



ASCE Vision

Civil Engineers are global leaders building a better quality of life.



ASCE Mission

Provide essential value to our members and partners, advance Civil Engineering, and serve the public good.



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NON OMNIA POSSUMUS OMNES (WE CANNOT ALL DO EVERYTHING)

THE 2023 SPRING SOCIAL – BACK TO “NORMAL” ...? (OR WHAT PASSES FOR IT...)

Following our twice-celebrated Spring Socials in 2021 (both virtual, and the second one pushed back to the very end of summer), and 2022 (with at least both of them in the spring this time), our Section reverted to a single event and having this in the spring and in-person, as had been done before the virus shutdowns. Thus, on a nice spring evening on May 4, about 80 folks gathered at The Cescaphe Down Town Club atop the Public Ledger Building in Center City to do what we do at the Social, i.e. get together, network, be social, thank our outgoing Officers and Board of Directors, induct the incoming slate of Officers and Board members, cite our Delaware Valley Science Fairs awardees and Section Scholarship winners, and recognize those who would be receiving Section Awards. As always, it was quite an agenda of things to do for a relatively short evening, but we did it.

President **Moe Elghawy**, in his last official act in this capacity, opened the evening and got all settled into their seats after a great networking/cocktail hour with a spread of appetizers that could have easily been one’s meal. During the networking session many folks enjoyed the nice view of Old City and the historic area. Once all were seated dinner commenced, followed by the orders of business of the evening. The usual slide show/Powerpoint was presented to cite the Section Award recipients. This year’s awardees are noted below.

Philadelphia Civil Engineer of the Year

The recipient of our highest honor, the Philadelphia Civil Engineer of the Year award, is **Dr. Robert Traver**. Rob is a Professor in the Department of Civil and Environmental Engineering at Villanova University as well as the Director of the Villanova Center for Resilient Water Systems, also known as the Villanova University Stormwater Program. He has directed the Program for over 20 years and conducts research on green stormwater improvements. His work includes consultation on best practices and evaluation of recommended measures, both in design and construction and post-construction observations. He additionally teaches coursework for several graduate-level offerings in the Department.

Rob has been a key member of several national committees and efforts both for ASCE National’s Environmental and Water Resources Institute and the American Academy of Water Resource Engineers.

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OCTOBER DINNER MEETING

THURSDAY, OCTOBER 12, 2023

Maggiano’s Little Italy, 1201 Filbert Street (corner of 12th Street), Center City
Cocktails 5:30PM, Dinner 6:30PM, Meeting Presentation Follows (approximately 7:30PM)

SUBJECT: PennDOT I-476 Hard Shoulder Running Project Update

SPEAKERS: Sandi K. Yeakley, PE, Benesch; **Stephanie Privette, PE**, HNTB; **Allie Slizofski, PE**, PTOE, Drive Engineering/Drive Integration

RESERVATION DEADLINE – FRIDAY, OCTOBER 6. The cost per attendee is \$40 for ASCE Members (\$50 for non-members), with a half-price (\$20) cost for government agency employees and students, for reservations received by this deadline.

Reservations can be made through our website (www.asce-philly.org) and paid via PayPal or by check. This option will NOT be available after the reservation deadline. Checks, made payable to “Philadelphia Section ASCE”, will be accepted at the reservation table at the door as an option to electronic payment.

Reservations received after the deadline and “walk-ups” without prior reservations paying at the door will be charged \$50 (government agency employees and students will be charged the regular \$20 rate), and will be subject to acceptance on a space-available/standby basis.

All registrations are final. Due to commitments with our event venues, cancellations or no-shows will be invoiced for the full cost of the event. Registrants are able to transfer their registrations to others without penalty.

THERE IS NO GUARANTEE THAT SPACE WILL BE AVAILABLE IF YOU DO NOT RESERVE A SPACE. Walk-ins and anyone without a reservation will be handled on a space-available basis.

