



T&DI CONNECTIONS

November 2022

KEY HIGHLIGHTS

- T&DI Seeking FY 2024 Board of Governor Candidates
- Highlights from the 2022 ASCE Convention
- 2022 Jack E. Leisch Fellowship Recipient Honored in Virtual Ceremony

Letter from T&DI President Roger Millar

Giving thanks

Hello,

This is the time of year many of us gather in different settings and reflect, and one of the things I'm most thankful for is the great work our ASCE and T&DI civil engineers contribute each year volunteering on the local, state and national level.

We know first-hand the joys of our profession as well as the way our work touches so many parts of our communities. Please consider...



Roger M. Millar, Jr., P.E., F.AICP, F.ASCE, President, Transportation & Development Institute (T&DI)
American Society of Civil Engineers (ASCE)

INSTITUTE NEWS

T&DI Seeking Candidates for FY24 Board of Governors Positions

The Transportation and Development Institute (T&DI) of ASCE is looking for potential candidates for the FY24 Board of Governors positions. If you are interested in any of the positions on the Board of Governors, please submit the required information via email to:



[Muhammad Amer](#)
Managing Director
T&DI and Future World Vision,
American Society of Civil
Engineers

Materials must be received no later than February 1, 2023. For further details, visit the [news release](#) on T&DI's website.

Eva Lerner-Lam Recognized with ASCE's 2022 William H. Wisely Award

Congratulations to T&DI's very own Eva Lerner-Lam for being awarded ASCE's 2022 [William H. Wisely Award](#). Eva received this award for her long-established record of involvement supporting technical advancement, JEDI principles, and advancing the profession at the local, national, and international level, as well as her continued involvement with T&DI and the [Future World Vision](#) project. Thanks for your leadership, Eva!



Dr. Halil Ceylan Honored as ASCE Distinguished Member

Dr. Halil Ceylan, Ph.D., C.Eng., Dist.M.ASCE, was honored as an ASCE Distinguished Member (Dist.M.) at the [2022 ASCE Convention](#) in Anaheim, California, last month. Dr. Ceylan is a longtime ASCE member and T&DI collaborator, Chair of the [Uncrewed Aerial Systems Committee \(UAS\)](#), and recipient of the 2021 [James Laurie Prize](#)...

[Read More](#)



ASCE Honors Recent Fellows at 2022 ASCE Convention

Dr. Lucy Priddy, Ph.D., P.E., F.ASCE

Dr. Priddy currently serves as the Program Officer for Research Programs aligned to the Army Modernization Priorities at the [US Army Engineer Research and Development Center \(ERDC\)](#) in Vicksburg, Mississippi. Prior to taking on that role, she served as the Assistant Program Director at ERDC where she assisted in the planning, technical direction, financial management, and execution of the Army research programs related to force projection, maneuver support, and force protection. Dr. Priddy graduated from the University of Mississippi with her bachelor's degree in Civil Engineering in 2002 and completed her master's degree in Civil Engineering from Mississippi State University in 2005. She completed her Ph.D. from Virginia Tech in 2014. Dr. Priddy is the author of numerous technical articles, papers and reports and served as liaison to the Office of the Assistant Secretary of the Army for Acquisition, Logistics, and Technology in 2010-2011. She is currently serving an appointed two-year term on the [T&DI Board of Governors](#).

**Dr. Priddy was named an ASCE Fellow in 2020. Due to the COVID-19 pandemic, she was unable to be officially honored until this year.*





Dr. Navneet Garg, Ph.D., F.ASCE

Dr. Navneet Garg is a Program Manager in Airport Technology R&D Branch at the [FAA's William J. Hughes Technical Center](#) in Atlantic City, New Jersey, and manages projects on Full-Scale Accelerated Pavement Testing, Field Instrumentation and Testing, and Pavement Materials. Navneet earned his Ph.D. in Civil Engineering from University of Illinois at Urbana-Champaign in 1997, M.S. in Civil Engineering from Illinois Institute of Technology, Chicago, in 1993, and B.E in Civil Engineering from Karnataka Regional Engineering College (now National Institute of Technology), Suratkal, India, in 1990.



[Read More](#)

Congratulations to Dr. Ceylan, Dr. Priddy, and Dr. Garg on these outstanding achievements!

