Maine with his wife, Jessi and four children – Elle (13), Sadie (11), Gracie (9) and Judah (6).

To register contact **Leanne Langlois** Email: llanglois@dirigoae.com



Maine Section ASCE Annual Technical Seminar (Virtual) April 28th and 29th, 2021

DRAFT AGENDA:

Wednesday, April 28th

8:00 – 8:10 **Welcome Remarks**

8:10 – 9:10 **Using Engineering and Technology to Solve our Waste Management Issues – Where does it go and what happens to it??**
Presented by: Katrina Bussiere-Venhuizen, ecomaine

12:00 – 1:00 **Using Trenchless Non-Circular Rehabilitation in Sewer and Culverts to Save Infrastructure**
Presented by: Andy Sherwin, Channeline International

2:00-3:00 **Blue and Green Corridors Project located in the Gentilly Neighborhood of New Orleans & Moon Tide Park at the Amethyst Lot in Portland, Maine**
Presented by: Amanda Ludlow, Stantec

3:05-4:05 **Coastal Erosion Control: Making a Case for Living Shorelines**
Presented by: Peter M. Hanrahan, CPESC, Hanrahan Environmental, LLC

Thursday, April 29th

8:10 – 9:10 **Community Mapping for Coastal Resilience**
Presented by: Gayle Bowness, GMRI and Lucy Perkins, City of South Portland

12:00 – 1:00 **Resilient Infrastructure: Making the Case for Fiber Reinforced Polymer Structures**
Tim Kenerson (AIT Composites)

2:00 – 3:00 **Furthering Living Shoreline Approaches in Casco Bay, Maine**
Presented by: Peter Slovinsky, Maine Geological Survey, Department of Agriculture, Conservation and Forestry

3:05 -4:05 **Accommodating Aquatic Life Habitats within Streams and Culverts**
Shane Scott, S. Scott & Associates, LLC

ASCE Member: \$120
Non-Member: \$150
Municipal/Government Employees: \$90
Life members/Retirees/Students: \$60
*Email Don LeBlanc for more information to register!
don@dlvews.com



Student Chapter Update

Practitioner Presentations, No Pizza

Zoom meetings have still been going strong, although we do find that everyone misses the pizza. Thank you to all of our recent presenters!

- On December 2nd, Paul Godfrey, Vice President and Office Leader for HNTB Corporation in Maine and New Hampshire, gave an overview of the proposed Gorham Connector Project.
- On February 3rd, Eben Sweetser, Operations Analyst for Transit and Rail at VHB, gave a presentation on the use of Berkley Simulation's Rail Traffic Controller simulation software. This instigated a discussion on the history and future of railway engineering, especially in New England. The presentation may be viewed here: https://video.maine.edu/media/ASCE+UMaine+Weekly+Meeting/1_h2w7b3j2
- On February 17th, Don Ettinger, Vice President and Principal Partner at Gorrill Palmer, gave a presentation about various projects at Gorrill Palmer and explained how the firm operates.

Attend a Virtual Meeting

Our meetings are always open to UMaine alumni and Maine Section members. The zoom link to join is the same every week, and they always occur at noon on Wednesdays.

Join from PC, Mac, Linux, iOS or Android:

<https://maine.zoom.us/j/81643938188?pwd=Zm9XVVgxdE9HVFPtUc0T3lOZXgzQT09>

Password: ASCE

We also try to record as many meetings as possible. The links to our recorded meetings are stored in this document:

https://docs.google.com/document/d/1bfTpGj8PvwF5qdf7yl9ghQPEN-bSVW4t_jFMCbWLn8I/edit?usp=sharing

Present at a Virtual Meeting

We are still looking for speakers for the rest of the semester! Virtual meetings are a great way to get the word out about your firm to juniors and seniors, and give all students an idea of what working as a professional will be like. We aren't limited to technical presentations, either--past meetings that focused on "soft skills" and experiences have been big hits. We would also love to have more presentations on experiences within and around ASCE as a professional.

If you are interested in presenting for our student chapter, please contact Vice President Alden Burns at alden.burns@maine.edu.

Sincerely,
Maeve Shea
UMaine ASCE Student Chapter Vice President

JUDGES NEEDED!

SAVE THE DATE APRIL 22, 2021

Call for Judges!

UMaine Virtual Town Hall Meetings

Students will be submitting video presentations of their senior capstone projects beforehand and will be participating in live Q&A sessions on Thursday, April 22 at 4:30pm.



Maine Section ASCE AWARDS!

Our Section continues to win national awards because of all of our great members! To help say thank you, each year, the Maine Section ASCE recognizes an Engineer of the Year, a Young Engineer of the Year, and a Citizen Engineer. Many of our colleagues often go unrecognized for their contributions, and this is the opportunity to express gratitude for the good work and service to the community that they provide. Please consider submitting a nomination for one or more of the awards this year. The award forms are attached to the email.

Civil Engineer of the Year – presented annually to an individual who is a P.E. in Maine, has demonstrated noteworthy engineering skills, and commendable contribution of their time to the betterment of society.

Young Civil Engineer of the Year – recognize the professional contributions of younger civil engineers. The recognition is made to an engineer who is an EIT or PE in Maine and is 35 years of age or less on May 1st of the year of the award and has attained professional achievement.