As always, guests will be welcome to attend the presentation without dinner at no charge. This will be subject to room capacity constraints.

ACCESS AND PARKING: Maggiano’s is a short walk from SEPTA’s Jefferson Regional Rail station and a half-block from bus routes, the Subway-Surface Trolleys and the Market-Frankford Line on Market Street. There is a parking garage directly above the restaurant for which validation can be offered for a reduced price. *Continued on page 4*

NOVEMBER DINNER MEETING

THURSDAY, NOVEMBER 9, 2023

Maggiano’s Little Italy, 1201 Filbert Street (corner of 12th Street), Center City
Cocktails 5:30PM, Dinner 6:30PM, Meeting Presentation Follows (approximately 7:30PM)

Please hold the date and time for this. More information will be provided in the November edition of *THE NEWS*.

SECTION MEETING SCHEDULE 2023-24

The Section Meeting program for the upcoming season remains in the preliminary stages and our meeting program committee is busy lining up speakers and topics for what we hope will be an interesting and informative series of meetings. The information we have at this point is provided below for your planning purposes. We would suggest that you use this to mark your calendar at this time and hold the dates.

In coming issues of *THE NEWS*, this information will be “fine-tuned” to provide updates as they are available. We also suggest you visit the Section website for the latest changes in our meeting program. As we have done, each month’s edition of *THE NEWS* will feature detailed information on that month’s meeting along with as much information as is available for the following month’s meeting, and the “look-ahead” schedule will show details that are available at that time for your advance awareness. E-mail blasts will be sent out on a regular basis to advise and remind of upcoming events and registration deadlines.

We also note the advantage of joint meetings with other societies and will continue to schedule these as we can.

Also, our Technical Groups and Institutes will have their usual programs of meetings and events which will be noted in e-blasts.

2023

December – to be determined, “multi-society” joint meeting with Engineers’ Club of Philadelphia

2024

January 17 (Wednesday) – joint meeting with American Society of Highway Engineers, Crowne Plaza Hotel Philadelphia-King of Prussia

February – to be determined

March 14

April 11

May – Spring Social, to be determined

MEMBERS IN THE NEWS

Schroeder Cited as Rising Star

In August, the Philadelphia Business Journal announced its honorees in its annual Women of Influence effort. This year marked the effort’s 30th anniversary of this program. Over 250 nominations were received from throughout the Philadelphia region for both the Women of Influence and its accompanying Rising Stars awards program. The Rising Stars were selected through a partnership with the Forum of Executive Women. Candidates for consideration for the honor of Rising Stars must be age 35 or younger. The honorees of each program will be cited at a dinner at the Crystal Tea Room on October 12. More information on this year’s winners can be found at <https://www.bizjournals.com/philadelphia/news/2023/08/25/women-of-influence-philadelphia-honorees.html>.

We are proud to note that Section Board Member **Danielle Schroeder** made the “cut” and has been selected as a Rising Star for this year’s slate. Congratulations to Dani on this honor!

ASCE, PHILADELPHIA SECTION OFFICERS AND BOARD OF DIRECTION — 2023-24 SEASON

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Joseph Natale, DVRPC

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Archie Filshill, Aero Aggregates, 2022-24

Danielle Schroeder, Gannett Fleming, 2022-24

Caroline Voigtsberger, Pennoni, 2023-25

PAST PRESIDENTS*

Mohamed Elghawy, Traffic Planning & Design Inc.

Briana Pampuch, Langan Engineering & Environmental Services

Jennifer Reigle, Amtrak

*In accordance with our Constitution and Bylaws, only the immediate Past President will serve on the Board, and only for a one-year term. We show the most recent three Past Presidents as has become our tradition.

In addition, these individuals will be serving in appointed positions:

ASSISTANT SECRETARY

Assunta Daprano, AECOM

ASSISTANT TREASURER

Patrick McCourt, PennDOT

We will continue to have honorary Board Members appointed as well and these names will be provided accordingly.

