



President's Message



Dear ASCE Northwest Branch Members:

Happy New Year! As we all return to the “office” from our holiday breaks, however short or long, I am observing a renewed sense of productivity. The phone is ringing as clients and team members alike return calls and check in on the status of various projects. The flow of email is picking up. We are looking at our to-do lists with varying levels of excitement and/or stress. On my own to-do list is to write this address to the Northwest Branch Board membership, which has been a long time coming. The last Branch newsletter was issued shortly before COVID. Since then, like most of the world, we pressed pause on social events and in-person gatherings, moving those engagements to a virtual platform when we could and canceled or rescheduled events when we could not. Despite the lack of in-person events, many of us saw little to no change in professional workloads and those of us with young or school-aged children experienced more obligations at home. Branch activity was stagnant for a while, but activity is picking up and we have finally found ourselves with newsletter content to share with you all.

The New Year has energized us to mobilize both ourselves and this newsletter, and we hope to maintain this energy into the rest of the year. The Northwest Branch board is strengthening its partnership with the Wisconsin Section board in an effort to revitalize the branch and increase activity, both at the board and membership level. I am grateful for the accountability and support that the Wisconsin Section provides and the time and dedication devoted by Northwest Branch members to bring you this newsletter's content. I hope to interact with you at future ASCE events and wish you a happy and healthy 2022!

Sincerely,

A handwritten signature in black ink that reads "Corona Woychik".

Corona Woychik, PE, M.ASCE
Northwest Branch President

Corona.Woychik@ISGInc.com

UPCOMING EVENTS

Events

Check your emails from the Northwest Branch for all upcoming conferences, construction site visits, socials, outreach programs, and volunteer opportunities. The board is working diligently on lining up a great ASCE events for 2022!

Call for Virtual Technical Session Speakers

The ASCE Wisconsin Section's Northwest Branch is seeking speakers to lead virtual technical session webinars, organized and hosted by the Northwest Branch.

The ASCE Wisconsin Section Northwest Branch board hopes to capitalize on the collective expertise and talent represented by its membership to help provide exceptional education to fellow Branch members. Whether you are just a few years into your profession, experienced in your field, or retired, you have value to your colleagues and fellow engineers as we navigate education and professional development in the post-COVID world.

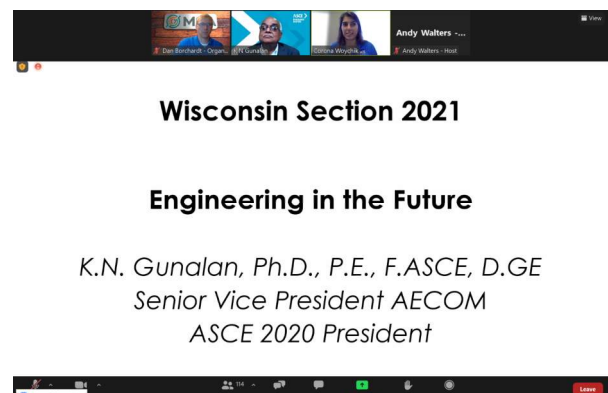
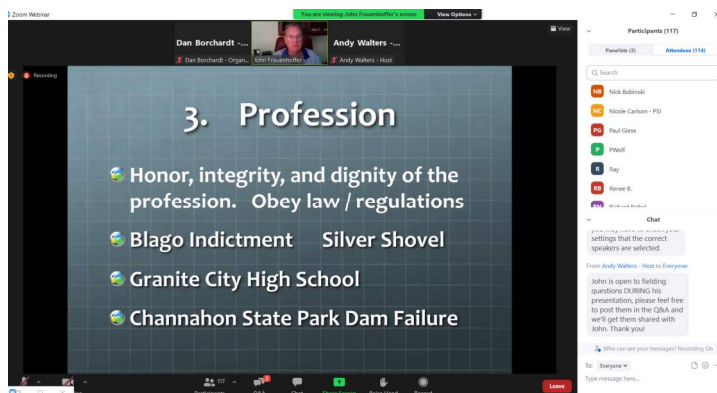
If you are interested in presenting in a virtual technical session webinar, please reach out to the Northwest Branch board by emailing the President at corona.woychik@isginc.com. Submissions should contain a title, description of the session being proposed, and three learning objectives.

