THE

# INFORMANT

NEWSLETTER OF THE MAINE SECTION ASCE

**April 2022** 

# From the Editor:

Happy April Maine ASCE!

April is going to be a very busy month with ASCE and our partner organizations WTS and MBTA! ASCE is hosting our Technical Seminar in person, registration and sponsorships are still open! The UMaine Seniors will be presenting their capstone projects and the Engineering EXPO is back and at Thompson's Point! AWARD nominations are due at the end of April. We are looking forward to our Annual Meeting which will also be in person, and our always popular and fun scholarship golf tournament!

We are looking for some new fresh faces to join the ASCE Board. If you or someone you know is interested in getting involved, please reach out.

We can't wait to see you!

# Heather

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Maine Section ASCE - Save the Date(s)								
April 2022								
					1	2		
3	4	5	6 WTS Meet the Commissioners	7	8	9		
10	11	12	13	14 Technical Seminar	15	16		
17	18	19	20	21	22	23 Engineering Expo		
24	25	26	27	28	29	30 Award Noms Due!		







### **President's Message**

It's hard to believe that April is here! The snow is melting quickly, flower bulbs are visible and I've quickly adjusted to wearing my lightweight winter jacket. 😳 The end of March was pretty quiet for ASCE, but it's because we have been gearing up for a busy April and May!

First up is the Annual Technical Seminar on April 14. The event will be back in person at the Hilton Garden Inn in Auburn and there is an interesting line-up of presentations which will cover a wide array of civil engineering topics. It is a great opportunity to earn some PDH's and to come network with engineers throughout the state. Registration prices go up on April 7, so register soon to get the best deal!

Maine ASCE is also looking for judges for the UMaine Senior Capstone Town Hall Presentations coming up on April 19. Due to the COVID 19 pandemic, we were again unable to hold the ASCE Senior Gala in person at UMaine. Instead of traditional Gala, ASCE is looking for volunteers to assist in judging the senior presentations in a virtual format. It's a fun opportunity to review student work and test their engineering knowledge! Please consider volunteering to help the students.

May will be here before we know it which means the annual meeting is quickly approaching. This year we will be back in person on May 19 at Spring Meadows in Gray. As a reminder, each year the Maine Section ASCE presents awards to deserving individuals and a deserving project at the meeting. I encourage everyone to consider nominating someone you know for one or more of the following awards:

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

More information about award nominations can be found in the informant. Nomination papers are due April 30!

Registration is also open for the Maine Section ASCE 29<sup>th</sup> Annual Scholarship Golf Tournament which will be held Friday, June 10 at Turner Highlands Golf Course. Get your friends together for a fun round of golf or sponsor a hole. Last year this event was a huge success. All proceeds from the golf tournament go towards Maine ASCE Scholarship programs which include: a \$2,000 scholarship awarded to one high school senior each year, STEM summer camp scholarships for elementary and middle school age kids (see application in informant!), and scholarships for UMaine Civil Engineering Students. We hope to register at least 18 teams this year, so encourage all your friends to attend and support the cause of educating future engineers!

Hope to see you all at one of our upcoming events!

**fsther Bizier,** P.E.

Maine Section President



# **Maine Section of American Society of Civil Engineers**

# **Technical Seminar - April 14, 2022**

# This year's topics include:

- Pretty Good House: A Guide to Creating Better Homes
- A Case Study for Geotechnical Asset Management
- PFAS in the Environment
- Ferland Engineering Education & Design Center
- Navigating the Complexities of Urban Excavation
- Graham Road Landfill: From Cradle to Grave
- Innovations in Geomatics
- Stream Smart Crossings

# Earn 7 PDHs for less than \$25/PDH!

### **Schedule:**

7:30am – 8:00am:	Registration and Breakfast Buffet
8:00am – 12:00pm:	Speakers
12:00pm – 1:00pm:	Lunch Buffet
1:00pm – 4:00pm:	Speakers
4:00pm – 5:00pm:	Happy Hour with Cash Bar

# **Price:**

- \$130 Government/ Municipal Officials (before 4/7)
- \$150 Maine ASCE Member (before 4/7)
- \$175 Non-Members and Late Registration (after 4/7)
- \$60 Students, Retirees, Life Members, & Unemployed Members

# **Registration:**

- Follow the Eventbrite link in the Informant email, or
- Hold your camera up to the QR Code above

### Location:

Hilton Garden Inn Auburn Riverwatch 14 Great Falls Plaza Auburn, ME 04210

# **Questions?**

Email Cece Walton - cwalton@vhb.com



This year's seminar will be held in the 4,375 SF Grand Ballroom to allow for social distancing.



**Register Here!** 



Hilton Garden Inn Auburn Riverwatch

If you are interested in sponsoring a table, please complete the following Sponsor Form.