We wish these brave and generous folks our collective good luck for the coming season.

Contact Us:

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Senior Project Manager/Implementation Engineer

Delaware Valley Regional Planning Commission

190 N. Independence Mall West, 8th Floor, Philadelphia, PA 19106

215-592-1800; jpnatale@gmail.com

Secretary—Dennis Wilson, PE

McCormick Taylor Associates

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PUBLICATIONS COMMITTEE

Editor of *THE NEWS*

Robert Wright

Section Outreach

Jesse Gormley, Dennis Wilson

SEND COPY TO:

ASCE, c/o Urban Engineers, Inc.,
530 Walnut Street, Philadelphia, PA 19106

**COPY DEADLINE FOR NOVEMBER 2023 ISSUE
OCTOBER 13, 2023**

The **PRESIDENT’S MESSAGE** will not appear this month. This feature will resume in the November edition of *THE NEWS*.

Spring Social

Continued from page 1

He has chaired national groups and efforts that focus on sustainability, management of water resources, flood risk reduction, and flood disaster relief. His work has earned him national recognition and awards, including the AAWRE Outstanding Research and Innovation Award this year. In 2016, he was cited by Villanova for his outstanding faculty research work. Our Section honored him as our Environmental and Water Resources Engineer of the Year in 2005.

Rob received his Bachelors degree in Civil Engineering from the Virginia Military Institute in 1978, with a Masters degree from Villanova in 1982 and his Doctorate from the Pennsylvania State University in 1988. He is a Fellow in ASCE and a military veteran, having served in Desert Storm. He and his wife reside in Schwenksville.

Philadelphia Young Civil Engineer of the Year

Our Philadelphia Young Civil Engineer is **Assunta M. Daprano**, a Certified Project Manager in the Goods Movement/Transit Group at the Center City office of AECOM. She has been with the firm for the past seven years. Her duties include the review and facilitation of projects on railroad facilities and encompass the review of design documents, shop drawings, and construction procedures for railroad structures, transit stations, and streetscape elements. She has considerable experience in the coordination of projects with railroads and project sponsors, associated utility relocation and track inspections. She is resourceful and hard-working and strives to provide excellent service to her clients.

Assunta earned her Bachelors degree in Civil Engineering from Drexel University in 2016 and obtained her graduate certificate in Railroad Engineering from the University of Delaware last year. She is very involved in our Section's Younger Member Forum, where she serves as Secretary and has held various positions in past years, and a Director of our Section. She will transition to our Assistant Secretary for the coming season. She is additionally a Director of the Engineers' Club of Philadelphia and an active member of the Women's Transportation Seminar.

Assunta's hard work and dedication have been recognized in her receipt of our Community Outreach and Service Award in 2018 and ASCE National's citation of her as its Practitioner Advisor of the Year in 2022. Despite her very busy professional and volunteer schedule, she manages to find time to spend with her significant other, Joseph. She lives in Secane, Delaware County with her two cats, Pandora and Cody.

Structural Engineer of the Year.

The nominee for our Structural Engineer of the Year is **Clifford Schwinger**. Cliff is with IMEG, formerly the Harman Group, in King of Prussia, where he serves as a Senior Structural Engineering Specialist. He has been with the combined firm for the past 20 years and handles quality assurance reviews of the firm's projects as its QA manager. He has additionally developed an extensive library of structural details from his experience over the years and mentors younger staff through training and webinars. Over the course of his career he has been involved, either in leading the design effort or participating in a lead design role, in numerous significant tall building projects both locally and nationally, including several Atlantic City casinos and hotels, health sciences facilities for Jefferson and Children's Hospitals, residential towers, educational and institutional buildings, and related efforts.

Cliff received his Bachelors degree in Civil Engineering from Lehigh University in 1976. Last month, he was honored by the American Institute of Steel Construction with an AISC Lifetime Achievement award for his many contributions and service to the Structural Engineering profession and to steel construction specifically. He is a Registered Professional Engineer in four states. He is a resident of Cheltenham.