PAST EVENTS

2021 Wisconsin Section ASCE Annual Meeting

The Northwest Branch would like thank members for a Successful ASCE Wisconsin Section 2021 Annual Meeting!

Thank you to the 175 attendees of the 2021 ASCE Wisconsin Section Annual Meeting, which was presented virtually on Friday, September 24, 2021 by the Northwest Branch. We welcomed incoming president Jennifer Schaff and new officers Danny X. Xiao PE, M.ASCE as President Elect, Martin Hanson PE, F.ASCE as Treasurer, Jennifer Hurlebaus, PE M.ASCE and Brad Severson PE, M.ASCE as Directors at Large. An ethics presentation was provided by John Frauenhoffer, P.E., S.E., M.ASCE, and twelve breakout sessions were provided from a variety of disciplines. The Annual Meeting included general session presentations by K.N. "Guna," Gunalan Ph.D., P.E., D. GE, F.ASCE and Marty Janowitz ACC, MES, ENV SP.



ASCE Wisconsin Section has awards to recognize the Herculean efforts of their members. At the annual meeting, awards were presented to several individuals and companies who rose above and beyond in the engineering profession. The Wisconsin Section was also recognized as the 2021 Outstanding Civil Engineer Advocate group of the year for the Wisconsin 2020 Infrastructure Report Card.

Distinguished Service award – **Mark J Rapant** PE, M.ASCE

Distinguished Service award – **Michael Paddock** PE, M.ASCE

Engineer in Consulting Practice award – **Paul R. Eiring** PE, M.ASCE

Engineer in Education – **Dr. Philip J Parker** A.M.ASCE

Wisconsin Young Civil Engineer of the year – **Zachary M Sadowski**, PE, M.ASCE

Edmund Friedman Professional Award – **Mr. John Kissinger**, PE, S.E., M.ASCE

Engineering Achievement Award - Category A - Projects with Construction Cost less than \$2 Million
CTH HH (Vanderperren Way) Reconstruction in Brown County

Owner: Brown County Department of Public Works

Design Engineer: AECOM Technical Services, Inc.

Consultants: GEI Consultants, Inc.; PSI Intertek, Inc.; Commonwealth Heritage Group

Contractor: Peters Concrete Company

Engineering Achievement Award - Category B - Projects with Construction Cost over \$2 Million and Less Than \$10 Million

CTH CA, CTH CB to Casaloma Drive in Outagamie County

Owner: Outagamie County Highway Department

Design Engineer: Westwood Infrastructure

Consultants: Saiki Design

Contractor: Vinton Construction

Engineering Achievement Award – Category C - Projects with Construction Cost over \$10 Million and Less Than \$20 Million

Little Falls Dam Reconstruction in Hudson, St. Croix County

Owner: Wisconsin Dept. of Natural Resources

Client: Wisconsin Division of Facilities Development Management

Design Engineer: Mead & Hunt, Inc.

Consultants: FreshWater Engineering, LLC; Stevens Engineers, Inc.

Contractor: Miron Construction Co., Inc

Engineering Achievement Award - Category D - Projects with Construction Cost over \$20 Million

