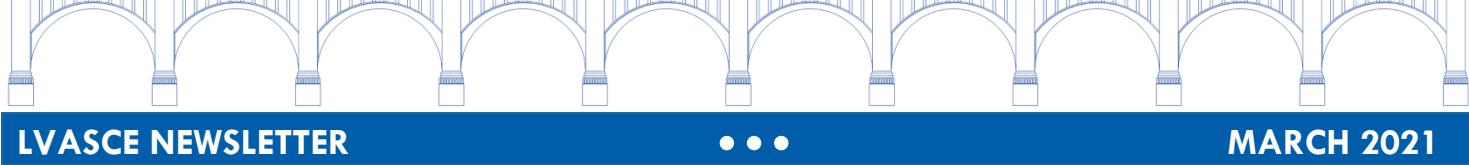


ASCE LEHIGH VALLEY SECTION

AMERICAN SOCIETY OF CIVIL ENGINEERS



LVASCE NEWSLETTER

• • •

MARCH 2021

FROM THE PRESIDENT



Greetings from the Board of the Lehigh Valley Section.

Fifteen years ago, I was serving in Afghanistan, working with a small but enthusiastic team of Afghan engineers to establish a civil engineering program at the National Military Academy of Afghanistan in Kabul. I dug out the photo at left, not just to commemorate this personal anniversary, but also as a reminder that—even though the ongoing pandemic has challenged us all—our trials and tribulations pale in comparison with the challenges being faced by our colleagues in the developing world every day. In February, LVASCE paid tribute to some of these engineers—and to an extraordinary organization that supports their efforts—as **Bill MacNair** and **Tom Power** delivered their superb presentation, “Engineering Infrastructure in Developing Countries”—an overview of their work with the Lehigh

Professional Section of **Engineers without Borders** in the Dominican Republic and Sierra Leone. Thanks, Bill and Tom, for sharing your experiences. More importantly, thanks for the selfless work you are doing with EWB to make our world a better place.

This month, we are delighted to welcome **Hanover Engineering** as a new LVASCE Annual Sponsor. Check them out at <https://www.hanovereng.com/>

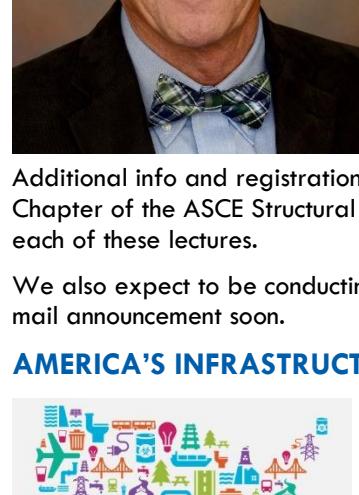
We're also excited to highlight **Aerix Industries** as our Featured Sponsor for March. Please see their ad below, and check out their Virtual Trade Show at <http://www.aerixexhibit.com/>. Many thanks to **Nico Sutmoller**, not only for coordinating the sponsorship, but also for contributing a technical webinar to this month's program. (See “Upcoming Events” below.)

Finally, my sincere thanks to all who participated in our annual Membership Survey. I'll summarize the results in a future issue of this newsletter.

As always, I welcome your comments and questions about any aspect of the Section's programs and governance. Please don't hesitate to contact me at sjressler@gmail.com

Steve Ressler, PE, PhD, Dist.M.ASCE

UPCOMING EVENTS



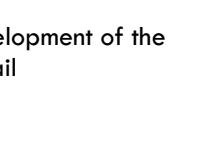
On March 10th at noon, **Nico Sutmoller**, Global Lightweight Fill Specialist at Aerix Industries, will present “Soft Soil Settlement Remediation and Roadway Elevation with Permeable Low-Density Cellular Concrete: A Case Study of Lake Eloise Drive.” The webinar is free, and registered participants will receive 1.0 PDH. You can register online at: <https://register.gotowebinar.com/register/7055079445131965967>

Lehigh University's 2021 Fazlur R. Khan Distinguished Lecture Series continues with two more online presentations in the weeks ahead:

- Thursday, March 11, 4:30 pm - "Performance-based Seismic Design of Tall Buildings" by **Jack Moehle**, Professor of the Graduate School, University of California, Berkeley
- Thursday, April 15, 4:30 pm - "Understanding the Seismic Performance of Structural Systems through Large-scale Experiments and Computational Simulations" by **P. Benson Shing**, Professor, Department of Structural Engineering, University of California, San Diego

Additional info and registration links can be found at <https://tinyurl.com/3cxjh7vf>. The Lehigh Valley Chapter of the ASCE Structural Engineering Institute (SEI) will award 1.0 PDH to all eligible participants in each of these lectures.

We also expect to be conducting our annual student awards event online in April. Please watch for an e-mail announcement soon.



AMERICA'S INFRASTRUCTURE SCORES A C-



ASCE's Committee on Infrastructure has released the 2021 Report Card for America's Infrastructure. The report card grades 17 different categories of infrastructure including, but not limited to, Aviation, Bridges, Dams and Transit. A new category, Stormwater, has been included this year. Check it out at <https://infrastructurereportcard.org/>

Also, ASCE's Pennsylvania State Council is still seeking volunteers for the development of the 2022 Infrastructure Report Card for Pennsylvania. If interested, please e-mail 2022painfrastructurereportcard@gmail.com

SECTION AWARDS

We are still accepting nominations for our annual awards—**Engineer of the Year**, **Young Engineer of the Year**, and **Outstanding Civil Engineering Achievement of 2020**. Please support the profession by elevating our best people and projects for public recognition. Details are provided on our website at <https://www.lvasce.org/events/asce-awards/>

MEMBERSHIP UPGRADES

The following Lehigh Valley Section members have upgraded to ASCE Member grade in 2021: **Wade Anundson, P.E.**; **Phillip Malitsch, P.E.**; **Kolleen Backlund, P.E.**; and **Matthew Evans, P.E.** Member grade is limited to licensed Professional Engineers, Professional Land Surveyors, and those with equivalent experience. In addition, **James Kugel, EIT**, upgraded to Associate Member. Congratulations to all, and thanks for your continuing involvement in ASCE.

LVASCE 100th ANNIVERSARY



Celebrating One Hundred Years of Civil Engineering Excellence

1922 2022

“Father of the U.S. Steel Industry” and namesake of Fritz Laboratory at Lehigh University. The National Museum of Industrial History in Bethlehem is planning a series of events to commemorate Fritz's life and contributions. There is great potential for synergy between the LVASCE and Fritz anniversaries, and we are in active discussions with NMIH about collaborative projects.

If you have any other ideas for the 100th Anniversary, please contact Pete Terry at peter.terry@bencivil.com



John F. Fritz

SUPPORT LVASCE

Your corporate sponsorship will support our professional development programs, educational outreach, legislative activities, and scholarship fund. Sign up on our website at: <https://www.lvasce.org/sponsor/>

OUR FEATURED SPONSOR FOR MARCH 2021

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Manufacturing &
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