Geotechnical Engineer of the Year

Helen Robinson has been nominated as our Geotechnical Engineer of the Year. Helen is a Senior Project Manager for GEI Consultants and has served as the Branch Manager of the firm's Exton office for the past five years. She

has over 20 years of design and construction experience and provides Engineering services and project management for geotechnical design, including micropiles, tiebacks, soil nails, drilled shafts, driven piles, cofferdams, retaining walls, excavation support, ground improvement methods, and shallow foundations. She consistently endeavors to improve the Civil Engineering profession, to increase involvement and career longevity for peer professionals and to increase outreach and recruitment efforts for those considering an Engineering career. One of her current assignments is the provision of Geotechnical Engineering Services to support the Federal Highway Administration's Office of Bridges and Structures and National Geotechnical Team, including the advancement of the state of the practice and implementation of best practices for bridges, tunnels, earth retaining structures and other geotechnical features. This will allow the adoption of the latest techniques for projects to be implemented through funding from recent federal infrastructure legislation.

Helen is a graduate of the Pennsylvania State University, where she received her Bachelors degree in Civil Engineering in 2001, followed by her Masters degree in 2003. She has authored or co-authored over 20 publications and 10 magazine features on practical technological applications and design in Geotechnical Engineering and has been the presenting author at seminars and conferences throughout the country. She is a member of several technical societies in addition to ASCE, including the Pennsylvania Society of Professional Engineers and the Deep Foundations Institute. She was recognized in 2019 as one of Engineering News Record's National Top 20 Under 40. She, her daughter and two sons live in West Brandywine Township, Chester County.

Young Government Engineer of the Year

We are pleased to honor **Kevin Malley** as our Young Government Engineer of the Year. Kevin is an Engineering Supervisor in the Design Branch of the Philadelphia Water Department at its headquarters in Center City. He joined the Department six years ago and was promoted to Supervisor last December. His duties include direction of a design team for water main and sewer replacement and rehabilitation projects, the preparation of construction plans, specifications and cost estimates for improvements, production of bid documents, and related duties. His team has concentrated on efforts that can utilize trenchless technology. He manages professional services contracts that provide outside consultant assistance to support his projects.

Kevin is a graduate of Temple University, where he received his Bachelors degree in Civil Engineering in 2017, followed by a Masters degree in Water Resources and Environmental Engineering from Villanova University in 2021. He has been an active member of our Section's Younger Member Forum for several years and currently chairs YMF's Public Relations Committee. He and his partner reside in East Falls.

Community Outreach and Service Award

We recognized two individuals who have been nominated for this honor.

Nooraldean Dabdoub moved to a position with Traffic Planning and Design this summer, following several years with Lennar at its office in Hamilton, New Jersey, where he served a Field Verification Manager. He received his Bachelors degree in Civil Engineering from Drexel University in 2017 and was cited as a member of the Dean's List. He has been very active in our Section's Younger Member Forum and has served in several positions including CE Club Co-Chair and on the Forum Board. He is also a member of the Project Management Institute. He will be joining our Section's Board as a Director for the coming season. He lives in Havertown.

Kayla Nelson is a Geotechnical Senior Staff Professional with Schnabel Engineering at its office in West Chester. She has been with the firm for the past four years. Her duties include the design of foundations, both shallow and deep, micropiles, and slope stabilization methods, preparation of geotechnical reports and soil profiles, and field and laboratory testing. She received her Bachelors degree in Civil Engineering from Widener University in 2019 and was active in Habitat for Humanity efforts during her time as a Widener student. Kayla has been very active in our Section's Younger

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YOUNGER MEMBER FORUM NEWS

Laurel Welch, Forum Editor

Kirsten Brown, Forum President 2023-24

Michael Baker International, kbrown@mbakerintl.com

NEW OFFICERS

YMF conducted its election at a happy hour at **Brauhaus Schmitz** on May 17. Younger members of the Section were able to vote to elect the upcoming year's Executive Board (President, Vice President, Secretary, and Treasurer).

