



T&DI CONNECTIONS

March 2022

KEY HIGHLIGHTS

- ASCE ICTD and APM-ATS are Only Two Months Away
- Jack E. Leisch Fellowship Applications Due by April 29
- ASCE Awards Winners Announced
- Resource Available for Improving Unsignalized Intersection Safety

Letter from T&DI President David Noyce

Dear T&DI Members and Friends:

“Our world is changing at an accelerating pace. Understanding the drivers of change is more critical than ever. Our future will require a new way of doing things. A new plan. A new vision.” This quote can be found at the top of the new home page for ASCE’s [Future World Vision](#) and is certainly true for all of us in the Transportation and Development (T&DI) space. A current scan of the many advertisements for automated and electric vehicles, the rapid development of smart technology, and the continued challenges with the sustainability of our infrastructure are three of multiple reasons why it is essential for ASCE and T&DI to help lead the exploration of a “Future World Vision”.



David A. Noyce, Ph.D., P.E.,
F.ASCE, President, Transportation
& Development Institute (T&DI)
American Society of Civil
Engineers (ASCE)

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INSTITUTE NEWS

ASCE ICTD and APM-ATS are Only Two Months Away



The [ASCE International Conference on Transportation and Development \(ICTD\)](#) and [ASCE Automated People Movers and Automated Transit Systems \(APM-ATS\) Conference](#) are only two months away. The early registration deadline is March 28, 2022, and our hotel block is selling out fast. [Register today](#) to save \$100 and [book now](#) to ensure your stay at the Hyatt Regency Downtown.

[Register](#)

Registration Sponsored by:



**Jack E. Leisch Fellowship Applications Due by
April 29**

The Transportation and Development Institute (T&DI) is now accepting applications for the 2022 [Jack E. Leisch Fellowship](#). This fellowship is a memorial to the outstanding professional accomplishments and contributions of Jack E. Leisch, M. ASCE, to the fields of highway design, traffic operations and transportation planning. The award consists of a certificate and a monetary payment of approximately \$6,000, and is supported by donations in Mr. Leisch's honor.



[Apply Today](#)

Eyad A. Masad Announced as 2022 Winner of the Francis C. Turner Award

The Transportation and Development Institute (T&DI) of ASCE is pleased to announce Eyad A. Masad, Ph.D., P.E., F. ASCE, of Texas A&M University, as the 2022 winner of the Francis C. Turner Award. The Award was established in honor of the former Chief Engineer of the Bureau of Public Roads and Federal Highway Administrator and is awarded in honor of the nominee's contributions to the advancement of the knowledge and practice of transportation engineering.



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Konstantina (Nadia) Gkritza Announced as 2022 Winner of the Frank M. Masters Award

The Transportation and Development Institute (T&DI) of ASCE is pleased to announce Konstantina (Nadia) Gkritza, Ph.D., M. ASCE, of Purdue University, as the 2022 winner of the Frank M. Masters Award. This award is given to a member of the Society for the best example of innovative or noteworthy planning, design, or construction of transportation facilities.



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John T. Harvey Announced as 2022 Winner of the James Laurie Prize

The Transportation and Development Institute (T&DI) of ASCE is pleased to announce John T. Harvey, Ph.D., P.E., M.ASCE, of the University of California, Davis, as the 2022 winner of the James Laurie Prize. This prize is awarded based on contributions to the advancement of transportation engineering.



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Hasan Ozer Announced as 2022 Winner of the Wilber S. Smith Award

The Transportation and Development Institute (T&DI) of ASCE is pleased to announce Hasan Ozer, Ph.D., A.M. ASCE, of Arizona State University, as the 2022 winner of the Wilbur S. Smith Award. The award was established to honor contributions to the enhancement of the role of the civil engineer in highway engineering.



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Amiy Varma Announced as 2022 Winner of the Harland Bartholomew Award

The Transportation and Development Institute (T&DI) of ASCE is pleased to announce Amiy Varma, Ph.D., P.E., AICP, PTOE, M.ASCE, of AAJ and North Dakota State University, as the 2022 winner for the Harland Bartholomew Award. This award recognizes contributions to the enhancement of the role of the Civil Engineer in Urban Planning and Development.



[Read More](#)

A blue banner with white text and graphics. On the left is the ASCE logo with the tagline 'FORWARD FASTER'. To the right, the text reads 'THIS IS THE TIME TO INVEST IN YOURSELF: RENEW NOW!' with a large white arrow pointing right behind the words 'RENEW NOW!'.

