



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

News & Updates - September 5, 2024 | Volume 54, Number 4&5



- **September 18th - Dinner Meeting: Ethics Ethical Issues in Marketing, Bidding, and Negotiating**
- **October - Save the Date - Dinner Meeting at York College**
- **October 6th-9th - ASCE 2024 Convention in Tampa FL**
- **November 12th - Save the Date - Dinner Meeting: Transportation Topic**

Central PA Section Events Link



ASCE NEEDS VOLUNTEERS LIKE YOU!

Please consider joining the ASCE Central PA Section Board by contacting Louji Daher at centralpa.asce@gmail.com

Open Board Positions Include:
Program Chair
Government Relations Chair
Member of Various Committees

President's Message

ASCE

STUDENT CHAPTER

Shippensburg University

New Student Chapter Chartered at Shippensburg University as of July 2, 2024! Welcome Students and Faculty, we hope you will join us at upcoming events.



ASCE Membership at the Harrisburg Senators (Success!)

It was a nailbiter earlier in the week of May 13th if the weather was going to “play ball”, but thankfully no “strikes” against our annual picnic outing at the Harrisburg Senators.

Approximately 60 folks attended the event, held at the Giant Pavilion at FNB Field on Friday, May 17th. A picnic dinner was served from 6 to 8 PM, with the game starting at 7 PM.

The weather held tight as the Harrisburg Mayflies (Senators) won 9-3 against the Erie Seawolves, followed up by fireworks that were best viewed from our seating area. Many thanks to our Member’s who took advantage of this opportunity to mingle and enjoy an evening at the ballpark with family or friends.

2024 ASCE National Election

The 2024 national election concluded on June 1st and election results validated. Our members are vital to the leadership of ASCE, at both the local and Society-level. Election results can be viewed [HERE](#)



The **Central Pennsylvania Geotechnical Conference** is the premier Geotechnical event in the region. The **34th Annual Conference will be held October 30-November 1, 2024** at the Hershey Lodge. For more information, click [HERE](#).

The conference is sponsored by the ASCE Central PA Section and supports our Student Awards!

Proposed ASCE Member Grade Changes Coming Soon

ASCE proposes to streamline our member grades. The goal of the proposed change is to attract new members from a broader infrastructure community and cultivating a global, cross-disciplinary community of infrastructure professionals. More information can be found [HERE](#).

Five Things Construction Specialties Learned from Shaking a 10-Story Building

Kevin Smith, PE, CWI provided an article to highlight Construction Specialties modular stair system and how it withstood 100 simulated earthquakes and what they learned. See the full article [HERE](#).

FAILURE TO ACT ASCE

Economic Impacts of Status Quo Investment Across Infrastructure Systems

OVER THE NEXT 20 YEARS, AMERICA'S OVERDUE INFRASTRUCTURE BILL WILL COST THE AVERAGE AMERICAN HOUSEHOLD \$3,300 A YEAR

When we fail to invest in our infrastructure, we pay the price. Poor roads and airports mean travel times increase. An aging electric grid and inadequate water distribution make utilities unreliable. Problems like these translate into higher costs for businesses to manufacture and distribute goods and provide services. These higher costs, in turn, get passed along to workers and families.

The average AMERICAN HOUSEHOLD LOSES \$63 A WEEK due to CHRONIC UNDERINVESTMENT in infrastructure. What could you buy with \$63 a week, or \$275 a month?

- TAKEOUT DINNER FOR A FAMILY OF FOUR EACH WEEK.
- STARTING A COLLEGE FUND.
- DOING A HOME RENOVATION PROJECT.

We are already paying the price, but IF WE FAIL TO ACT NOW, OUR COSTS WILL MOUNT EXPONENTIALLY. Of the total economic impacts projected in our 20-year study, more than three-quarters occur during the second decade (2030-2039). If we don't act, by 2039 we are forecasted to lose:

- \$10.3 TRILLION** in GDP from 2030-2039, nearly half of the annual U.S. GDP in 2019.
- \$2.4 TRILLION** in exports from 2030-2039, or more than all of the Fortune 500 companies generated in profits in 2019.
- 3 MILLION** jobs, one times the number of Walmart employees in the U.S.

Inefficient, unreliable infrastructure is a drag on the U.S. economy and will hurt the GDP and create job losses.

47% of the projected jobs lost in 2039 will be in high wage and high production jobs like manufacturing and healthcare.

The good news is we can ACT NOW to mitigate the harm to our GDP, trade volumes, and declines in personal income. Let's reverse the decade of underinvestment in our infrastructure and help all communities thrive.

This study was conducted in 2020. The Infrastructure Investment and Jobs Act became law in November 2021, reversing federal underinvestment trends. The full impacts of the law aren't yet known. However, it's already clear that while the \$1.2 trillion bipartisan infrastructure law is enormously helpful, it doesn't fully close our investment gap. This means American families and businesses are still paying the price for underperforming infrastructure.

LEARN MORE AT infrastructurereportcard.org/economicstudy

York College Civil Engineering Team places 2nd in surveying competition at the ASCE Student Symposium! You can read the full article from the York Dispatch Newspaper [HERE](#)

Way to Go York College!

Article submitted by Matthew McDevitt

(Photo credit John Boal, John Boal Photography)

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5 FREE DOWNLOADS

ASCE Member Yearly Article Pack

ASCE members now receive five free article downloads from the ASCE Library each year (except standards).

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