

METRANS

Transportation Consortium

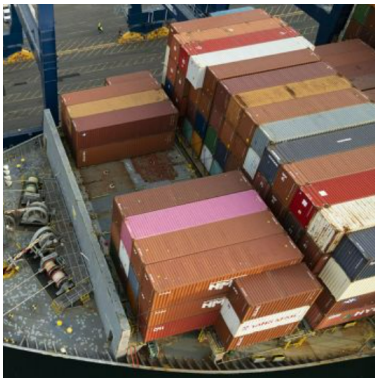
USC | CSULB

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.



California's Port Dominance Is Slipping as Cargo Shifts East

California has suffered a series of economic blows this year, from torrential rains that inundated farmland to the failure of three regional banks. Now the state's \$2.8 trillion freight industry is under threat. Southern California's ports have grown up alongside China's rise as a global trading power, moving almost 40% of containerized imports into the U.S. from Asia for the past two decades.

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



Mandates On Zero Emission Vehicles Are Changing California's Job Market. What You Should Know

Last month, California passed a first-in-the-world rule that, among other things, requires all new medium- and heavy-duty trucks sold in the state to be electric or hydrogen-fueled by 2036, building on a previous truck rule passed in 2020.

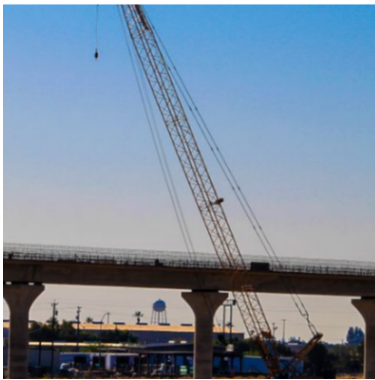
Read the LAist feature [here](#).



Colombia's Women-Led Electric Bus Fleet Is Reshaping Bogotá's Public Transit

At 15 years old and pregnant with her first child, Diana Ruiz started working on Bogotá's buses selling peanuts and candy, a sort of entry-level role in the city's hardscrabble informal economy. Fourteen years later she now drives a bus for the city's public bus company La Rolita, an all-electric fleet with a focus on gender equity that began operating last year.

Read the Bloomberg feature [here](#).



California Spent \$1.3B in Cap-and-Rade Funds on Climate, Equity Projects in 2022

The funding initiative, called California Climate Investments, not only focuses on reducing planet-warming emissions but addresses other issues such as "the availability of affordable housing, transportation to and from work and other important destinations, energy costs, extreme heat, fire, access to clean drinking water, as well as protecting and enhancing our natural and working lands," said Alex Stockton.

Read the SMARTITIES DIVE feature [here](#).

Webinars & Online Events

Webinar: Enhance Your Brand and Grow Your Team Using Social Media

Tuesday, May 16th at 11:00 am PDT(online), hosted by ITE Consultants Council.

Social media platforms can help grow both your personal professional brand as well as contribute to your company's growth. Building virtual connections, sharing stories of interest and showcasing successes are just a few of the ways to build a following and connect with others across the industry. This webinar will provide a background on the benefits of the using social media as a professional and advice on ways to engage.

[More Info](#)

CTA Conference: Inclusive Transport & the Role of Community-led Solutions

Tuesday, May 16th at 2:00 pm PDT(online), hosted by Community Transport Association

With growing interest in the impact of community-led solutions in driving inclusive transport, CTA is organising a virtual conference to bring together transport providers, local councils, disability advocates, charity organisations and community transport schemes in England to discuss the social impact of community-led solutions as well as equitable and accessible transportation systems that serve everyone's needs.

[More Info](#)

Webinar: Applications of Big Data in Safety Analysis

Tuesday, May 23rd at 12:00 pm PDT, hosted by ITE Safety Council.