EARLY BIRD REGISTRATION ENDS THURSDAY 4/7!





# Maine Section of American Society of Civil Engineers Technical Seminar - April 14, 2022

# **Sponsor Form**

Sponsorship Amount: <u>\$250</u>

The name of the sponsoring organization will be displaced on a table, and we welcome organizations to bring a free-standing banner to display for the duration of the seminar! Sponsoring companies will also receive one free registration.

Sponsoring Organization: Sponsor Contact Name: Email: Phone:

Please make checks payable to <u>Maine ASCE</u> Sponsorship payment will be accepted at the meeting We reserve the right to invoice no-shows

**\*\*** Email this completed form to cwalton@vhb to receive a promo code for one (1) free registration

**Questions?** Email Cece Walton – cwalton@vhb.com





# Maine Section of ASCE Annual Technical Seminar Agenda

- 7:30 8:00 **Registration, Breakfast, and Welcome**
- 8:00 8:45 **Pretty Good House: A Guide to Creating Better Homes** Presented by: Helen Watts, P.E.
- 8:45 9:30 A Landfill Life Cycle Graham Road Landfill, Beginning to End Presented by: Paul Porada, P.E.
- 9:30 10:15 **PFAS in the Environment; Where we are and where we are going with PFAS treatment in Maine** Presented by: Patrick McKeown, P.E.
- 10:15 10:30 Break
- 10:30 11:15 A Case Study for Geotechnical Asset Management Presented by: Dave Brogan, P.E.
- 11:15 12:00 Shaping our Future | The Horizon of Professional Practice Presented by: Terry D. Bennett, PLS LPF MRICS ENV SP LEED AP
- 12:00 1:00 Lunch
- 1:00 2:00 **Technical Guidance on Stream Smart Road Crossings** Presented by: Sarah Haggerty and Alex Abbott
- 2:00 3:00 Maine Medical Center Navigating the Complexities of an 80-ft Deep Urban Excavation Presented by: Giuliana Zelada, P.E., G.E., P.Eng and Zachary Boswell, P.E.
- 3:00 3:15 Break
- 3:15 4:00 Ferland Engineering Education and Design Center and the Future of UMaine Engineering Presented by: Dana N. Humphrey, Ph.D., P.E., UMaine Dean of Engineering
- 4:00 4:15 **ASCE Updates and Closing Remarks**
- 4:15 5:00 Happy Hour with Cash Bar



# 2022 Annual Meeting – Save the Date!

# **Maine Section ASCE Annual Meeting and Awards Banquet**



Thursday, May 19, 2022 5PM

Spring Meadows Golf Course 59 Lewiston Road, Gray, ME



Join us as we unwind from another busy year at the Maine Section ASCE Annual Meeting and Awards Banquet.

Come socialize and network with your engineering colleagues and meet aspiring high school students. Make sure to bring your competitive side to outwit those around you in the annual Younger Member Trivia challenge. Prizes to be award so make sure to pick your teammates carefully!

The meeting will feature award presentations, high school scholarship presentations, honoring of life members and the induction of the new section officers.

Email Heather Hayes – <u>heather.hayes@sewall.com</u> to register!

# Volunteer Opportunity!

# \*SATURDAY, MAY 21\*



Maine ASCE is looking for volunteers to assist with scraping & painting a garage and general yard cleanup at Maine's Paper & Heritage Museum. Workday starts at 9am and we will finish up in the early afternoon. Breakfast, snacks and lunch are provided for all volunteers!

To sign up contact Esther Bizier (<u>esther@main-landdci.com</u>, 931-8484) by May 20 so that we know how many people to anticipate.

Address: 22 Church Street, Livermore Falls, ME

We hope to see you there!

ASCE volunteers in September 2020 – so much fun working with your friends!





Maine Se 29 <sup>th</sup>	Ction of the Amer	ican Society C CHARIT	
Turner Hig	, <b>June 10, 202</b> shlands Golf Co Ave, Turner ME	ourse student careers Join us 04282 raise fu	eeds of the event benefit lo s interested in pursu in the A/E/C industry. on Friday, June 10,2022 as nds for aspiring students a n doing it!
	<b>Registration &amp; S</b>	Sponsorship Fees	
Registration \$325,00/Foursome \$85.00/Individual Includes: • Green fees • Cart rental • Awards banquet	Hole Sponsorship \$250.00/hole Includes: Company name displayed on a designated tee box and in the clubhouse	Hole & Foursome \$550.00 Includes: Registration for four Company name displaye on a designated tee box and in the clubhouse	
Contests Inclu	ude: Closest to the Pin, Longe	st Drive (Men's & Wome	n's) REGISTER HE
Please c Foursome Registration (\$325.00) DMPANY:	hoose your contribution below: Hole Sponsorship Of Hole & For Sponsorship (\$250.00) (\$550.00)		TOTAL \$ I have enclosed my payment Please send an invoice to the contact information I have provided below
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### **Awards Season!**

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 <u>philip.dunnjr@maine.edu</u>.

