



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.



Former UCI PhD Student Irene Martinez Set to Become Member of a TRB Committee

Irene Martinez, who obtained her PhD at the University of California, Irvine in June, was nominated to a Transportation Research Board (TRB) committee in April of this year, becoming an official member of 2022-2025 ACP50 "Standing Committee on Traffic Flow Theory and Characteristics."

Read more [here](#).



Boston-area transit agency grilled by state legislators on safety lapses

The Massachusetts legislature's joint committee on transportation held an oversight hearing on Monday probing a series of safety lapses at the Massachusetts Bay Transportation Authority, which serves the greater Boston area. The MBTA is the nation's fourth largest transit system.

Read the SMARTCITIESDIVE feature [here](#).



Truck Tonnage in June Soars 7.9% Year-Over-Year

“June’s jump tells me a couple of things. First, the transition in the freight market from spot back to contract continues. ATA’s tonnage index is dominated by contract freight, so while the spot market has slowed as freight softens, contract carriers are backfilling those losses with loads from shippers reducing spot market exposure. Essentially, the market is transitioning back to pre-pandemic shares of contract versus spot market,” Bob Costello, chief economist at ATA, said in a statement.

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



Madrid and Barcelona Win From Spain’s Free Train Travel Plan

Spain will become the latest European country to make a large part of its public transit network free as part of a push to promote cleaner transportation. It also has another clear objective: helping citizens to reduce fuel consumption as energy prices soar.

Read the Bloomberg CityLab feature [here](#).

Webinars & Online Events

Webinar: Strings Attached—Permissible Uses of Airport Property and Revenue

Tuesday, July 26th at 10:30 am PDT/1:30 pm EDT, hosted by TRB

Understanding the permissible use of airport revenue is one of the most common legal issues faced by airport management. This is especially true for use of revenue related to real estate development of airport property. TRB will host a webinar on Tuesday, July 26, 2022 from 1:30 – 3:00 PM Eastern that will explore the legal principles governing the generation and use of revenue from real estate development on the airport, and the approvals required for such development. Presenters will also examine the nexus between property use and regulations. Presenters will provide a map for airport management to aid in decision-making when considering the use of airport property for non-aeronautical and revenue generation purposes.

[More Info](#)

Webinar: Integrating Performance, Asset, and Risk Management is Value-Add

Tuesday, August 23rd at 10:30 am PDT/1:30 pm EDT, hosted by TRB

Research and practice in the areas of transportation performance, risk, and asset management have added to transportation planning tools, methods, and strategies. Integrating these changes into historically-siloed management practices requires the earnest focus of an entire organization, including participation of practically every individual. TRB will host a webinar on Tuesday, August 23, 2022 from 1:30 – 3:00 p.m. Eastern that will offer suggestions on building a roadmap for integrated management within their agency. The tactical and strategic roadmap includes steps for organizational structure, change management and communication to enterprise systems, qualitative/quantitative analysis, build resiliency, and data governance.

[More Info](#)

TRB Webinar: Considering Quality of Life in Transportation Planning and Development

Thursday, August 25th at 9:30a m PDT/12:30 pm EDT, hosted by TRB

There is a direct relationship between transportation investments and community resilience, equity, and sustainability. TRB will host a webinar on Thursday, August 25, 2022 from 12:30 – 2:00 p.m. Eastern that will explore how transportation agencies and state departments of transportation (DOTs) have ensured that quality-of-life considerations are comprehensively incorporated into community planning and project development processes through guidebooks, procedures, best practice research, and training. Presenters will also highlight experiences with developing and refining resources designed to incorporate community resources and impacts into transportation decision-making and project planning processes.

[More Info](#)

2022 People of Action Summit on Green Transportation and Clean Energy

Saturday, September 10th at 8:00 am PDT (hybrid), hosted by MTI

Join Rotarians, community members, and industry experts in-person in San Jose, California – or online – on September 10, 2022 for new insights on green transportation and clean energy.

Participate in presentations, discussions and demonstrations regarding present and future green transportation and alternate fuel solutions to create healthier, more sustainable communities, and mitigate the climate crisis from the perspective of policy, technology, practice, and equity. You'll be inspired to take action to amplify Rotary's support for our environment!

[More Info](#)

Transport and the Triple Bottom Line Summit 2022: Transit Lessons Learned from the Pandemic

Friday, September 23rd at 10:00 am PDT (online), hosted by MTI

The Transport and the Triple Bottom Line Summit seeks to explore the concept of 'sustainable transport,' leaving attendees with a fuller understanding, and most importantly, a definition for the term. Panelists and speakers include an array of national experts, practitioners, and scholars on social equity and transport, the environmental impact of transport, financial mechanisms for secure and continuous operations, as well as, decision-makers currently involved in California's notable public-private partnerships.

[More Info](#)

Fast Facts

Created for Students, by Students

Estimating the impacts of Automatic Emergency Braking (AEB) Technology on Traffic Energy and Emissions

Author: Guoyuan Wu, Xishun Liao,
Lan Yang, Matthew Barth
University of California, Riverside

Year: 2021

Keywords: Automatic Emergency,
Energy, Emissions, Accident
Avoidance



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