Future World Vision at ASCE Annual Convention



ASCE's [Future World Vision](#) initiative was featured heavily at the [ASCE Annual Convention](#), held in Anaheim, California from October 23 to 26, 2022. The program included a Future World Vision track covering the entire duration of the conference, with leading speakers on Future World Vision, future cities, Mega City 2070, Frozen City, Rural City, and Off-Planet City. The track included the following sessions:

- Future Cities Panel
- Mega City 2070 - Application and Use Case Experience in Academia
- Mega City 2070 - Application and Use Case Experience in Practice
- Sustainability, Resilience, and Equity in Mega City 2070
- Water, Waste, and Environment in Mega City 2070
- Structures, Architecture, and Construction in Mega City 2070
- Human and Freight Mobility in Mega City 2070
- Beyond Mega City
- Mega City 2070 User Group Workshop

For more information on ASCE's Future World Vision program, or to download the free Mega City 2070 desktop platform, or to become ASCE's

Important Dates to Watch



With input from design engineers, systems operators, researchers, city planners, and state and federal officials, the conference program steering committee is developing a program that is wide reaching and has something for everyone. You'll hear from and network with professionals just like you who are tasked with identifying, managing, improving, financing, and resolving the challenges and issues facing us all today. Join our community and participate in this experience to advance Civil Engineering in Transportation.

We're still working to put the final touches on our program, so for now, here's a sneak peek at the Schedule-at-a-Glance. **Be sure to check back with us often as we will continually update speaker and session content.**

ICTD
Schedule-at-a-Glance

Pavements
Schedule-at-a-Glance

AI in Transportation and CAV Impacts Committees to Host NSF-Sponsored Workshop

The National Science Foundation is sponsoring a [workshop](#) organized by T&DI's [Artificial Intelligence \(AI\) in Transportation Committee](#) and [Connected and Autonomous Vehicles \(CAV\) Impacts Committee](#) in collaboration with the University of Washington, the University of Florida, PacTrans, the STRIDE Center, and three TRB Committees. The workshop, [“The Frontiers of Artificial Intelligence-Empowered Methods and Solutions to Urban Transportation Challenges Phase II: Best Practice, Education, and Workforce Development,”](#) will discuss technologies that are revolutionizing transportation research, emerging technologies, and best practices for addressing urban transportation methods. This workshop is chaired by Dr. Yin Hai Wang of the University of Washington and Dr. Lily Du of the University of Florida. For more information, [see this promotional PDF](#) and visit the [event](#) and [hotel](#) webpages.

[Register](#)

2022 Leisch Fellowship Recipient Lan Ventura Honored in Virtual Ceremony





The Transportation and Development Institute and the Jack E. Leisch Fellowship Committee honored 2022 recipient Lan Ventura of Texas Tech University in a virtual ceremony on Thursday, November 17th, 2022.

In June, the Jack E. Leisch Fellowship committee [selected Ventura](#) for his work on transportation-related safety research and reducing motor vehicle crash probabilities using LiDAR technology and feature extraction tools to identify critical crash zones.

Ventura is a Ph.D. student advised by Dr. Venky Shankar, P.E., and Endowed Chair, Professor and Department Chair at Texas Tech University.

Congratulations once again, Lan!

Younger Member News

Younger Member Spotlight - Nancy Deborah D.



Nancy Deborah D. loves enjoying the world that surrounds her. She loves where she lives in South India – a place full of nature, rolling hills, and colleges. A place she would like to help preserve. A place where her five year-old son can survive and thrive.

But the roads are terrible and overcrowded, and pedestrian pathways are dangerous – if they exist at all.

As the daughter of a pair of civil engineers, her destiny seemed a forgone conclusion from the beginning; but growing up in a land where ‘affordable accessibility for all’ was not a priority helped Nancy decide that transportation engineering was what she wanted to pursue. She realized that she had the potential to make or break the world, battling intrinsic urban issues and climate change, and eagerly took on the challenge.

Nancy is currently a Ph.D. student and Research Scholar at Thiagarajar College of Engineering where she’s focusing on sustainable transportation and safer mobility in pedestrian spaces, but it hasn’t been easy. Challenges like gender inequality and pay gap are ever-present, as they are universally, but especially so in south Asia. Still, Nancy flourishes by holding on to her vision and her dream of creating a better world for her child and her community by creating one small goal for herself every day.

“Even this shall pass. Don’t hold on to the highs or lows.”