Maine Section Citizen Engineer – This award is to recognize Civil Engineers who are known for volunteering their expertise to help in their community or at a national level. These individuals have contributed significant personal energy to enhance the recognition of civil engineering as a respected profession through their involvement.

Submit your nomination forms and supporting information to the chair of the awards committee chair, Philip Dunn at the following mailing address: University of Maine, School of Engineering Technology, 5711 Boardman Hall, Room 119, Orono, ME 04469-5711 or through email at philip.dunnjr@maine.edu.

Kitty Breskin Project Award –

Maine ASCE has instituted the project award in honor of the late Kitty Breskin, P.E., a Maine Department of Transportation engineer and a past-president of Maine ASCE. The inaugural winner of the Kitty Breskin Project Award, presented at the May 14, 2015 annual meeting, was in fact the MaineDOT's Kitty Breskin-Muscongus Bridge Project. The project was honored for its innovative use of technology and important contribution to infrastructure in Maine.

In order for other projects to be considered for the award they will have to show the same innovation and contribution to the community as the inaugural award. The Maine Section Award committee will review nominations and notify the winner by May 15th. The award presentation will be made and the project will be featured at the Maine Section annual meeting typically held the third week in May. Nominations are to be submitted via mail to the ASCE President and received by 5 p.m on April 30. This year's projects will be submitted to Dan Bouchard, Maine Section ASCE President, 2020-2021. President.ASCEmaine@gmail.com

The nomination material should provide information on the project and its features. Examples to include would be how the project provided safety improvements, environmental benefits, was cost effective, had a shortened schedule, charitable aspect, unique design for Maine, or was first of its kind in Maine. Every project nomination does not need to have all of these mentioned but should showcase if applicable as they will be weighed heavily. Nominations should be limited to 6 pages total not including pictures (3 pages double sided or 6 single sided pages). Pictures need to be provided on a cd or memory stick and become the property of Maine Section ASCE to display as part of the award process. The project must be substantially built by April 15th of the year being nominated for and the design team and/or the project must be based in Maine.

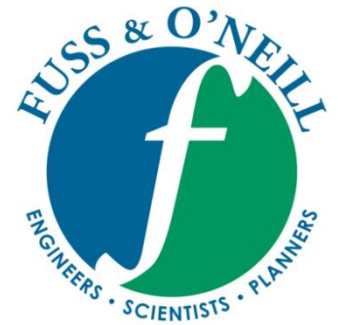
Nominations will be received until **April 30, 2021.** *

[*Please email Heather.Hayes@sewall.com for application forms!](mailto:Heather.Hayes@sewall.com)



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At Fuss & O'Neill, our mission is to provide our clients with innovative and practical engineering, scientific, and planning solutions to meet their needs. We act together as one company, collaborating to achieve our priorities; we believe diverse viewpoint make for a stronger team; and we support our employees' professional growth through training and opportunities for increased responsibility.



ABOUT THE POSITION

We are seeking a **Senior Site/Civil Engineer** to join our Community Development Department in **Kennebunk, ME** and work as a member of a team on projects including commercial site, utility, roadway and stormwater design, state and federal permitting and more. Under the general direction of the office manager, this professional will support all aspects of site/civil engineering projects including performing detailed site design (e.g., layout, grading, utilities, erosion & sediment controls, etc.), preparation of site plans and details; designing stormwater management systems; conducting field work; and mentoring early career professionals.

Position Requirements

- Bachelor's degree in Civil Engineering
- At least 8 years of relevant working experience with strong site design skills
- PE license is required
- Strong AutoCAD, Civil 3D and HydroCAD knowledge preferred
- Experience with local & state permitting requirements
- Strong written & verbal communication skills

This position will reside in our **Kennebunk, ME** office. Visa sponsorship is **NOT** available for this position.

APPLY NOW ONLINE OR Mail your resume: Fuss and O'Neill, Inc
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Would you like to advertise in the Informant? Take a look at our rates below, and contact the editor at Informant.ASCEMaine@gmail.com with any questions.

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 will run on the website for one month.

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)

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



MaineASCE Board & Committee Contacts

NAME	POSITION	COMPANY	EMAIL
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Lynn Frazier	Treasurer	Sewall Company	Treasurer.ASCEmaine@gmail.com
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Nate Powelson	Director (Year 1)	Criterion Engineers	Director1.ASCEmaine@gmail.com
John Kuchinski	Past President	City of Lewiston	
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Phil Dunn	Diversity	Main-Land Development Consultants, Inc.	
Esther Bizier			
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Heather Hayes	Informant Chair	Sewall Company	Informant.ASCEmaine@gmail.com
Peter Merfeld	Infrastructure Report Card	Maine Turnpike Authority	pmerfeld@maineturnpike.com
Mike St. Pierre	Legislative Affairs	S.W. Cole Engineering, Inc.	
Tim Merritt	Life Member Activities	Stantec Consulting Services	tim.merritt@stantec.com
John Kuchinski	Membership		
	Nominating		
Don LeBlanc	Program		
	School Age Outreach		
Mike St. Pierre	Public Relations	S.W. Cole Engineering, Inc.	
Leslie Corrow	Scholarship	Kleinschmidt Associates	Leslie.Corrow@KleinschmidtGroup.com
Heather Hayes	Technical Seminar		
CeCe Mceachern	UMaine Student Advisor/Practitioner		
	UMaine Faculty		
Eric Landis	Advisor	University of Maine	landis@maine.edu
Heather Hayes	Transportation Conference		