



METRANS on the Move: our weekly newsletter written and produced by students



In the News

The articles in this newsletter are prepared or accomplished by others in their personal capacity. The opinions expressed are the author's own and do not necessarily reflect the views of METRANS or its partners.



Los Angeles: Leading the Way as the Global Center for Electric Vehicles (EVs)

In a harrowing revelation, Jakarta, the bustling capital city of Indonesia, has earned the dubious distinction of having the worst air quality in the world. Swiss technology company IQAir's recent assessment placed Jakarta's Air Quality Index (AQI) at a hazardous level 157, firmly categorizing it as "unhealthy."

Read more [here](#).



Can 'Personal Rapid Transit' Really Replace Buses and Trains?

Imagine a solar-powered transit option that's cheaper to build than a train, cheaper to operate than a bus, as convenient as a cab, as private as personal car, and as safe as an advanced AV — all operating on a dedicated path that leaves pedestrians, cyclists, and other road users to move about unbothered. And it only costs about \$6 a ride.

Read the Streetsblog USA feature [here](#).



CA: For L.A.'s Newest Underground Art Experience, Head Down to the Metro Regional Connector

The Los Angeles Metropolitan Transportation Authority debuted its Regional Connector Transit Project yesterday, a \$1.8 billion undertaking that's been more than a decade in the making. It includes three new downtown L.A. subway stations — the Grand Ave. Arts/Bunker Hill, Historic Broadway and Little Tokyo/Arts District stops — and each are filled with ambitious new works of art.

Read the MASS TRANSIT feature [here](#).



Top 100 For-Hire Carriers Grow Despite Softer Freight Market

Despite a softer freight environment, most of the largest trucking companies in North America continued to grow their businesses last year even as spot market rates dropped, truck capacity loosened and bargaining power swung back toward shippers. Nearly all the companies that appear on this latest edition of Transport Topics' Top 100 For-Hire Carriers list posted full-year revenue gains in 2022.

Read the Transport Topic feature [here](#).

Webinars & Online Events

Transformative Transportation '23

Thursday, July 6th at 6:00 am PDT(online), hosted by CATTs - University of Toronto

The Centre for Automated and Transformative Transportation Systems (CATTs), University of Toronto, team is inviting you to its 5th annual research day on June 7, 2022. The Centre was established in 2017 with the purpose of quantifying and guiding the transformation of transportation systems in the era of rapid innovations in vehicular technologies and in provisioning of transportation as a service. CATTs is the first research centre of its kind in Canada to address the large-scale impacts of disruptive transportation technologies and services on our cities. It is a multi-disciplinary multi-sector collaboration that gathers academia, industry, technology experts, and the government. The centre's mission is to guide societal transformation into a positive and sustainable direction, avoid the emergence of counterproductive travel trends, and emboldens Ontario cities as leaders in North America and the world.

[More Info](#)

Humanitarian Supply Chain Management

Friday, July 7th at 2:00 am PDT(online), hosted by Cranfield School of Management

Humanitarian supply chain operations help build efficient system designs for the delivery of goods and services to disaster- and conflict-stricken regions. This webinar will provide an understanding of the challenges in building humanitarian systems while managing chaos and ensuring survival in insecure situations characterised by a lack of resources. A practitioner's advice on how to overcome barriers in humanitarian relief operations will be provided.

[More Info](#)

Transportation Industry Panel

Tuesday, July 11th at 6:00 am PDT(in-person), hosted by Minority Enterprise Development Corporation

MEDC invites you attend the Transportation Industry Panel on Tuesday, July 11, 2023. Attendees will connect with transportation leaders, learn about transportation program plans, and prepare for upcoming transportation projects. Join us to hear from transportation experts from a wide range of agencies, including: Tampa International Airport, Tampa Port Authority, Hillsborough Transit Authority, CSX, and St. Pete-Clearwater International Airport as well as private companies such as Prince Contracting and Lane Construction (invited). Our Keynote speaker is Adriana Clark from the US Department of Transportation's Office of Small Business, Southeast Region, Office of Small & Disadvantaged Business Utilization. Dr. Johnny Wong, Executive Planner for the Hillsborough Transportation Planning Organization will present a regional transportation outlook.

