

THE

# INFORMANT



NEWSLETTER OF THE MAINE SECTION ASCE



## March 2024

### From the Editor:

This weekend we Spring Forward and I am very excited for the longer days!

This month our section is hosting the section and branch leaders from our region, Region 1 at the Spring Assembly. Region 1 is comprised of Maine, Vermont, Rhode Island, New York, New Hampshire, Massachusetts, New Jersey, Connecticut; and individual members in provinces of New Brunswick, Newfoundland and Labrador, Nova Scotia, Prince Edward Island, and Quebec in Canada. The mission of ASCE is to “Deliver value to our members, advance civil engineering, and protect the public health, safety, and welfare.” We are also hosting Ski Day, and working on a potential late month meeting and the Technical Seminar. Register today and keep an eye out for updates!

We hope to see you soon!

**Heather**

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### Maine Section ASCE - Save the Date(s)

#### March 2024

					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15 Region 1 Assembly	16 Region 1 Assembly
17	18	19	20	21 MBTA Transportation on Tap	22	23 SKI Day
24	25	26	27	28	29	30
31						



## President's Message

Hope that everyone had a great February and have been able to enjoy some snow sports before the snow has left us (for now....). Nate Strout and I represented Maine at the 2024 ASCE Legislative Fly-In, and while we didn't get to meet with the Senators or Representatives, we got to meet with their staff members heading up the infrastructure groups. It felt like a productive trip and all expressed interest in the 2024 Report Card.



The 2024 Report Card is underway, and we are still looking for a few champions for Drinking Water, Storm Water, and Hazardous Materials.



The Maine Engineering Expo was this weekend, and we had a blast working with the UMaine ASCE Section making concrete hands and water filtration systems! It was a busy event as there were over 1,600 students that attended and were exposed to the different types of engineering. A special thanks to Chris Daubert (ASCE Practitioner Advisor) for mixing multiple bags of concrete in the wheelbarrow!

We have a lot of upcoming events; ASCE Ski Day on March 23<sup>rd</sup>, Technical Seminar on April 18<sup>th</sup>, and Golf Tournament on June 14<sup>th</sup>.

Please don't hesitate to contact us if you have a project that you would like to present on or if you are interested in any I look forward to seeing you at the upcoming Events.

Thanks,

**Nate Powelson, P.E.**

Maine Section ASCE President



## Maine Section of American Society of Civil Engineers Technical Seminar - April 18, 2024

### This year's topics include:

- FEMA Hazard Mitigation Assistance Funding & Programs
- Chloride Mitigation Techniques at the Scarborough Downs
- Embodied Carbon Effects on Transportation Design
- And More!

### 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:

\$135 Government/ Municipal Officials (before 4/11)  
 \$155 Maine ASCE Member (before 4/11)  
 \$180 Non-Members and Late Registration (after 4/11)  
 \$65 Students, Retirees, Life Members, & Unemployed Members

### Registration:

- [Here at eventbrite](#), or
- Hold your camera up to the QR Code above

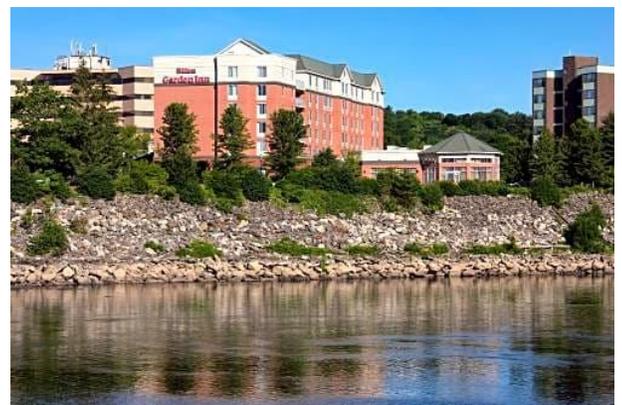
### Location:

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

### Questions?

Email Ben Shaw – [bshaw@gorrillpalmer.com](mailto:bshaw@gorrillpalmer.com)

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



Hilton Garden Inn Auburn Riverwatch

# EARN 6 PDHs!



## Maine Section of American Society of Civil Engineers Technical Seminar - April 18, 2024

### Sponsor Form

**Sponsorship Amount: \$250**

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:

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Phone:

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

**\*\* Email this completed form to [bshaw@gorrillpalmer.com](mailto:bshaw@gorrillpalmer.com) to receive a promo code for one (1) free registration**

**Questions?**

Email Ben Shaw – [bshaw@gorrillpalmer.com](mailto:bshaw@gorrillpalmer.com)



# THE WICKED DATA MIN"AH"

## #08 SPRING AHEAD WITH MAPLE SYRUP

**>575,000**  
gallons of maple syrup produced in a normal season. Maine is 3rd most producing state in the United States. Canada produces 80% of maple syrup in the world.