One of Nancy’s favorite projects was employing systems thinking in traffic planning during the course of completing her Master’s degree. Her Master’s defense and her research proposal presentation were the proudest moments of her career. She was able to successfully defend the need for holistic planning to conventional traffic planners and urban thinkers. Now she’s working on deciphering urban mobility’s fundamental factors, their impacts on sustainability, and the framework to make the existing scenario sustainable. *“I favour walkability as a way to reduce the automobile overload in Indian cities.”*

After the birth of her son, she started a [YouTube](#) channel focusing on eco-parenting and sustainable menstruation as a way to teach people sustainable life hacks. She has some words of wisdom for the youngest of engineers: “Ignore all else. Pay attention to the dream and connect the dots to bring it all together.”

Thank you for letting us feature you, Nancy!

Do you share a common interest or know of an opportunity that Nancy might be interested in? Feel free to connect with her on [LinkedIn](#) and [Instagram](#). You can also find her on Pedestrian Space under her [personal](#) and [local](#) correspondent tags.



CHAPTER NEWS

T&DI Louisiana Chapter Hosts Webinar About Rising Sea Levels

On October 19, ASCE [T&DI Louisiana Chapter](#) hosted a free virtual seminar, “**Surface Transportation and Sea Level Rise: What Are Our Solutions?**”. Concerns continue to rise with regard to the effects of sea level rise and major storm disruptions along our coasts and inland waterways. This presentation discussed ongoing work as a part of [NOAA's Effects of Sea level Rise \(ESLR\) program](#) along the Gulf Coast of Alabama. Further, a discussion took place on what agencies and industry can do now to address resilience challenges using the tools we have, as well as needs for the future.

[Dr. Benjamin Bowers](#), an Assistant Professor in the Department of Civil and Environmental Engineering at Auburn University whose research focuses predominantly on sustainable pavement materials and pavement resiliency, presented.

The one-hour seminar was free to all who registered and attendees received a certificate for one (1) PDH.

Our intent is to promote transportation and development as a career path, and to provide training and networking opportunities for all professionals involved in the transportation industry. We are providing a mix of in-person (New Orleans or Baton Rouge area) virtual seminars.

The Chapter is planning the following future seminars:

- Green Infrastructure: Integrating Infrastructure Needs
- Bicycle Lanes/Complete Streets
- New Mississippi River Bridge – P3 Financing and Tolling
- New Orleans Convention Center Beautification
- Surface Transportation Resiliency
- Hydraulics of Small Crossings in Louisiana
- I-12 Widening over Tchefuncte River
- I-10/College Dr flyover
- Laser Scanning/Advanced Measurements
- The MOVEBR Program
- Benefit Cost Analysis

ASCE Central Ohio Chapter Hosts Webinar Discussing MUTCD Changes

On October 20th, the [ASCE Central Ohio Chapter](#) hosted a webinar led by [Gordon Meth](#) of Robson Forensics discussing upcoming changes to the [MUTCD](#). It's an informative and interesting discussion and a must-see for Transportation Engineers.



BSCES T&DI Chair Honored at OPAL Gala

Annahid (Anna) Dastgheib-Beheshti, Chair of the T&DI Boston Chapter, was recognized onstage at the OPAL Awards Gala at the [2022 ASCE Convention](#) in honor of being one of ASCE's 2022 "New Faces of Civil Engineering."

Congratulations, Anna!



UAS Committee Quarterly Meeting (Virtual)

The T&DI [Uncrewed Aerial Systems \(UAS\) Committee](#) is hosting their last Quarterly Meeting of 2022. The virtual meeting will include two presentations from professionals in the UAS industry, as well as a Q&A session, time for group discussion on topics related to UAS in Transportation, and discussion of committee membership opportunities.

This meeting will be held virtually via Zoom on **December 12th, 2022** at 11am PST/2pm EST. Those who are interested in attending should contact [Blaine Wruck, Vice Chair](#), in advance.

ASCE NEWS


The ASCE 2023 Bridges Calendar is now available for purchase in the [ASCE Store](#). This full-sized wall calendar celebrates breathtaking bridges worldwide and each month features a snippet about the history and engineering of the featured bridge. This is a must-have for bridge lovers.

Get yours today!