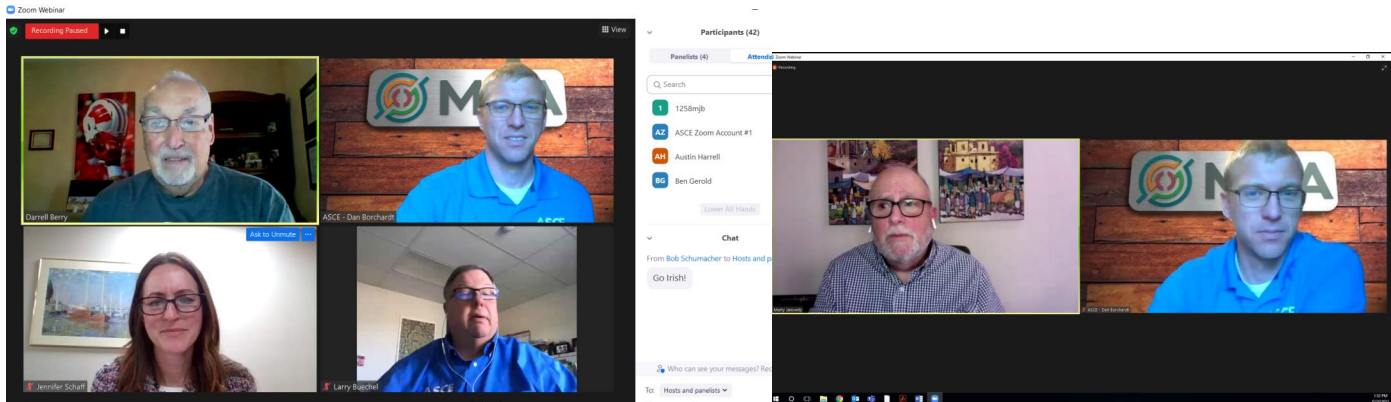
American Family Insurance Amphitheater Renovation at Summerfest in Milwaukee

Owner: Milwaukee World Festival, Inc. (Summerfest)

Design Engineer: Larson Engineering, Inc.

Consultants: ZS Architectural Engineering; Eppstein Uhen Architects

Contractor: Hunzinger Construction, Inc.



Feedback from the conference was very positive! Thank you to our registrants, our presenters, sponsors and especially to the Annual Meeting Planning Committee who volunteered extensive time to pull together a successful event, specifically:

- Dan Borchardt – Annual Meeting Chair
- Andy Walters – Session Moderator
- Corona Woychik – Session Moderator
- Mike Binsfeld – Session Moderator
- Kris Roppe
- Larry Buechel
- Ken Mika
- Brad Severson
- Jennifer Schaff
- Darrel Berry
- Jill Miller with IMPACT
- Tech Committee Chairs
 - Brian Udovich – Construction Institute
 - Emil Bautista – Geo-Institute
 - Laura Gerold – Environment and Water Resources Institute
 - Robert Schumacher – Structures Committee
 - Harry Farchmin – Management
 - Ken Swanson – Transportation and Development

Materials from the Meeting are available to conference registrants and were provided via email in September. If you attended the Meeting and did not receive these materials, please email wi.sec.asce@gmail.com.

The event was sponsored by

- Advanced Drainage Systems
- Reinforced Earth
- McMahon
- American Engineering Testing Inc.
- Subsurface Constructors, Inc.
- Fehr Graham Engineering & Environmental
- ISG



STEM Event at UW-Stevens Point

ASCE NW Branch STEM/STEAM: The Northwest Branch is looking forward to participating this year in the UW-Stevens Point STEAM Days for area 7th and 8th grade boys and girls and is looking for your help on February 11 (girls).

6 of the last 7 years (COVID – 2021) the Northwest Branch has participated in Science Technology Engineering Arts and Math (STEAM) days at UW-Stevens Point. Annually, UW-SP hosts a Friday in January and a Friday in February where 7th and 8th grade boys and girls from Central Wisconsin come to experience exhibits and take part in presentations given by a variety of professors and area STEAM professionals. Branch board members, Andy Walters (AET) and Dan Borchardt (MSA) have worked to coordinate the Branch's participation and provide hands-on learning activities for the students at each of the events. The last in-person event held in February 2020 was attended by over 400 girls from the area middle schools.