Following the election, the incoming, current, and past Presidents met to appoint members to fill the other Board positions. These appointed individuals typically either held a Board position previously or reached out to express interest in serving on the Board this past April/May. All elected and appointed Board members serve a one-year term, which began on June 1.

Please join us in welcoming the following members to the 2023-24 YMF Board:

Kirsten Brown, President (Michael Baker International)

Assunta Daprano, Vice President (AECOM)

Kevin Walsh, Secretary (HNTB)

Christopher Medora, Treasurer (AECOM)

Timothy Abel, Past President (Amtrak)

Dennis Wilson, Second Past President (McCormick Taylor)

Committee/Group Chairs

Awards: Emma Youngs (Gannett Fleming)

CivE Club: Nooraldean Dabdoub (Traffic Planning & Design),

Anthony Rizzo (Pennoni)

College Contact: Zachariah Abbas (Gannett Fleming), Cory Bogas (HNTB)

Community Service: Kevin Malley (Philadelphia Water Department),

Marty Williams (KMJ)

Information Technology: Tyler Farley (Traffic Planning & Design)

JEDI: Matthew Reese (Urban Engineers)

K-12 Outreach: Kerianne Chen (Traffic Planning & Design),

Elvira-Marie Mikhael (Traffic Planning & Design)

Professional Development: Dan Bhaumik (Sam Schwartz),

HuYoung Kim (THA)

Public Relations: Laurel Welch (Urban Engineers)

Social Events: Christian Antisell (Traffic Planning & Design), Ayesha Hassan (Michael Baker International)

Social Media: James Stanton (Traffic Planning & Design)

Student Member Transition: Alexis Gawelko (Gannett Fleming)

Technical Events: Anthony Ableman (Keller), Kayla Nelson (Schnabel Engineering)

We thank these individuals for their willingness to serve and commit their time, as well as those who served this past year.



Taggart School – Migrant Education Program

August 1

YMF visited Taggart School in South Philadelphia. Volunteers **John Healy** and **Kerianne Chen** from the K-12 Outreach Committee gave a presentation and ran a water pollution activity for approximately 40 students in 2nd to 5th grade. The students, participating in Pennsylvania's Migrant Education program, had been learning about water over the past month. Following the Civil Engineering overview presentation, students designed their own filtration system to aid in removing particulates from the "polluted" water. Students used coffee filters, cotton balls, marbles, spoons, cups, and a recycled soda bottle to filter out the dirt and trash in the dirty water. Volunteers and students enjoyed experimenting with the materials to determine how best to filter the water.

Phillies Game/Tailgate

August 25

YMF members and guests flocked to Citizens Bank Park for an eventful Phillies Game, following a tailgate in lot M. All attendees received a ticket to the game and enjoyed socializing with their colleagues and playing tailgate games, including cornhole. A spread of various hoagies, pretzels, and cheesesteak raviolis as well as non-alcoholic beverages were provided for the group. For those who eventually made it to the game, the Phils were victorious over the Cardinals, 7-2, courtesy of home runs by Kyle Schwarber and Alec Bohm.



OCTOBER DINNER MEETING

Continued from page 1

Please join us as we return to in-person meetings and one of our favorite locations for this at Maggiano's after our summer "vacation".

This presentation will include an update on the I-476 (Blue Route) hard shoulder running project and will additionally touch on the design effort for installation of a variable speed limit program. Similar efforts have been explored by PennDOT across the state to allow expanded roadway capacity in certain hours without expensive and impactful highway widening.

Attendees will be able to earn one Professional Development Hour (PDH) at this meeting.

If you have any questions on this, please contact Section President-Elect **Kevin Brown** (kbrown@transystems.com).