ASCE Geo-Institute to Host 7th Annual Web Conference

The ASCE Geo-Institute is hosting the 7th Annual Web Conference on December 5-9, 2022. Top geotechnical professionals will present a diverse set of case histories linking the performance of geotechnical infrastructure in extreme events, climate change, sustainable design, and more. Register today on the Geo-Institute website: [7th Annual Web Conference](#) | [Geo-Institute](#)



Earn up to 16 PDHs

**GEO-INSTITUTE
7th ANNUAL
LIVE STREAM
WEB CONFERENCE
December 5-9, 2022**

go.asce.org/GeoWeb22

Topics include:

- Earthquake Engineering and Soil Dynamics*
- Embankments, Dams, and Slopes*
- Geoenvironmental*
- Sustainability*
- Unsaturated Soils*
- Grouting*
- Soil Improvements*
- Engineering Geology and Site Characterization*

The complex block features a dark teal background with a subtle, wavy pattern. On the left, the ASCE Geo-Institute logo is positioned at the top, followed by the event title in large, white, bold, sans-serif font. Below the title is the date and the website URL. On the right side, a dark teal box contains the text 'Earn up to 16 PDHs' in white. Below this, the heading 'Topics include:' is followed by a list of ten topics, each in a white, italicized, sans-serif font.

ASCE GOVERNMENT RELATIONS UPDATE

ASCE Blog Series Outlines Key Issues for Lame-Duck Legislative Session

ASCE launched the “Lame-Duck Look Ahead” blog series to spotlight major legislative items that will factor into the final weeks of the 117th Congress. Topics have included [energy infrastructure permitting reform](#), the [Fiscal Year 2023 appropriations process](#), and [resilience measures](#). Each week, ASCE staff will highlight one key challenge facing Congress in its year-end push. The 118th Congress will officially open on January 3rd.

ASCE Supports Resilient Transit Act

ASCE on October 26th sent a [letter](#) to Sen. Kirsten Gillibrand’s office expressing support for the Resilient Transit Act, which she unveiled earlier that day. Specifically, the legislation would create an additional funding source through the Federal Transit Administration’s (FTA) [State of Good Repair Grants Program](#) by authorizing \$300 million each year for Fiscal Years (FY) 2023-2026. The Resilient Transit Act would support projects’ abilities to withstand natural disasters such as sea level rise and extreme winter weather. In ASCE’s [2021 Report Card for America’s Infrastructure](#), transit earned a ‘D-’, the lowest grade of any category.

FHWA Announces \$7.1 Million for Projects to Reduce Emissions from Highway Construction

The Federal Highway Administration (FHWA) on October 20th [announced](#) \$7.1 million has been issued to 25 state departments of transportation (DOT) involved in the agency’s [Climate Challenge](#). This initiative aims to quantify the impacts of sustainable pavements and demonstrate ways to reduce greenhouse gas emissions in highway projects. The initiative provides funding, training, and technical assistance to help state DOTs explore the use of Life Cycle Assessments and Environmental Product Declarations. The funding is part of the [Federal Buy Clean Initiative](#), which promotes the use of American-made, lower-carbon construction materials in federally funded projects.

DOT Provides Updates on ‘National Roadway Safety Strategy’ Actions

The Department of Transportation on October 14th [announced](#) an [update](#) on its [National Roadway Safety Strategy](#) (NRSS), which outlines steps to address roadway fatalities. It also launched an online dashboard that allows people to track the agency’s progress on commitments included in the NRSS. The [dashboard](#) displays progress on various actions, such as improving equity in traffic enforcement through training and developing proposals to update consumer information on vehicle safety performance. Since January, DOT has issued a call for applications for the [Safe Streets](#)

Since January, DOT has issued a call for applications for the [Safe Streets and Roads for All program](#), adopted a [Safe Systems Approach](#) framework, and enhanced monitoring of new technologies in motor vehicles through a [Standing General Order](#) on crash reporting.

FHWA Announces \$59.9 Billion in FY 2023 Apportionments and \$18.4 Million through New Bridge Investment Program

The Federal Highway Administration (FHWA) [announced](#) October 11th that it is releasing \$59.9 billion in apportioned funding for Fiscal Year (FY) 2023, a figure that reflects a substantial funding boost from the [bipartisan infrastructure law](#). This [announcement](#) marks the second year of funding under the infrastructure law and represents an increase of \$15.4 billion in formula programs compared to FY 2021 levels. Additionally, the FHWA on October 12th [announced](#) the first round of grants issued through the competitive [Bridge Investment Program](#), which was created by the bipartisan infrastructure law. The \$18.4 million in grant funding—issued to [23 projects in 23 states](#)—will fund early phases of project development to create a pipeline of bridge construction projects.

