



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.



METRANS Associate Director, Petros Ioannou, Inducted into NAE

USC Viterbi Professor Petros Ioannou is one of 11 recent inductees into the National Academy of Engineering (NAE). Ioannou has long been a leading figure within the METRANS Transportation Consortium, which he was instrumental in founding and where he serves as Associate Director of Research today.

Read more [here](#).



MMTT: What Does A Rollout of Fuel Cell Electric Cars Look Like For Oregon And Washington?

On January 12, the Columbia-Willamette Clean Cities Coalition hosted their annual series Mindful Mobility Tech Talks (MMTT). The annual series typically features intellectual conversation, or "Mindful" ways to approach mobility, including new modes, different fuels, and the latest in low-emission technologies.

Read more [here](#).



Oakland piloting new free transit program

Last December, the Oakland Department of Transportation launched the Universal Basic Mobility program. There are five hundred participants in the pilot program. Each gets a 300-dollar transit card that can be used to pay for rides on AC Transit, BART, city bikes, and scooters

Read the KALW feature [here](#).



Bike parking improvements at Metro stations are in the works

One of our long-standing goals is to make it easier for all people to travel to and from our stations — including cyclists. In many cases, that means offering convenient and safe bike parking options for commuters.

Read the METRO feature [here](#).

Webinars & Online Events

Webinar: Transportation, Inflation, and the Supply Chain

Wednesday, March 2nd at 11:00 am PST/2:00 pm EST, hosted by REMI

The temporary Ambassador Bridge closure shows that supply-chain disruptions may continue to dodge the economy in 2022. We discuss the link between transportation, the supply chain, and the economy. Component shortages have led to adverse supply shocks in the automotive and other industries; labor shortages in trucking and other sectors have increased production costs, and geopolitical events have pushed the price of crude oil to multi-year highs.

[More Info](#)

PSR Emerging Scholars Transportation Research Symposium

Friday, March 4th at 8:30 am PST (hybrid), hosted by the Pacific Southwest Region University Transportation Center (PSR)

Join us for presentations from both academics and emerging scholars from our PSR partner universities, including USC, UCLA, the University of Hawai'i at Mānoa, UC Davis, and others. The event will take place from 8:30 am to 4 pm. The event will be hosted both in-person at RGL 308 on USC's campus and on zoom from 8:30 am to 4 pm on March 4th, 2022. Lunch will be served.

[More Info](#)

Webinar: Street network sprawl and autonomous vehicles

Friday, March 4th at 9:00 am PST, hosted by UCI Institute of Transportation Studies

Disconnected urban street network – “street-network sprawl” – are strongly associated with increased vehicle travel, energy use and CO2 emissions. Moreover, since street layouts are essentially permanent, today's choices on the connectivity of streets will restrict future resilience and lock in car dependence for a century or more.

[More Info](#)

Control, Optimization, and Learning for Interdependent Critical Infrastructures

Friday, March 4th at 9:15 am PST (hybrid), hosted by Pramod Khargonekar

The critical infrastructures, including electricity, water, transportation, and communication, have evolved and successfully served us for decades and have significantly augmented the people's wellbeing and economic surplus of several countries. Today, we are seeking sustainable growth in the 21st century, which is inherently dependent on resilient and sustainable operation of critical infrastructures.

This seminar will present advanced optimization, control, and machine learning models that enable enhancing the operational flexibility and resilience of interdependent power, water and transportation systems in the face of changing energy resource mix and growing cyber and physical threats.

[More Info](#)

PSR Webinar: Bike Share in the Sacramento Region: Lessons Learned and What's Next

Friday, March 4th at 1:40 pm PST (hybrid), hosted by UC Davis

Join us for this ITS-Davis Seminar where you'll hear from Sabrina Bradbury, SACOG Senior Program Manager, about the latest on the region's bike share program and efforts to attract and manage both bike share and scooter share in communities around the region.

[More Info](#)

METRANS EVENT: Research Seminar Series: Performative or Authentic? Assessing the Status of Transportation Equity Work in California

Wednesday, March 9th at 12:00 pm PST (hybrid), hosted by METRANS

This report assesses equity work within transportation in California by analyzing the expert perspectives of transportation professionals who also identify as Black or people of color. Key findings centered around a key distinction between "performative" equity work and "authentic" equity work. Key recommendations include supporting action-oriented equity work, especially around resource allocation and redistribution of decision-making power to communities. The report includes case studies of how to apply findings to new mobilities and policing, as well as visions for more equitable transportation futures.

[More Info](#)

Webinar: Digitizing the Curb: An Efficient Path to Better Curbside Management

Wednesday, March 10th at 10:00 am PST, hosted by CurblQ

Curbside data is critical to facilitate curb management tools, like dynamic curb regulations and pricing, which allow for greater mobility and access for people and businesses on our streets. However, collecting curbside information at scale is often a barrier to practicing digital curb management.

[More Info](#)

Webinar: Building Bridges of Trust: An Approach to Cultural Transformation

Thursday, March 17th at 9:00 am PST, hosted by DRPA/PATCO

The Delaware River Port Authority (DRPA/PATCO) was engaged in several large, mission-critical projects at a time when morale and trust, both internally and among external stakeholders, were low. They turned to lessons based on the principles of comedy improvisation, such as deep listening, empathy, and collaborative trust.

[More Info](#)

PSR UTC Congress 2022: Lessons Learned in Vulnerability, Resilience and Recovery

Monday, March 21st to 23rd in Honolulu, hosted by PSR

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[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 PST (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](#)

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

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

This project examines commonalities and differences among disadvantaged neighborhoods in mobility and access to opportunities, based on the concept of spatial-transportation mismatch (STM), which asserts that spatial distance and poor transportation are potential barriers to opportunities beyond one's immediate location. The project analyzes variations in transportation resources and accessibility to employment, quality elementary schools, and health care. The study compares two regions in California, one highly urbanized (Los Angeles County) and one more agriculture based (San Joaquin County). This allows us to compare disadvantaged neighborhoods with non-disadvantaged neighborhoods within each region, and to compare disadvantaged neighborhoods in one county versus another.

[More Info](#)

SAVE THE DATE! METRANS/ASPD State of Planning 2022

Thursday, April 7th at 12:30 pm PST (virtual), hosted by METRANS

Speaker:

Michael Cano (USC MPA Alumni), Deputy Executive Director, Goods Movement and State Policy Programming, LA Metro

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

Sarah Jepson, Planning Director, SCAG

Shannon Wages (USC MPL Alumni), Principal Planer, Environmental Science Associates

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](#)

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](#)



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