THE MULFORD CLASSIC – GOLF OUTING

Once again, the Engineers' Club of Philadelphia will be conducting its annual Philadelphia Engineering Foundation (PEF)/Mulford Classic Golf Outing. This event, the 8th Annual Mulford Classic as well as the 24th Annual PEF Outing, will be held on Monday, October 9 at the Bala Golf Club in Wynnefield. Various sponsorships, foursomes, and individual play are available.

If you're not a golfer, volunteer opportunities for various event duties are available. This is all for a good cause – PEF funds and administers college student scholarships and prizes in conjunction with the Engineers' Club that are awarded during Engineers Week.

Please visit the Engineers' Club website (www.engrclub.org) for more information and registration.

NEWS FROM NATIONAL

Reasons to attend ASCE 2023

- Attend sessions examining emerging technologies and ensure the infrastructure you build today will be future ready
- Earn up to 19.5 PDH's
- Get the latest on risk management, new funding for resilience, energy, broadband and more
- Upskill your team to be ready for what's next in the labor market and stay competitive
- Participate in technical tours of local Engineering marvels
- Network with your peers and meet new people
- Gain in-depth knowledge from a variety of pre-conference workshops
- Explore the exhibit hall and engage with the ASCE Innovation Contest
- Attend the OPAL Awards Gala
- Enjoy a screening of the Future World Vision film, Cities of the Future: Reimagining Our World, at our opening reception at the Museum of Science and Industry



Spring Social

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Member Forum over the past four years and has served on several committees, including service for the JEDI and College Contact outreach groups, and is also an active member of the Society of Women Engineers. She lives with her partner in Wayne.

As we have done in the past, we invited our **First Place** winners in the **Delaware Valley Science Fairs** to attend the Social and show off their award-winning projects. The Grades 9-12 First Place recipient, **Samantha Capili** of the Marine Academy of Technology and Environmental Science in Stafford Township, NJ, was able to be there and display her project on "Investigating Asphalt Road Temperature Differentials for Electrical Production via Thermoelectric Generators".



We also cited our **Section Scholarship** winners. **Caroline Merrill** of Temple University (photo is on the right) received our Section Scholarship while **Paige Cutler** of Clarkson University (photo at left) was selected as our Section Member Scholarship recipient. Caroline was able to attend the Social and be cited in person accordingly.



Thanks to...

Special thanks are extended to those who helped make the Spring Social a success once again this year. This includes the Spring Social Program Committee (chair **Troy Illig**, **Kevin Brown**, **Moe Elghawy**, **Jesse Gormley**, **Briana Pampuch**, **Jen Reigle** and **Bob Wright**), the various Awards audio narrators who contributed their time and voices to the cause, and the Awards Committee (chair **Bob Wright**, **Assunta Daprano**, **Mike DeBuono**, **Carol Martsof**, **Allan Moore** and **Joe Natale**).

We will begin planning for the 2024 Spring Social later this fall and details will be provided as they develop.

N-ASCE*

EARTH HAS TILTED 31.5 INCHES. THAT SHOULDN'T HAPPEN?

We Engineers know that water has power. So much power, in fact, that pumping Earth's groundwater can change the planet's tilt and rotation. It can also impact sea-level rise and other consequences of climate change.

Pumping groundwater appears to have a greater consequence than ever previously thought. But now, thanks to a new study published in the journal *Geophysical Research Letters*, we can see that, in less than two decades, Earth has tilted 31.5 inches as a result of pumping groundwater. This equates to about a ¼ inch of sea level rise.

"Earth's rotational pole actually changes a lot," Ki-Weon Seo, a geophysicist at Seoul National University and study lead, says in a statement. "Our study shows that among climate-related causes, the redistribution of groundwater actually has the largest impact on the drift of the rotational pole." With the Earth moving on a rotational pole, the distribution of water on the planet impacts distribution of mass. "Like adding a tiny bit of weight to a spinning top," the authors say, "the Earth spins a little differently as water is moved around."

