



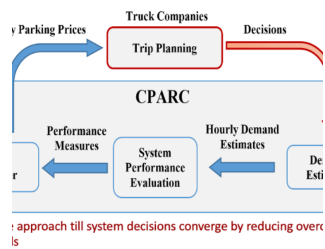
## METRANS on the Move: our weekly newsletter written and produced by students



### 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.

#### Parking Coordinator (CPARC)



#### PSR Hosts Seminar on Balancing of Truck Parking Demand by a Centralized Incentives/Pricing System

On Tuesday, April 12<sup>th</sup>, the Pacific Southwest University Transportation Center (PSR) hosted Professor Petros Ioannou for a seminar on the challenges of truck parking. Titled "Balancing of Truck Parking Demand by a Centralized Incentives/Parking System," the seminar featured METRANS-funded research from Dr. Ioannou and USC Electrical and Computer Engineering PhD student Filipe Vital.

Read more [here](#).



#### Van Nuys light rail line gets \$900M in federal funding

It's been delayed, scaled back, and split into phases, but with a new funding agreement with the U.S. Department of Transportation, a long-awaited light rail line is one step closer to breaking ground in the San Fernando Valley.

Read the [URBANIZE LA](#) feature [here](#).



#### Uber increases EV incentives to achieve its all-electric by 2030 goal

Uber CEO Dara Khosrowshahi put sustainability goals front and center at today's press conference. "Our cities feel alive, the streets are bustling and our climate is at the center of the conversation with people looking for more ways to go green," he said in a YouTube news announcement.

Read the [SMARTCITIESDIVE](#) feature [here](#).



## Optibus Joins Unicorn Ranks, Driven by Software Routing Public Buses, Trains

Optibus, a Tel Aviv-based producer of software that optimizes train and bus scheduling, announced a new round of financing that gives it a \$1.3 billion valuation, which it says makes it the first unicorn dedicated to the public transportation sector.

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

## Webinars & Online Events

### Webinar: Impacts on Roads from Automated Driving Systems (ADS)

**Thursday, May 19th at 10:00 am PDT/1:00 pm EDT, hosted by USDOT**

The recent Infrastructure Investment and Jobs Act (IIJA) calls for the Federal Highway Administration (FHWA) to conduct a study on the impacts of Automated Driving Systems (ADS) to transportation infrastructure, mobility, the environment, and safety. This study discusses both existing and future impacts of ADS on a range of areas, including but not limited to the existing transportation infrastructure, traffic operations, congestion, the environment, and personal mobility. This webinar will provide an overview of this study and highlight various automation-related activities across the FHWA.

[More Info](#)

### UC Irvine-ITS Seminar with Dr. Anne Aguilera and Dr. Leslie Belton-Chevalier

**Thursday, May 19th at 11:00 am PDT (hybrid), hosted by ITS-Irvine**

Presentation 1: Telework, everyday activities and mobility

Presenter: Dr. Anne Aguilera,

Presentation 2: Does working from home reduce CO2 emissions? An analysis of travel patterns as dictated by workplaces

Presenter: Dr. Leslie Belton-Chevallier

[More Info](#)

### Cybersecurity of Critical Urban Infrastructure

**Thursday, May 19th at 3:00 pm PDT (virtual), hosted by the National Disaster Preparedness Training Center**

The May 3rd Thursday virtual event will feature new research and case studies regarding the vulnerability of cities and critical infrastructure to cyberattacks as well as what emergency managers can do to prepare for, respond to, and recover from them.

[More Info](#)

### 2022 CITT State of the Trade and Transportation Industry Town Hall Meeting

**Tuesday, May 24th at 7:30 am PDT (in-person), hosted by Center for International Trade & Transportation**

A free in-person Town Hall Meeting (including breakfast) and the presentation of the Domenick Miretti Award to TTSI's Vic La Rosa.

While the world awaits a clear victory over a global pandemic, the supply chain carries on. Disruptions and delays have been the big story in the news; but the supply chain has been surprisingly resilient in the face of unprecedented consumer demand over the past two years. As the freight system navigates these challenges, it also continues to work toward the sustainability goals set out by the State and called for by local communities.

[More Info](#)

### METRANS Event: 9th METRANS International Urban Freight Conference

**May 25th to 27th at Hyatt Regency Long Beach, hosted by METRANS**

The International Urban Freight Conference (I-NUF) is the premier biennial conference that addresses all aspects of city logistics and goods movement in the world's metropolitan areas. The conference brings together researchers and practitioners in urban freight, supply chains, and logistics from around the world. It is a showcase for cutting-edge research and dynamic information-sharing and provides a forum for researchers, policy makers, and practitioners to reimagine and guide the future of the industry.

[More Info](#)

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### **Webinar: Cloud storage and data analytics and the impacts on Transportation**

**Friday, May 27th at 9:00 am PDT, hosted by ITS-Irvine**

Speaker: Randy Iwasaki, Leader, State and Local Transportation, Amazon Web Service (AWS).

[More Info](#)

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### **Conference on Sustainability and Emerging Transportation Technology**

**May 31st to June 2nd (in-person), hosted by Transportation Research Board**

Transportation technologies (e.g., connected and automated vehicles) and new approaches to mobility (e.g., shared services) are advancing so rapidly that it can be difficult for policy makers to frame incentives, regulations, and market signals to promote all three pillars of sustainability: equity, the environment, and the economy. The Sustainability and Emerging Transportation Technology (SETT) Conference will address questions around how academics, policy-makers, the private sector, NGOs, and others can work together to shape new mobility solutions to benefit all users of our transportation systems.

[More Info](#)

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### **ITSWC22 Student Essay and Video Competition (Sep 18-22)**

**Due on June 1st.**

Turn your knowledge of Intelligent Transportation Systems (ITS) into cash and win national recognition. ITS America Events and Southwest Research Institute® (SwRI®) are proud to partner once again for the 11th annual 2022 ITS Student Essay and Video Competition. This competition serves as an opportunity for today's transportation, engineering, and public policy students to apply their knowledge in a thought-provoking manner for a chance to win scholarship money, while building awareness of the high-tech transportation industry as a limitless career path.

[More Info](#)

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### **Webinar: The Accessibility Shift: Transforming Urban Transportation and Land-Use Planning**

**Friday, June 24th at 9:00 am PDT, hosted by ITS-Irvine**

Speaker: Jonathan Levine, Professor, University of Michigan.

[More Info](#)

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### **Webinar: Innovation Roadmaps for Freight Transportation in Europe**

**Friday, July 8th at 9:00 am PDT, hosted by ITS-Irvine**

Speaker: Lori Tavasszy, Professor, TU Delft.

[More Info](#)

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***Fast Facts***

***Created for Students, by Students***

# Physical Exposure and Social Sensitivity Estimating Sea Level Rise Impacts to Transportation through Vulnerability Assessment and Social Media Analysis

**Author:** Suwan Shen, Yi Qiang,  
John Canner, University of Hawaii at  
Manoa

**Year:** 2018

**Keywords:** Sea level rise, coastal  
flooding, road infrastructure, climate  
change, social media



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