



METRANS on the Move: our weekly newsletter 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.



Developing Spatial Awareness: NCST Introduces K-12 Students to GIS

From mapping voter demographics across the country to surveying global deforestation, Geographic Information Systems (GIS) continue to expand in usage, ranging from daily functions like GPS and Google Maps to professional use in the fields of environmental science, urban planning, social advocacy, and supply chain management.

Read more [here.](#)



Bay Area teens want to improve BART, and the agency is listening

Stippled throughout Twitter's rolling feed of Bay Area public transit news and impressions is a thriving informal grassroots group of young local riders who are composing a collected vision for how to enhance mass transit from within.

Read the SFGATE feature [here.](#)



Why Do Federal Crash Test Ratings Still Leave Pedestrians Behind?

The recent upgrade to federal safety standards for new car models emphasizes new technology but fails to consider the growing risks of large SUVs and trucks.

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



Travelers are feeling the sting of high gas prices as they weigh summer plans

US airlines report that high demand is allowing them to raise airfares and offset the extra fuel costs. But trend watchers say average airfare is still down from pre-pandemic levels.

Read the CNN feature [here](#).

Webinars & Online Events

Traffic Signal Systems by Dr. Milan Zlatkovic

Wednesday, March 23rd at 10:30 am PDT (hybrid), hosted by the University of Wyoming

This lecture will cover the basic aspects of traffic signal terminology, types, operational parameters, and design. The optimization and management of efficient traffic signals is an important part of traffic operations, maintaining an efficient and safe movement for all transportation modes. But how do they work? What are the principles behind their successful effectiveness? How do they adapt to various levels of traffic demand?

[More Info](#)

Webinar: A Hands-On Exploration of the Bay Area Parking Census

Tuesday, March 29th at 12:30 pm PDT, hosted by MINETA

The Mineta Transportation Institute, in partnership with SPUR and researchers at Arizona State University, recently created a parking census of the Bay Area has revealed the true enormity of land that we dedicate to our cars: 15 million spaces spread across the region's nine counties. To coincide with the launch of this census we're also releasing the database that was used as the backbone for our research. This innovative, publicly-available tool can serve as an important asset to help policymakers and planners throughout the Bay Area make more strategic decisions about parking. But such a tool is only useful if you know what to do with it. Take part in an interactive workshop to learn how this data-rich index of the region's parking surfeit can be wielded to inform policy changes, both big and small, in your own city.

[More Info](#)

Webinar: ASPD Presents: BIPOC Planners Panel 2022

Tuesday, March 29th at 12:30 pm PDT, hosted by ASPD

Associated Students of Planning and Development (ASPD) Board is hosting this event for MUP students and invites other USC Price students to attend. ASPD will host planning/planning field practitioners who identify as BIPOC to share their experience as planners to current MUP/Price students. Invited planners/planning field practitioners will engage in a meaningful conversation about navigating the planning field as an underrepresented group member. Panelists will also have the opportunity to answer questions during a short Q&A with students.

[More Info](#)

California 100 to Release First Round of Reports on Policies and Future Scenarios

Tuesday, March 29th at 5:30 pm PDT (virtual), hosted by California 100

Join California 100, a new statewide initiative being incubated at the University of California and Stanford University, in unveiling the initiative's first round of Reports on Policies and Future Scenarios focused on these policy areas involving California's infrastructure future. On March 29th, 2022 at 5:30 pm, California 100 research partners will discuss their findings and possible scenarios for the future in an online panel discussion.

[More Info](#)

METRANS EVENT: Local Inequities in the Relative Production of and Exposure to Vehicular Air Pollution in Los Angeles

Wednesday, March 30th at 12:30 pm PDT (hybrid), hosted by METRANS

Vehicular air pollution has created an ongoing public health crisis. We examine how different communities' driving volume and exposure to vehicular air pollution relate to race/ethnicity and socioeconomic status, and how this varies across the region. How much vehicular pollution are different communities exposed to in relation to how much—and where—their residents drive? We answer this question in the context of race, class, and driving in Los Angeles County and find a negative association between miles driven and exposure to vehicular emissions. That is, all else equal, residents of communities that drive more tend to be less exposed to vehicular pollution themselves.

[More Info](#)

Webinar: Equity in Transportation Planning

Thursday, March 31st at 9:00 am PDT/12:00 pm EDT, hosted by FAU's Center for Urban & Environmental Solutions

Historically, transportation infrastructure has divided communities. On March 31, 2022 at 12:00-1:30 pm EDT, join our brown bag webinar, Equity in Transportation Planning. Our speakers will discuss ways infrastructure can reconnect people across these divisions.

[More Info](#)

Proposals for "Green Transportation Summit & Expo 2022"

Due on March 31st

The Green Transportation Summit & Expo (GTSE) is the West Coast's premier fleet modernization and sustainable transportation event. GTSE offers attendees an inside look at the latest in fleet technologies and innovation and provides informative sessions featuring a who's who of national and regional transportation leaders.

[More Info](#)

2022 CCAT Student Poster Competition Submissions Open

Due on March 31st

The Center for Connected and Automated Transportation (CCAT) is pleased to announce that submissions are open for the 5th annual Student Poster Competition at the 2022 Global Symposium. This event is co-sponsored by the Intelligent Transportation Society of Michigan and invites all undergraduate/graduate students from U.S.-based institutions to participate.

