

THE

INFORMANT



NEWSLETTER OF THE MAINE SECTION ASCE

April 2024



From the Editor:

An entire Maine winter in two weeks? Sure, why not!? While the calendar says April, hopefully someone lets mother nature know.

This month’s issue has some great events to look forward to including the UMaine Capstone Town Hall, our Annual Technical Seminar, ASCE Life Member and Younger Member networking event and project tour, and the ever-popular WTS/SMPS Meet the Commissioners event! We are looking for volunteers to help judge the capstone projects. Our annual meeting is coming up and if you have a colleague or project deserving of an ASCE award please send nominations by April 30th!

We hope to see you soon!

Heather

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Maine Section ASCE - Save the Date(s)

April 2024

	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16 UMaine Capstone Town Hall	17	18 Technical Seminar!	19	20
21	22	23	24	25 YM/LM/PP Game NIGHT!	26	27
28	29	30 Meet the Commissioners!	May 1	May 2	May 3	May 4



President's Message



March has come and gone rather quickly. I hope that everyone is enjoying the late season snowstorms and avoiding the ice storms. A few of our members braved the March storm for our annual Ski Day (bottom photo) Looks like we have had another more big storm and then an eclipse then on to spring and summer activities!

Maine successfully hosted the Region 1 assembly this month, special thanks to Lauren Swett and Woodard and Curran for hosting (photo left). It was a success and there were some takeaways, how other sections and branches are doing and what we can incorporate into our branch. We took the Region 1 assembly up to the Portland Observatory and they enjoyed seeing a National Historic Civil Engineering Landmark.

Looking forward we have the Technical Seminar on April 18th, which is coming right up! We also have the golf tournament on June 14th and the life member event at the end of April/early May.

I hope to see you in the next few weeks!

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
- Sustainable Infrastructure: Embodied Carbon Reduction
- Geotechnical Research at UMaine: Challenges and Future
- Long Creek South Branch Gravel Wetland BMP Retrofit
- Construction Engineering for the Blue Hill Falls Bridge Demolition

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

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:

Phone:

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 to receive a promo code for one (1) free registration**

Questions?

Email Ben Shaw – bshaw@gorrillpalmer.com



THE WICKED DATA MIN"AH"

#09 MAINE RIDE SHARE PROGRAM

>2,300,000
Average vehicle miles traveled reduced each year using the statewide travel resource program.

Source: <https://gomaine.org/>

300
average member rewards in dollars available to each GO Maine member each year for using Go Maine shared services

Source: <https://gomaine.agilemile.com/faqs.php?t=more>

56
number of park n ride lots in the state of Maine.

Source: <https://www.exploremaine.org/commuters/parknride/parknride-list.shtml>

4
emergency ride home trips per year offered for qualifying events reimbursed by Go Maine as a member.

Source: <https://gomaine.org>

>51
MEMBERSHIP
of active employers of Go Maine and over 10,000 active members.

Source: <https://gomaine.org>



Judges Needed!

Greetings engineers! UMaine's Civil & Environmental Engineering capstone class is getting ready to present their projects and they need you! The CIE students have been working all semester on design projects around the state. Their online Town Hall judging event is **Tuesday April 16th from 4:30 PM to 7:00 PM**. On April 13th, the teams release 20-minute videos presenting their work. On the 16th, each team will be available for 20 minutes to answer questions from you. Each judge will watch three videos ahead of time and question three teams (for a total of about two hours of time) and then fill out and submit a short form with their feedback. Judges work in groups of three to question each group. Civil engineers of all stripes and experience level invited. If you are interested, please email edwin.nagy@maine.edu. If you're not, get one of your colleagues to volunteer.

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.

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@thorntomasetti.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, for application forms!](mailto:hhayes@vhb.com)



Maine
ASCE

Thursday
APRIL
25th

Board Game Night



**Life Member
Past President
& Younger
Member Event!**

Includes:
Project Tour,
Snacks, Games,
and Great
Conversation

More info to come.
Email Tim Merritt to register.
timothy.merritt@dot.gov

The Pint & Pawn
28 Pearl Street
Biddeford, ME 04005





WTS-Maine and SMPS NNE Present:

TRANSPORTATION PANEL

April 30, 2024 from 8am to 10:30am



William Cass
Commissioner, NHDOT



Bruce Van Note
Commissioner, MaineDOT



Jeremy Reed, P.E.
Chief Engineer, VTrans

Register Today: <https://smpsnne.org/meetinginfo.php?id=137&ts=1711718598>

Annual FEMA Benefit Cost Analysis Training

In partnership with the MEMA Mitigation Program, FEMA Region 1 is offering two Benefit Cost Analysis (BCA) training sessions:

Day 1: April 9th from 10am -11:30am will be for FEMA BCA beginner users.

Day 2: April 10th from 10am -11:30am will be for FEMA BCA intermediate/advanced users.

Currently, **there are 6 OPEN Hazard Mitigation Grant Program (HMGP) grants**. Please see the [MEMA website](#) for opportunities. A FEMA Benefit Cost Analysis (BCA) must be completed for this sub-application. These trainings are a great opportunity to learn how to complete a BCA by providing a step by step approach to reach the needed Benefit Cost Ratio of 1.0 or higher for shovel-ready projects. This is the check and balance to show the benefits outweigh the costs for taxpayers dollars. Below are the virtual zoom links for BOTH days.

April 9th, 2024: 10am – 11:30am
Benefit Cost Analysis Training (Beginner)
Join ZoomGov Meeting
<https://fema.zoomgov.com/j/1601670432>

Meeting ID: 160 167 0432
Passcode: 411049

April 10th, 2024: 10am – 11:30am
Benefit Cost Analysis Training
(Intermediate/Advanced)
Join ZoomGov Meeting
<https://fema.zoomgov.com/j/1619860711>

Meeting ID: 161 986 0711
Passcode: 468953

Please download the FEMA BCA Toolkit prior to training: <https://www.fema.gov/grants/tools/benefit-cost-analysis>



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 30th.
- ✓ **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

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
- Hole Sponsor + Team
- Hole Sponsor
- Raffles & Prizes

FRIDAY

JUNE 14TH, 2024

**AT TURNER HIGHLANDS
GOLF COURSE**

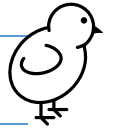
**Check-in: 7:30am
Shotgun start 9:00am**

.....
 \$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





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Installation of low density cellular concrete in a state building courtyard in Connecticut



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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!
Advertise for new employees at any level – students, EITs, and PEs will all see your ad.

Job Listings

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)

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