Sinha Prize for Best Paper in JTE Part-A Announced

Congratulations to Antonio Hurtado-Beltran of University of Nebraska at Lincoln and Laurence R. Rilett of Auburn University (formerly with University of Nebraska at Lincoln) for the selection of their paper for 2021 Sinha Prize for Best Paper in ASCE Journal of Transportation Engineering, Part-A: Systems. The winning paper was titled, [Impact of CAV Truck Platooning on HCM-6 Capacity and Passenger Car Equivalent Values](#).

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T&DI Leaders Halil Ceylan and Kelvin Wang Elected as ASCE Distinguished Members



Distinguished Membership is the highest honor ASCE can bestow. It is reserved for civil engineers who are either ASCE Members or Fellows. One class of recipients is formally inducted annually. A Distinguished Member is a person who has attained eminence in some branch of engineering or in the arts and sciences related thereto, including the fields of engineering education and construction. T&DI is pleased to announce that the Chair of our Unmanned Aerial Systems (UAS) Impacts Committee and Professor at Iowa State University, [Halil Ceylan](#), was elected to ASCE Distinguished Member status in the Class of 2022. Prior to that, former T&DI President and Professor at Oklahoma State University, [Kelvin Wang](#), was elected to ASCE Distinguished Member status for the class of 2021. Congratulations to both!

T&DI Free Virtual Events

T&DI –(MoDaaS) Committee Presents:
Setting the Standard for How MaaS Projects are Evaluated

Tuesday, April 12, 2022, 4:00 PM - 5:30 PM ET

The Mobility on Demand and as a Service Committee of T&DI is proud to present Setting the Standard for How MaaS Projects are Evaluated. In this 90-minute webinar, we will explore how current evaluation frameworks are designed and how they should be designed, what societal and environmental goals MaaS should strive to achieve and how these goals differ across different geographies, the experience of MaaS and MoD trials to date, and what lessons future trials could teach us to transform policymaking.



Setting the Standard for How MaaS Projects are Evaluated

Tuesday, April 12, 2022
4pm – 5:30pm EST



Panelists

Moderator
Carol Schweiger
President
Schweiger Consulting

Presented by the Mobility on Demand and as a Service Committee

Jana Sochor
Senior Researcher
KTH Royal Institute of Technology

Dwight Mengel
Chief Transportation Planner
Tompkins County Department of Social Services

Chinh Ho
Senior Lecturer
ITLS University of Sydney

Adam Cohen
Survey Researcher
University of California, Berkeley (TSRC)

[REGISTER FOR SETTING STANDARDS](#)

MODaaS Committee Publishes Second Quarterly Newsletter



The ASCE Transportation and Development Institute's [Mobility on Demand and as a Service \(MODAaaS\) technical committee](#) has published its second quarterly newsletter. The committee's strategic plan is to develop a forum for the exchange of ideas and knowledge among professionals in the engineering industry and to connect the industry to academia and government. Interested in joining the MODaaS technical committee? [Join MODaaS Committee.](#)

MODaaS Newsletter

FHWA National Center for Excellence in Project Finance Award

T&DI Economics & Finance Committee chair, Samuel Labi of Purdue University is part of a team (led by the University of Maryland) that has been awarded the FHWA National Center for Excellence in Project Finance. Other partners are Stanford University, Virginia Tech, Georgia tech, and The Rebel Group. Dr. Labi's research activities in the Center includes impact assessment of emerging transportation technologies on highway infrastructure



expenditure and revenue sources.

CHAPTER NEWS

ASCE T&DI UIUC Chapter Hosts a LaTeX Workshop

The ASCE T&DI hosts the first professional development event of the semester. The chapter hosted a LaTeX workshop on March 8th given by PhD candidate and chapter's president Egemen Okte. The session included introduction to LaTeX with interactive hands-on activities. For upcoming events, make sure to check our [university GSO website!](#)



INDUSTRY NEWS

Improving Unsignalized Intersection Safety

The Unsignalized Intersection Improvement Guide (UIG), a web-based program with an interactive interface, is available online as a resource for guidance when evaluating unsignalized intersections and identifying opportunities to enhance their safety. The UIG lists several possible measures to improve safety at unsignalized intersections. Learn more about UIG and the possible measures as recommended by UIG through [T&DI's news release](#) on this critical area of transportation safety.