[More Info](#)

Webinars: Transportation and Green Infrastructure Solutions: Tools for Addressing Climate Change

Tuesday, July 11th at 11:00 am PDT, hosted by ITE Transportation and Health Committee

The way we plan and design our streets have significant impacts on ecosystem and human health. This webinar will provide strategies and tools for transportation strategies involving material choices and green infrastructure that can address the effects of climate change, reduce the urban heat island effect, and improve thermal comfort of pedestrians. In addition, this webinar explores the relationship between green infrastructure, stormwater management, and increased green space on ecosystem and human health. This webinar will also describe how these strategies can be prioritized for low-income communities and communities of color, who currently face greater health disparities resulting from historical transportation decisions.

[More Info](#)

Grants for the Trucking Industry

Wednesday, July 12th at 10:30 am PDT(online), hosted by Alberta Motor Transport Association (AMTA)

Please join us on this brief session to learn more about the variety of ways that AMTA and our partner Trucking HR Canada can help you tackle some major workforce challenges. We will outline financial opportunities for training new Class 1 drivers, hiring new non-driver staff, and taking on talented post-secondary students. Funding is limited so we highly encourage you to learn more and apply before the window closes.

[More Info](#)

Webinar: Women in ITE Bootcamp - Speed Networking for Professional Connections

Wednesday, July 19th at 11:00 am PDT, hosted by ITE Women in ITE Committee

Have you ever walked into a meeting or course and not known anyone there? Does the thought of making small talk at social events or during breaks at conferences give you the shivers? If you answered yes, then this is the webinar for you! This webinar will help you overcome those fears and will allow you to practice asking icebreaker questions in a fun and safe environment. Hopefully, you'll even make some great new connections in the process! Participants will be divided into groups of 2-3 people and be provided with a set of potential questions to ask. Every 5 minutes, the groups will be shuffled so that you will have the opportunity to meet and connect with up to 30 different people by the end of the webinar.

[More Info](#)

Webinar: Strategies for Airport Parking Pricing

Monday, July 24th at 10:00 am PDT, hosted by TRB

Parking affects passengers' and visitors' ability to access an airport and represents a large portion of an airport's non-aeronautical revenue. TRB will host a webinar that will present key information that airport management will need to consider to implement a rate-making strategy for parking. Presenters will explore different strategies for airport parking pricing, discuss which strategies might be suitable for different types of airports, and provide tools for airports to assess their own parking pricing schemes.

[More Info](#)

Webinar: Road Weather and Use Variable Speed Limits: Technology Applications for Rural Road Safety

Tuesday, August 1st at 11:00 am PDT, hosted by ITE & NRITS

The speakers in this webinar will share information on two current weather responsive variable speed limit applications, one in Arizona for dust conditions and one in Virginia for fog. In addition, speakers will cover research plans for integration of connected vehicle information and road weather information systems, and the automation of weather, traffic and pavement data as input to variable speed limit applications.

[More Info](#)

IAME Conference 2023

Tuesday, September 5th - 8th (in-person), hosted by METRANS

The METRANS Transportation Consortium at the University of Southern California (USC) and California State University Long Beach (CSULB) is honored to be able to host the International Association of Maritime Economists Conference 2023 (IAME Conference 2023) to be held in Long Beach, California, September 5-8, 2023. Since its foundation in 1992, IAME has developed into an international association with over 300 individual members from every continent and more than 10 corporate members. The Association is officially linked to two leading academic journals within the field: Maritime Policy & Management and Maritime Economics & Logistics.

[More Info](#)

Fast Facts

Created for Students, by Students

Get More Out of Variable Speed Limit Control: An Integrated Approach to Manage Traffic Corridors with Multiple Bottlenecks

Author: Michael Zhang, Shenyang Cheng, Hang Gao
University of California

Year: 2020

Keywords: Integrating Freight and Passenger Systems, Vehicles, Infrastructure



Check this week's featured Fast Facts [here](#).

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Transportation Planning Intern

Sam Schwartz

Apply ASAP

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Transportation/Traffic Engineering Intern

Jacobs

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Professor of Data Sciences and Operations (Open Rank) - Information Systems

USC Marshall - Data Sciences and Operations

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Electrical Engineering Supervisor - Meter Shop

City of Redding

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