### 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 Esther Bizier, Maine Section ASCE President, 2020-2021. <u>President.ASCEmaine@gmail.com</u>

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.

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THURSDAY, APRIL 14 Liquid Riot Bottling Co., Portland

> THURSDAY, JUNE 9 Orono Brewing, Orono

THURSDAY, AUGUST 11 Cushnoc Brewing, Augusta

THURSDAY, OCTOBER 20 Brunswick area



JOIN MBTA YOUNG PROFESSIONALS (YPs) and YP Chair Patrick Brady (pbrady@bernsteinshur.com) for a bimonthly, traveling happy hour series. Transportation on Tap offers an informal opportunity for young professionals working for MBTA members to connect with one another, and to meet with more seasoned professionals.

HORS D'OEUVRES AND ENGAGING CONVERSATION with fun people provided. Anyone young in age, young to the industry, or young at heart is welcome! It is free to attend, but registration is required. Check mbtaonline.org for registration links when available. Sponsorships for series or individual events available.

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

MANY THANKS TO OUR T2 SERIES SPONSOR





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# 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 <u>www.pwd.org</u>, 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 2021 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 <u>www.pwd.org</u>. PWD is an Equal Opportunity Employer, offering competitive wages, tuition reimbursement, training opportunities, and a comprehensive benefits package.



Maine Section April 2022 Newsletter



Lisa C. Dolphin, PE SENIOR MANAGING ENGINEER -WATER RESOURCES

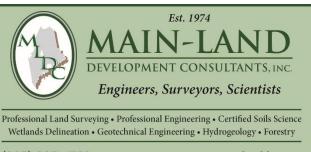
ldolphin@shumakeregineering.com

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# Advertise with Maine ASCE

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 20<sup>th</sup> of each month prior to publication.



# MaineASCE Board & Committee Contacts

NAME	POSITION	COMPANY	EMAIL
Leadership Board			
Esther Bizier	President	Main-Land Development	
		Consultants, Inc.	President.ASCEmaine@gmail.com
Tom Perkins	President-Elect	Dirigo Architectural Engineering	ElectPresident.ASCEmaine@gmail.com
Heather Hayes	Vice President	Sewall Company	VicePresident.ASCEmaine@gmail.com
Lynn Frazier	Treasurer	Sewall Company	Treasurer.ASCEmaine@gmail.com
Don LeBlanc	Secretary	DLVEWS, Inc.	Secretary.ASCEmaine@gmail.com
Nate Powelson	Director (Year 3)	Criterium Engineers	Director3.ASCEmaine@gmail.com
CeCe Walton	Director (Year 2)	VHB	Director2.ASCEmaine@gmail.com
Nathan Strout	Director (Year 1)	S.W. Cole Engineering, Inc.	Director1.ASCEmaine@gmail.com
Dan Bouchard	Past President	WSP	
Committee Chairs			
Tom Perkins/Heather Hayes	A/E Golf Tournament		
Phil Dunn	Awards	University of Maine	Philip.Dunnjr@Maine.edu
Esther Bizier	Diversity	Main-Land Development	
	, , , , , , , , , , , , , , , , , , , ,	Consultants, Inc.	
Lauren Swett	E-Week Organizing	Woodard & Curran	Lswett@woodardcurran.com
	Committee		
Will Haskell	History & Heritage Co-	Gorrill-Palmer	WHaskell@gorrillpalmer.com
	Chair		
Heather Hayes	Informant Chair	Sewall Company	Informant.ASCEmaine@gmail.com
Peter Merfeld	Infrastructure Report	Maine Turnpike Authority	pmerfeld@maineturnpike.com
	Card		
Mike St. Pierre	Legislative Affairs	S.W. Cole Engineering, Inc.	
Tim Merritt	Life Member Activities	Stantec Consulting Services	tim.merritt@stantec.com
Dan Bouchard	Membership	5	
	Nominating		
Don LeBlanc	Program		
	School Age Outreach		
	School Age Outreach		
Mike St. Pierre	Public Relations	S.W. Cole Engineering, Inc.	
Leslie Corrow	Scholarship	Kleinschmidt Associates	Leslie.Corrow@KleinschmidtGroup.com
Nate Powelson	Technical Seminar		
Chris Daubert	UMaine Student		
	Advisor/Practioner		
	UMaine Faculty		
Eric Landis	Advisor	University of Maine	landis@maine.edu
Heather Hayes	Transportation		
	Conference		