CONTINUING EDUCATION OPPORTUNITIES



Fall Programs

ASCE announces an exciting line up of Continuing Education programs.

ASCE Continuing Education offers a wide variety of top quality educational programs taught by experts in their fields. Explore the many ways to grow your knowledge, advance, and stay current with your professional career while earning credits. Check out our [ASCE Continuing Education fall programs](#).



Guided Online Courses

Guided Online Courses have begun, but it's not too late to register! Learn more and sign up today!



Marine Container Terminal Planning

Sep 19, 2022 - June 1, 2023

[Learn More](#)

Permeable Pavements: Design, Construction, and Maintenance

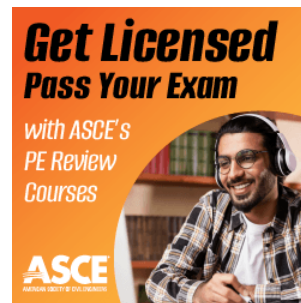
Sep 19, 2022 - June 1, 2023

[Learn More](#)

P.E. Review Courses

PE Civil Exam on-demand courses:

[Register](#)



Live Webinar

ASCE's Code of Ethics

November 29, 2022

[Learn More](#)

In-Person Seminars

In-Person Seminars

- New, lower course pricing
- Technical tours
- Top-quality programming
- Learn from the experts
- Outstanding customer service
- Networking opportunities
- Earn IACET-accredited PDHs/CEUs

[Learn More](#)

Committee Techsessions

Committee Techsessions

Committee Techsessions are ASCE's new technical presentations which support ASCE committee initiatives. These sessions provide a structured venue for committees to dive into specific topics and special technical concerns within the industry. The sessions are open to ASCE members and nonmembers to attend.

[Learn More](#)

International Perspectives on Water Resources and the Environment

January 4 & 5, 2023

[Learn More](#)

On-Demand Webinar Packages

Take advantage of savings by ordering complete on-demand webinar packages versus purchasing on-demand webinars individually.

[Learn More](#)

On-Demand Learning

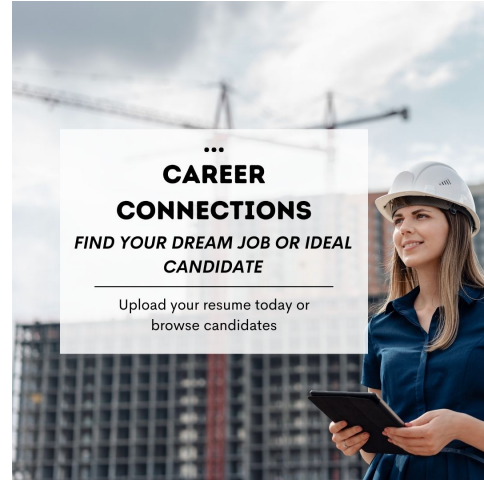
- Choose your topic and learn on your own time.
- Industry's largest catalog of on-demand topics
- Convenient 24/7 access
- Individual and organization rates

[Learn More](#)

ASCE Career Connections

Interested in finding a first job, a new job, or hiring a top notch candidate? Our [Career Connections](#) page will put you in touch with the right people!

- Upload your resume
- Browse candidates
- Connect with potential employers or employees



Get Involved!

Want to participate more with T&DI, but aren't sure exactly what to do or how to do it? No problem! There are plenty of opportunities to get involved! Visit the [ASCE Communities Page](#) to find the best fit for you.



Motivation Minute

Your life is as good
as your mindset.

Giving Thanks

Happy Thanksgiving! We are forever grateful for your continued support and the sense of community you've created in our Institute.

“A thankful heart is not only the greatest virtue, but the parent of all the other virtues.”

— Cicero



Thank you to all of our members! We hope you had a wonderful, safe, and happy Thanksgiving!

Follow us on Social Media!



Questions? Comments? Concerns? Want to contribute to the next issue?
Please contact Melissa Willis at mwillis@asce.org



ASCE WORLD HEADQUARTERS | 1801 Alexander Bell Drive, Reston, VA 20191-4382

mwillis@asce.org is subscribed to the ***T&DI Newsletter***.

[Unsubscribe from all](#) | [Manage my email preferences](#)