[Read More](#)

NatMec Registration is Open

Registration opened on February 1, 2022, for the National Travel Monitoring Exposition and Conference (NatMEC). NatMEC 2022, organized and hosted by the [Idaho Transportation Department](#) in cooperation with the [Pacific Northwest Transportation Consortium](#), will be held virtually on June 13 -17, 2022.

This biennial conference provides travel monitoring professionals and transportation data users from around the world opportunities to share knowledge and good practices, exchange ideas, revisit fundamental concepts, learn about new processes, procedures and techniques, and see the latest advancements in policy, technology and equipment. More information and registration information can be found at natmec.org.

Labi to Lead Study Abroad Journey

T&DI Economics & Finance Committee chair, Samuel Labi of Purdue University will be leading a Study Abroad team of 20 students to Singapore to learn about that country's experiences in the development of sustainable and resilient infrastructure systems in constraints of scarce natural resources. The trip will take place May 15 to May 29, 2022.



ASCE GOVERNMENT RELATIONS UPDATE

ASCE Hosts Hybrid Legislative Fly-In for Advocacy Leaders

During the last week of March, some 225 ASCE members from 48 states, the District of Columbia, and Puerto Rico attended the 2022 Legislative Fly-

In and Policy Week—ASCE’s first hybrid Fly-In—to advocate for infrastructure priorities and the civil engineering community. Featured speakers included Geraldine Richmond, under secretary for science and innovation at the U.S. Department of Energy, Russell McMurry, commissioner of the Georgia Department of Transportation, Shawn Wilson, secretary of the Louisiana Department of Transportation and Development, and Victoria Sheehan, commissioner of the New Hampshire Department of Transportation. Armed with a vast breadth of civil engineering expertise, personal stories, and issues briefings from the ASCE Government Relations team, Fly-In attendees held meetings with over 233 Congressional offices. ASCE’s advocates urged their Senators and Representatives to prioritize resilient infrastructure, support the Fiscal Year 2023 appropriations process to fully carry out infrastructure programs in the enacted [Infrastructure Investment and Jobs Act \(IIJA\)](#), pass comprehensive [funding legislation for research and development](#), and reject the recently introduced Gas Prices Relief Act in both the Senate and House.

Administration Leaders Announce \$1.47 Billion in Grants for Clean Buses

A group of administration officials, including Vice President Kamala Harris, Transportation Secretary Pete Buttigieg, and Federal Transit Administration (FTA) Administrator Nuria Fernandez on March 7th [announced](#) the availability of \$1.47 billion in grant funding to help modernize bus fleets and facilities. Specifically, the [funding opportunity](#) makes available \$1.1 billion in competitive grants under the FY 2022 Low or No Emission Grant Program and \$372 million in FY 2022 funds under the Grants for Buses and Bus Facilities Program, both of which were supported by the [bipartisan infrastructure law](#). The grant programs are designed to reduce carbon emissions and support jobs. The deadline to submit proposals is May 31st.

Maritime Administration Announces \$25 Million for the America’s Marine Highway Program

The U.S. Department of Transportation’s Maritime Administration (MARAD) on March 2nd [announced](#) the availability of \$25 million for the America’s Marine Highway Program. This program is intended to support the development and expanded use of America’s navigable waterways to relieve landside congestion, provide new transportation options, and increase the productivity of the transportation network. The \$25 million figure, reflective of an infusion of funds through the [IIJA](#), represents the largest single appropriation of funding for this program, according to DOT. Applications for grants are due April 29th. The grants supported through the America’s Marine Highway Program are meant to align with the commitments included in the [Biden-Harris Action Plan for America’s Ports and Waterways](#).

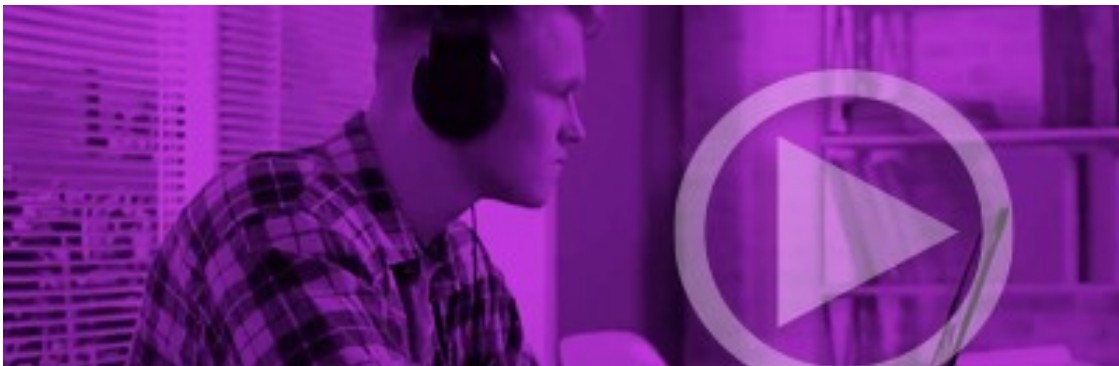
Buttigieg Testifies Before Senate EPW Committee on Implementation of the Infrastructure Law