This year the Safety Council published a Technical Brief that provides a guide to help transportation professionals understand how to define and incorporate Big Data when scoping, implementing, and evaluating safety projects. In contrast to Big Data, traditional crash data is typically collected by law enforcement agencies after a collision has occurred. Human error when documenting collision factors is

inevitable and consistency in reporting may vary, often requiring additional effort from analyst to validate and compile meaningful and consistent data from collision report. Additionally, traditional crash datasets may be too small to be useful, especially in rural or low traffic volume locations. Using traditional crash data to identify locations with high crash frequency is reactive; that is, a crash must occur in order for data to be collected. Big Data allows practitioners to study a larger number of potential traffic incidents by evaluating specific contributing factors (i.e., driver behavior) that could increase the risk of collisions.

[More Info](#)

Webinar: Electrification and Hydrogen Technologies in Airports

Thursday, May 25th at 11:00 am PDT, hosted by TRB

Airports of all sizes want to understand the broader industry shift towards alternative power solutions and how to prepare. TRB will host a webinar that will introduce the emerging electric and hybrid electric aircraft industry. Presenters will estimate potential market growth, provide guidance to help airports estimate the potential impact on their facilities, and suggest ways to prepare for this industry shift. Attendees will see a toolkit, which includes a database of electric aircraft and estimations of electric power requirements. Presenters will also discuss the broader industry landscape of alternative power in aviation.

[More Info](#)

Active Transportation

Wednesday, May 31st at 4:30 pm PDT(online), hosted by Sault Climate Hub

Peter Tonazzo, Director of Planning with the City of Sault Ste. Marie, ON, will talk about active transportation, what it is and why it's important. He will cover the City's master plan when it comes to active transportation and how the City, the environment and it's residents will benefit from it.

[More Info](#)

Webinar: Improving Access, Quality, and Management of Public Transit ITS Data

Thursday, June 1st at 9:00 am PDT, hosted by TRB

Standardizing operations data allows transit agencies to share tools to organize and validate data to make actionable decisions. TRB will host a webinar that will discuss various tools for transit data as well as the development and adoption efforts for new specifications that will allow agencies to better organize information. Presenters will explain the process researchers and practitioners used to develop a data specification for Automatic Vehicle Location (AVL), Automatic Passenger Count (APC), and fare data. Presenters will also share tools to leverage location, asset, and passenger data for planning, maintenance, and other uses.

[More Info](#)

Smart transportation and logistics

Monday, June 5th at 9:00 am PDT(online), hosted by Must High-Tech Expo

Smart Transportation and Logistics 2023 is a livestream day organized by Must B2B Metaverse on July 05, 2023. For most companies, the transportation and logistics are key for business success and could even be a competitive advantage. Technologies such as IoT & AI in transportation and logistics industries have made almost everything automated, eradicated many challenges related to real time tracking and produced important data allowing more intelligent capabilities. In this livestream day, we will develop around the latest trends in areas such as Artificial and Augmented Intelligence, Digital Twins, advanced analytics, Autonomous Vehicles, Warehouse Robotics to name just a few. Thus, more resilient, and sustainable technology approaches will harness Transportation & Logistics sector and their eco-system in the coming years.

[More Info](#)

Webinar: Curbside Management - A Snapshot State of the Practice

Thursday, June 8th at 11:00 am PDT, hosted by ITE Traffic Engineering Council.

During this webinar three cities will share an overview of their current curbside management programs. Curbside management encompasses a broad range interventions and approaches that center on how cities and towns utilize the valuable space next the curb. This topic has seen rapid shifts in the post-pandemic world with increases in deliveries and continued high interest in curbside dining or parklets. In DC the intersection of technology and curbside management has never been more visible. From mobile payments, to app-enabled for-hire vehicle and goods delivery services, to dynamic pricing, the transportation industry has never had more potential solutions to the evolving challenges at the curbside. Often being a leader in the pack means venturing into uncharted territory and taking an iterative approach to program implementation. The District Department of Transportation (DDOT) has been committed to leadership in transportation, particularly in curbside management. DDOT's Curbside Management Division will give an overview of several cutting-edge curbside management programs that have been developed in recent years highlighting successes, challenges, and lesson learned.

[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

Public Transit Safety Among University Students

Authors: Anastasia Loukaitou-Sideris,
Madeline Brozen, Hao Ding, Miriam Pinski,
Fariba Siddiq

Year: 2020

Keywords: public transit, land use, and
urbanmobility safety and security



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