During the morning arrival and sign-in, ASCE hosts an exhibit assisting students with cooking up a batch of edible asphalt cookies and teaches students about the products, including recycled materials in typical asphalt mix.



After the morning exhibits, the Branch takes part in a series of workshops. The planned workshop for 2022 will be: Would you drink this water? As we did in 2020, the workshop will use murky water with twigs and mud to simulate the run off that occurs in nature from farm fields or streets when rainstorms pick up sediment and contaminants.

After a brief introduction into Civil Engineering and the students are setup into teams and shown how a natural water filtration system works by layering different types of rock, sand, and varying sizes of each. The students receive a stack of sieves and a bucket of mixed aggregates and are asked to design a filter that will not allow material to wash through the filter. During Part 1 of the workshop we explained the importance of wetlands and infiltration through soils.

During Part 2 of the experiment, students perform trial runs of their filtration system. We also introduce them to drinking water filtration media; flocculent, anthracite, and green sand. Each group of students test the turbidity (the degree of transparency liquid scatters light) of the water after being ran through their hand-made water filtration system.

The team with the lowest turbidity measurement (clearest water) is typically awarded a prize. Students have been able to start with the murky water (turbidity greater than 300) and lower the turbidity to less than 50. The lowest turbidity measurement to date was a 14; tap water is 10.



If you are interested in helping out at the girls event February 11, 2022 (9:30am-2:30pm), please contact Andy Walters at awalters@teamAET.com.

2021 Scholarship

The Goodell Scholarship is offered to students from the Northwest Region currently enrolled in an ABET accredited Civil Engineering program. The scholarship was started to perpetuate the spirit and enthusiasm for the civil engineering profession that Harvey Goodell contributed during his career. Mr. Goodell provided leadership on the Northwest Branch Board for many years and is most recognized for his efforts in initiating and promoting the “Eminent Board” concept.

This year’s Goodell Scholarship has been awarded to William Berger of Durand, WI! William is in his final year at the Milwaukee School of Engineering and has been active in the student chapter since his freshman year. He has attended the Multi-Regional Leadership Conference and served as Vice President of the chapter and a Captain of the steel bridge team. William is active in other organizations as well including the Associated General Contractors and Construction Management Association of America.

Congratulations to William and we look forward to seeing the great things he will do in his career and continued growth in ASCE!

Update ASCE Online Profile Regularly

Please update your ASCE online profile with current E-mail and mailing addresses to guarantee you receive ASCE newsletters and important information. As a reminder, those of you that have passed your PE exam, make sure to change your account with ASCE National. To update your ASCE profile, go to www.asce.org or call (800) 548-272.

2022 Calendar of Events

The calendar is simply a guide and may change throughout the year

March:

- Northwest Branch Board Meeting – March 4th, 2022, Virtual (Teams)
- Spring Technical Conference – Date TBD

June:

- Northwest Branch Board Meeting – Date TBD

September:

- Northwest Branch Board Meeting – Date TBD
- WI Section Annual Meeting – Date TBD

December:

- Northwest Branch Board Meeting – Date TBD
- Happy Holidays!

CURRENT NORTHWEST BRANCH OFFICERS

President: Corona Woychik - ISG: La Crosse; corona.woychik@isginc.com

President-Elect: Corona Woychik - ISG: La Crosse; corona.woychik@isginc.com

Secretary-Treasurer:

Andy Walters, American Engineering Testing, Inc.: Wausau; awalters@amengtest.com

Past President: Wisconsin Section Northwest Branch Representative:

Corona Woychik - ISG: La Crosse; corona.woychik@isginc.com

Northwest Branch Directors-At-Large:

Dan Borchardt - MSA Professional Services: Wausau; (715) 304-0448

Mike Binsfeld - J.F. Brennan Company: La Crosse; mikebinsfeld@jfbrennan.com

Kris Roppe - ISG: La Crosse; kris.roppe@isginc.com

Newsletter Editors:

Andy Walters, Kris Roppe, Dan Borchardt & Corona Woychik

