

THE

INFORMANT

NEWSLETTER OF THE MAINE SECTION ASCE

Summer 2021



From the Editor:

Happy Summer Maine Section! Hopefully you have been able to get outside and enjoy all that summer in Maine has to offer!

We are keeping this issue of The Informant short and sweet. The annual meeting and golf tournament had great turnouts, UMaine is looking for senior capstone projects, and the TIDC conference starts this TUESDAY!

The Maine section will soon be hosting its summer planning meeting, where we will organize the content for the 2021-2022 year. We are always open to suggestions or new ideas, so let us know if you have any feedback. We are very excited to get back to in person networking and presentations!

Enjoy the rest of your summer!

Heather

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Reminders for the Maine
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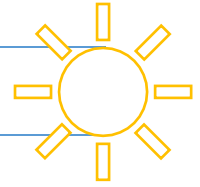
Page 7 & 8 – Advertisements

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Maine Section ASCE - Save the Date(s)

July/Aug 2021

7/18	19	20	21	22	23	24
25	26	27 TIDC Conference	28	29	30	31
8/1	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				



UMaine Capstone Seeking Projects!

Each year, University of Maine civil engineering students complete their capstone projects. Students work in teams of five to solve a real world civil engineering problem. We have worked with towns, businesses, and individuals throughout the state. The projects can be anything civil, and each project must include significant design in at least three of the following five major areas (examples included with each):

Transportation: vehicle movement, pedestrian safety, parking, intersection design, sight line improvement

Water Resources: drainage, flood level prediction, culvert design

Structures: buildings, bridges, sign supports

Geotechnical: foundations, frost susceptibility, retaining walls

Environmental: site remediation, water treatment, wastewater treatment

Ideal projects have data available (soil borings, traffic studies, surveys) as the students are not generally able to accomplish those during the year and they have some interesting decisions to make (traffic light vs. traffic circle, where should the pedestrian bridge go, what's the best system to prevent contamination).

If you would be interested in working with us, please email Edwin.Nagy@Maine.edu with a few lines about your project(s). I will be collecting ideas through July and writing up summaries in August. Students compete for projects at the beginning of the fall semester and spend the rest of the semester determining scope and schedule as they prepare for the spring. The design work happens in the spring and ends with a final report, a public presentation (probably remotely), an opinion of cost, and typically some nice visual information (posters, drawings, etc.). All their work is made available, although of course none of it is stamped so it is for reference only. A representative from the project is expected to act as the contact person throughout the year to answer questions and provide information. In the spring each student group visits their site with the project representative.

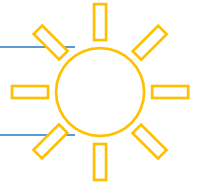
Recent projects have included intersection improvements, trail layouts, vehicle and pedestrian bridge designs, erosion control plans, salt shed site improvements, a fire station layout, a school site redevelopment study, and a compost facility feasibility study.

Thanks very much.

Edwin Nagy

Department of Civil and Environmental Engineering

University of Maine



Don't miss out on the 3rd Annual TIDC Conference!

The Mission is Possible: Solving Critical Issues in Transportation

[Register Here!](#)

Join us for virtual panel discussions and keynote speakers featuring researchers conducting cutting edge R&D, industry professionals, and representatives from DOTs across the country to discuss several novel and emerging technologies including:

Durable Low Emission Concrete:

A Road Map

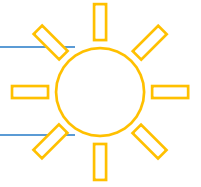
Thursday, July 29 at 10:00 am EST

Keynote Speaker:



Kimberly Kurtis, Ph.D.

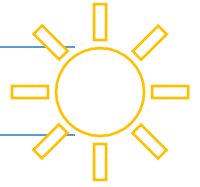
Professor and Associate Dean of Engineering, Georgia Institute of Technology



Golf Tournament Recap!

The Maine Section was able to raise **\$4500** for the scholarship fund with help from our amazing teams, sponsors and volunteers! Thank you to Turner Highlands for hosting and everyone who participated and donated! We can't wait for next year.





Annual Meeting Recap

As we are all aware, 2020 was not the usual year. Luckily, we were still able to celebrate (virtually) the accomplishments by our ASCE Section and recognize outstanding peers and projects in the field of civil engineering. Congratulations this year's winners!



Ian Messier, PE
Crooker Construction
YOUNG ENGINEER OF THE YEAR



Rob Woodman, PE, CPESC
Ferguson Enterprises
CITIZEN ENGINEER OF THE YEAR

Esther Bizier, P.E.



PRESIDENT'S AWARD WINNER!

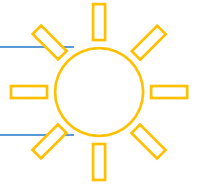


Tim Cote, PE
HNTB
ENGINEER OF THE YEAR

Kitty Breskin Project Award

**Grist Mill Bridge
Composite Tub Girder System**





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Essential Functions of Position:

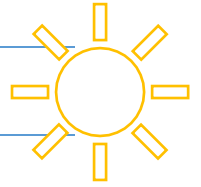
- Prepare plan sets, calculations, and specifications for grading, stormwater management systems, roadways, erosion control, and water/sewer infrastructure.
- Prepare permitting applications and associated engineering documents.
- Sign and seal documents as the engineer-of-record.
- Prepare budget estimates and proposals.
- Coordinate with internal design team(s) and with sub-contractors.
- Interface with clients, permitting agencies, planning boards, and contractors.

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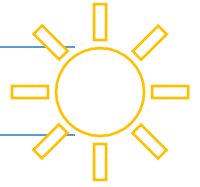
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Dan Bouchard	Past President	WSP	
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Phil Dunn	Diversity	Main-Land Development Consultants, Inc.	
Esther Bizier			
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Peter Merfeld	Infrastructure Report Card	Maine Turnpike Authority	pmerfeld@maineturnpike.com
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Eric Landis	Advisor	University of Maine	landis@maine.edu
Heather Hayes	Transportation Conference		