Source: <https://mainemapleproducers.com/>

**>55**  
million dollars generated annually in the Maine economy with over 800 jobs in 2023.

Source: <https://www.nass.usda.gov/>

**30**  
age in years a tree usually is before it is tapped.

Source: <https://mainemapleproducers.com/>

**>1.8**  
million taps in trees Maine in 2023.

Source: <https://www.nass.usda.gov/>

**100**  
# of years maple trees can yield sap.

Source: <https://mainemapleproducers.com/>



# Sugarloaf Ski Day w/ UMaine ASCE

## SATURDAY, MARCH 23, 2024!



**Join ASCE for a fun day of skiing! Non-ASCE Friends and family are welcome!**

### 2024 Prices:

- \$50 ASCE Student Members
- \$80 ASCE Members
- \$85 Non-Members
- Sponsor a Student: \$50 (helps offset cost of student tickets, companies/individuals who donate will be recognized during lunch)
- Rentals available at discounted rate, must book online in advance (\$30 alpine ski/snowboard, \$8 helmet)
- Discount rate lessons are available. Email Esther for more information.
- Have a season pass? RSVP that you'll join us for lunch, cost \$10
- Don't downhill ski, but still want to check out Sugarloaf? Spend the day at the Sugarloaf Outdoor Center for Nordic skiing, snowshoeing or ice skating and just join ASCE for lunch. Email Esther FMI

### Schedule of Events:

- 8am to 9:30 am meet in Maple Room in the base lodge to pay for and pick up ticket.
- 8:30am to 4pm Ski and Ride Sugarloaf!
- 12pm-1pm Shipyard Brewhaus for lunch
- 1pm group photo

**The cost of lunch is included in the ticket prices for ASCE Members.**

***Don't ski, but want to join us for lunch? Feel free to join ASCE even if you do not purchase a lift ticket! RSVP required, cost is \$10/person.***

**RSVP by Tuesday, March 19th to Esther Dodson ([esther@main-landdci.com](mailto:esther@main-landdci.com) or 207-931-8484).**  
**Be prepared to pay (cash, check or venmo) the day of the event BEFORE receiving your ticket.**

**Please indicate if you will be needing rentals and/or lessons when you RSVP.**



## AWARDS Season!

Our Section continues to win national awards because of all 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.

**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](mailto: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 Nate Powelson, Maine Section ASCE President, 2023-2024. [npowelson@thorntontomasetti.com](mailto:npowelson@thorntontomasetti.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, 2024.** \*

\*Please email Heather Hayes, [hhayes@vhb.com](mailto:hhayes@vhb.com), for application forms!



## STEM CAMP Scholarship

The Maine Section of the American Society of Civil Engineers (ASCE) is happy to announce the continuation of our SUMMER CAMP SCHOLARSHIP program!

- ✓ **Who?** Maine Students currently enrolled in Grades K-8.
- ✓ **What?** To attend Science, Technology, Engineering and Mathematics (STEM) oriented camps.
- ✓ **Where?** Any STEM camp you choose!
- ✓ **When?** Applications must be received by April 30<sup>th</sup>.
- ✓ **How much?** Up to \$350 to cover the cost of camp!

*The fine print:* To help those who may need assistance with camp fees we will be providing an undetermined number of scholarships to winners statewide. The selection criteria will be based on financial need and the camper's statement about why they would like to attend a STEM camp.

The payment will be sent as a reimbursement to the parent once the camp is complete and proof of attendance/cost is received. If for any reason your camper cannot attend the camp as intended the scholarship will be given to the next eligible applicant on our list.

Each camper will be asked to send us pictures and write a letter about their experience to share with the board and membership as a "thank you". This isn't meant to be homework - we're just very excited to hear about your adventure!

To apply for a scholarship please fill out the following form and mail or email to:

Lynn Frazier  
29 Smith Road  
Enfield, ME 04493  
[Lynn@FrazierSignals.com](mailto:Lynn@FrazierSignals.com)

You can also call if you have any questions:  
207-447-0080



**ASCE Engineers helping students test bridge designs**



**STEM CAMP Scholarship**

**About the Student**

Name: \_\_\_\_\_

School: \_\_\_\_\_

Age & Grade: \_\_\_\_\_

**About the Parent(s)**

Number of children: \_\_\_\_\_

Ages of children: \_\_\_\_\_

Expected annual income (approximately): \_\_\_\_\_

Name and Mailing Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**About the Summer Camp**

Name: \_\_\_\_\_

Location: \_\_\_\_\_

Cost: \_\_\_\_\_

Now for the fun part! We need the camper to tell us, in 500 words or less, why they want to attend this camp. Use additional sheets as needed.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



MAINE SECTION ASCE -- 31ST ANNUAL

# SCHOLARSHIP **GOLF** TOURNAMENT

**SPONSORSHIPS**

- Lunch Sponsor + Team
- Golf Ball Sponsor + Team
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- Hole Sponsor
- Raffles & Prizes

**FRIDAY**

**JUNE 14TH, 2024**

**AT TURNER HIGHLANDS  
GOLF COURSE**

**Check-in: 7:30am  
Shotgun start 9:00am**

.....  
 \$100 - Single Player  
 \$375 - Foursome  
 .....

All proceeds go to supporting students attending college in the A/E/C industry!

[Register Here on Eventbrite](#), or email **Heather Hayes** hhayes@vhb.com





## Looking for Employment?

**BE BOLD.  
FIND YOUR PATH.**

ASCE Maine Section board member Jenna Gilbert, EI, is boldly on her path at SME. You could be too!

SME is an Equal Opportunity Employer

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## SEVEE & MAHER ENGINEERS

SME offers civil engineers exceptional career opportunities in a culture that is friendly and down to earth. There is room to choose your own path and pursue your passions.

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- Civil Engineer (*5+ years experience*)
- Civil/Environmental Engineer (*jr/mid level*)
- Geotechnical Engineer (*entry level*)
- Geotechnical Engineer (*senior level*)
- Geotechnical Soils Lab Technician

We are growing and adding jobs all the time, so please visit our website for the latest information

[sme-engineers.com/careers](https://sme-engineers.com/careers)

207.829.5016 [info@smemaine.com](mailto:info@smemaine.com)

4 Blanchard Road, P.O. Box 85A, Cumberland, Maine 04021



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## 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](mailto:Informant.ASCEMaine@gmail.com) with any questions

The deadline for submissions is the 20<sup>th</sup> of each month prior to publication.