Thanks to a study from NASA published in 2016, we were alerted to the fact that the distribution of water can change the Earth's rotation. This new study attempted to add some hard figures to that realization. "I'm very glad to find the unexplained cause of the rotation pole drift," Seo says. "On the other hand, as a resident of Earth and a father, I'm concerned and surprised to see that pumping groundwater is another source of sea-level rise."

The study included data from 1993 through 2010, and showed that the pumping of as much as 2,150 gigatons of groundwater has caused the noted change in the Earth's tilt. This water is largely for irrigation and human use, with much of it eventually returning to the oceans. In the study, researchers modeled observed changes in the drift of Earth's rotational pole and the movement of water. Across varying scenarios, the only model that matched the drift was one that included 2,150 gigatons of groundwater distribution.

Surendra Adhikari, a research scientist at NASA's Jet Propulsion Laboratory who was involved in the 2016 study, says the additional research is important. "They've quantified the role of groundwater pumping on polar motion," he says in a news release, "and it's pretty significant." Where the water moves both from and to matters. Redistributing water from the midlatitudes makes the biggest difference, so our intense water movement from both western North America and northwestern India have played a key role in the tilt changes.

Now that the impact of water movement is known for such a short, and relatively recent, time, digging through historical data may help show trends and provide greater depth to the understanding of groundwater movement effects. "Observing changes in Earth's rotational pole is useful," Seo says, "for understanding continent-scale water storage variations."

This data may also help conservationists understand how to work toward staving off continued sea level rise and other climate issues. Hopefully, changes can be properly implemented over time.

We at THE NEWS are not sure whether this variation should be taken into account for structural calculations, but we pass it along at any rate for your knowledge.

Thanks to *Popular Mechanics* for this information.

*N-ASCE – not always something concerning Engineering

**Since it is necessary to have enemies,
let us endeavor to have those who do us honor.**

– Charles Augustin Sainte-Beuve

SECTION AGENCY PARTNERSHIP PROGRAM

As you may be aware, our Section offers a Section Sponsorship Program to allow firms to help provide our various activities and programs for our membership and the Civil Engineering community in the Philadelphia area. This involves

a financial commitment which is reflected in the placement of the participant's logo and business card in *THE NEWS* and on the Section's website, along with several other benefits.

Additionally, we have established an informal

recognition of government and quasi-government agencies for the assistance they have provided us, through volunteer assistance and award recognition among other things. Our Agency Partners' logos are shown below.



PROFESSIONAL DEVELOPMENT REQUIREMENTS UPDATE

As you may be aware, Professional Engineers, Land Surveyors and Geologists in many states are required to obtain continued professional development (CPD) credit to renew their licenses in many states. Locally, this includes Pennsylvania, New Jersey and Delaware.

This time around, Pennsylvania renewals are due, and the deadline has now passed (**September 30**). An added item on this one is that late renewals will NOT be accepted, thus if you did not re-up on time, your license will expire and you will need to submit a reactivation application before your license will be returned to active status. Thus, the proverbial word to the wise has been provided.

During your renewal process, you had to check your tally of professional development hours (PDH) that you needed to attest that you had to meet the minimum for renewal. With this notice coming in the summer, for those short some PDH's, getting them might be difficult as many professional societies do not offer meetings and go dormant over the summer months. As you may know, our Section's meeting program is generally able to count toward your continuing education requirement (meetings that the Section believes would not count will be prefaced as such in the meeting announcement) for many states. We also offer various Technical Group and YMF meetings and events that offer PDH credit (including the ability to view a meeting after the fact, through **Teachable**, and get said credit).

We additionally continue to offer a verification program in place to help our members obtain and track PDH's. Over a two-year licensure period, our Section meeting program alone could amount to half of what one needs to meet many states' requirements.

Additionally, ASCE National offers free on-demand webinars and coursework that will get you up to 10 PDH's as a benefit of your membership. Information on this is available in the Membership section of the **ASCE National website (www.asce.org)**.