Transportation Secretary Pete Buttigieg provided the Senate Committee on Environment and Public Works with an update on the U.S. Department of Transportation's implementation of the [IIJA](#) during a [hearing](#) March 2nd. At the hearing, Buttigieg addressed concerns about a [memo](#) issued by the Federal Highway Administration (FHWA) in December 2021 on state transportation departments' use of new federal infrastructure dollars. Senate Republicans have [criticized](#) the memo, stating that it imposes "one-size-fits-all solutions" to addressing communities' surface transportation needs. At the hearing, Buttigieg noted that "what is appropriate in one community will be different than what's appropriate for another."

FAA Announces Funding Opportunity for Airport Terminal Program

The Federal Aviation Administration (FAA) on February 22nd issued [a notice of funding opportunity](#) (NOFO) for the Airport Terminal Program, which was created by the [IIJA](#). Grants are meant to fund sustainable and accessible airport terminals, on-airport rail access projects, and airport-owned traffic control towers. Projects can also include multi-modal development. The NOFO makes \$1 billion available, and applications are due March 28. Over five years, the IIJA provides \$5 billion for the Airport Terminal Program.

CONTINUING EDUCATION OPPORTUNITIES



Guided Online Courses

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

Principles of Construction Contracting

Apr. 18 - May 27, 2022

[Learn More](#)

Principles of Critical Path Scheduling

Apr. 18 - May 27, 2022

[Learn More](#)

Geotechnical Design of Port Facilities

May 9 - July 29, 2022

[Learn More](#)

Design of Port Facilities

May 9 - July 29, 2022

[Learn More](#)

Low Impact Development: a Holistic Approach to Urban Stormwater Management

May 9 - July 29, 2022

[Learn More](#)

Live Online Training

Design Modern Roundabouts - How to Handle Drainage and Grading -

April 27, 2022

[Learn More](#)

Redeveloping Roadways for the Urban Core within Constrained Right-of-Ways

May 17, 2022

[Learn More](#)

On-Demand Webinar Packages

Access Management On-Demand Webinar Package

[Learn More](#)

Bikeways On-Demand Webinar Package

[Learn More](#)

Introduction of Geotechnical Grouting, Rock Mechanics, and Unsaturated Soil Mechanics On-Demand Webinar Package

[Learn More](#)

Permeable Pavements On-Demand Webinar Package

[Learn More](#)

Traffic Signals On-Demand Webinar Package

[Learn More](#)

On-Demand Learning

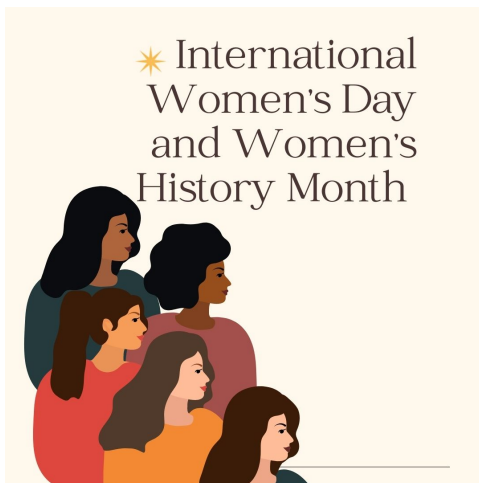
A Closer Look at Road Diets

[Learn More](#)

Traffic Signal Design

[Learn More](#)

Motivation Minute



“Fight for the things that you care about, but do it in a way that will lead others to join you.”

Ruth Bader Ginsburg

Thank you for helping us celebrate International Women's Day, Women's History Month, and the amazing women who contribute so much to our Institute and Organization.

Wishing all our T&DI members safety and health!

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

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