[More Info](#)

31st Annual UCLA Lake Arrowhead Symposium: Transit in Transition

Friday, April 1st at 8:30 am PDT (in-person), hosted by UCLA Institute of Transportation Studies

Over the course of the 2021 Lake Arrowhead Symposium, we assessed the state of public transit in a time of intense uncertainty. We explored the pandemic's impact on operations, examined the post-bailout financial landscape, discussed ongoing equity issues, and hosted a roundtable with federal officials, who relayed the Biden administration's plans for resuscitating public transit. We closed with a look into the future: will transit ever resemble its prior self? And is a return to "normal" even preferable — or is there something to be gained from an alternate path?

As with previous events, we will be able to offer a limited number of scholarships for individuals to attend this daylong event free of charge. Interested individuals should join the waitlist. We will be notifying respondents on March 11 and March 28. Please click [here](#) to join the waitlist.

[More Info](#)

ITS Seminar: Analysis of ride-hail service with pooling

Friday, April 1st at 9:00 am PDT (virtual), hosted by UCI Institute of Transportation Studies

The past decade has witnessed a rapid growth of e-hail service provided by transportation network

companies (TNCs), such as Uber and Lyft. However, e-hail service not only suffers from unexpected efficiency losses under certain market conditions, but also intensifies traffic congestion in some big cities. Partly motivated by these concerns, TNCs introduced pooling to complement the regular e-hail service. In this talk, I will first present a physical matching model that distinguishes regular e-hail and pooling services, then incorporate it into the equilibrium analysis to investigate the platform's operational strategies and the impact of regulations. The base model is further extended to discuss platform competition and congestion pricing targeted at TNC vehicles.

[More Info](#)

METRANS/ASPD: State of Planning 2022

Tuesday, April 5th at 12:30 pm PDT (hybrid), hosted by ASPD

Speakers:

Helen Campbell, AICP, Senior Planner, California Governor's Office of Planning and Research

Michael Cano, Deputy Executive Director, Goods Movement and State Policy Programming, LA Metro

Mike Jones, Program Manager, SCAG

Shannon Wages, Principal Planner, ESA

[More Info](#)

Addressing Performative DEI and Systemic Inequities

Tuesday, April 5th at 5:00 pm PDT (virtual)

The Impact of Racism/Marginalization, Power, Privilege, and Positionality on Education and Workplaces. Time to Disrupt and Seek a Pathway to Real Equity.

[More Info](#)

California Bicycle Summit 2022

April 6th to 9th at Oakland, CA, hosted by CALBIKE

We invite anyone passionate about bicycling to join us—whether you're a bike advocate, city official, planner, or a CalBike member who simply cares about making the world a healthier, more just, and more sustainable place.

[More Info](#)

***METRANS EVENT*: PSR Research Seminar Series: Mobility, Accessibility and Disadvantaged Neighborhoods**

Wednesday, April 6th at 12:00 pm PDT (hybrid), hosted by METRANS

This project examines commonalities and differences

[More Info](#)

***METRANS EVENT*: Balancing of Truck Parking Demand by a Centralized Incentives/Pricing System**

Tuesday, April 12th at 12:00 pm PDT (hybrid), hosted by METRANS

The main objective of this project is to develop a centralized truck parking system that will balance parking utilization in time and space by using full information about supply and demand. Surveys find that most drivers use unauthorized parking locations at least once a week and studies report that many drivers often spend more than 30 minutes looking for parking, or park one hour earlier than required in order to guarantee parking, both of which reduce productivity.

[More Info](#)

Reception for Darren Kettle Metrolink's Newest CEO

Tuesday, April 12th at 5:00 pm PDT, hosted by WTS

At DoubleTree by Hilton Hotel (Rooftop Garden)

120 South Los Angeles Street

Los Angeles, CA 90012

[More Info](#)

Research Submission for low carbon, cost-free, COVID-free Bridging Transportation Researchers conference (August 4 & 5)

Due on April 15th

All manuscripts should be written in English and, for the purpose of double-blind review, should exclude any information revealing the names or affiliations of the authors. The submissions process will be managed via EasyChair. BTR does not have proceedings, and submitting your work to BTR does not prevent you from submitting it to journals. You can also submit your recent published work for presentation at BTR.

[More Info](#)

Webinar: Reforming Governance to Transform Cities

Thursday, May 5th at 11:00 am PDT/2:00 pm EDT, hosted by Eno Center for Transportation

Cities own the streets that transit agencies need for their bus lanes. Regions often lack a coordinated entity to oversee implementation of road pricing. Freight rolling off a regional port hub is not always synced with the state and local roadways that connect it.

[More Info](#)

2022 ITS California Annual Conference & Exhibition

May 16th to 18th at Hyatt Regency San Francisco Airport, hosted by ITS California

Please check the Membership list to see if your organization is an ITS California Member to use the Membership discount.

[More Info](#)

Pathways to Opportunity

Transportation Undergraduate Research Fellowship

Portland State University

Apply by 04/14/22

[See more info](#)

Transportation Planning/Major Pursuits Intern

AECOM

Apply ASAP

[See more info](#)

[More Internships and Scholarships Here](#)

Energy and Sustainability Consultant

ARUP

Apply ASAP

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Data Analyst

Gensler

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