ASCE Day – NOVEMBER 5

In 1852, twelve esteemed Engineers gathered in New York City to establish what would become the American Society of Civil Engineers. **November 5** will mark the Society's **170th anniversary**, so mark your calendars for this **ASCE Day**. And with this being on a weekend, that keeps things wide open for extended celebrations, etc., as you may need... Hence our giving you a month's plus advance notice on this.

Also, somewhat related, you may have missed it, but **Professional Engineers Day** was celebrated on **August 2** and **World Engineers Day** on **September 15**. Feel free to celebrate belatedly as you need.

THANKS TO OUR SPONSORS – 33RD YEAR OF THIS PROGRAM!

At this early point in our season, we are proud to note that 12 firms have agreed to participate in our Section Sponsor program. We extend our special and collective THANKS to each sponsor for their financial commitment and support.

And, as noted in the title, this is the 33rd season of our sponsorship program. When this started in our 1991-92 season, there were nine firms that participated in it (one remains at present!). Thanks to all of you have participated in this over the years.

Sponsor logos are displayed in a special Sponsors section of our website. Additionally, we provide direct links to sponsors' own websites so prospective employees can review all available and up-to-date positions. We also offer sponsors the opportunity to have a "spotlight" article in an edition of *THE NEWS*.

We contacted last year's sponsors in late August to determine their interest for this season, so if you were "in" last year but haven't yet renewed, we look forward to having you back.

If you have an interest in joining our sponsorship program, please contact **Bob Wright** at newseditor@asce-philly.org for more details.

In case you were wondering, the nine "original" sponsors were the following. You are correct if you might think some of them no longer exist.

- BCM Engineers Inc.
- Drexel University (J. Richard Weggel, PhD, PE)
- Lippincott Engineering Associates
- National Timber Piling Council
- Pennoni Associates, Inc.
- Pickering Corts & Summerson, Inc.
- The RBA Group
- Reutter Engineering
- Temple University



When your child earns his first money for ice cream, do the following. Before he has a chance to lick his ice cream, snatch it from him and bite off 20%. While your child stares at you in amazement, take another 30% bite. Then give him the rest of the ice cream and explain that this is what the state does with all the money someone earns. And that this will be the case with every ice cream he buys for himself. And that the percentage of the bite can be reduced by grabbing the biter by the hand and demanding to know why they are taking so many bites. If every parent does this, there is hope that a generation of people will grow up in this country who will understand that the government doesn't have its own money - it only has taxpayer money. And that taxpayers not only can, but should, monitor how government officials spend their money.

– Margaret Thatcher

PARC Category of the Month: Aviation

As you may recall, the **Pennsylvania Report Card (PARC)** was released last November and assessed and graded 15 categories of infrastructure. We will provide a summary of one category each edition in upcoming issues of *THE NEWS*. To keep it simple, we'll do this alphabetically by category, which starts off with Aviation.

Aviation: 2022 grade B-; 2018 grade C+

Airports in Pennsylvania generate over \$10 billion in annual payroll and over \$23 billion in economic activity. The pandemic hampered long-term infrastructure plans with significant reductions in usage fees, but activity has bounced back. Enplanements at Pittsburgh are now 65% of pre-shutdown level and 85% of that benchmark in Philadelphia. Allegheny County Airport now sees more customers than before the pandemic.

Pennsylvania's capital budget program sees requests for key projects three to four times the amount of funding available. Positives over the last four years include implementation of Pittsburgh International Airport's (PIT) Terminal Modernization Program, the expansion/planned expansion of cargo facilities, and a focus on resiliency projects including a micro-grid at PIT and a solar field at Northeast Philadelphia Airport (PNE).

Please visit <https://infrastructurereportcard.org/state-item/pennsylvania/> for more information on this and how you can inform your elected officials on actions that should be considered to address this.

YOUR CARD CAN BE HERE!

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Suppose you were an idiot. And suppose you were a member of Congress... But I repeat myself.

— Mark Twain

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