

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.



METRANS Teams with USC Alumni Association to Introduce Local Youth to STEM Careers

On Saturday, March 12th, as part of the Annual USC Alumni Day of SService, the METRANS K12 student team once again hosted local high school youth for an interactive day of lectures and activities designed to introduce them to exciting STEM careers, this year with an emphasis on those in aerospace.

Read more [here](#).



ASPD and METRANS TSA present State of Planning 2022

Many career fields have been drastically altered with the current state of remote work, and planning is no exception. To gauge how the field of planning has changed in relation to the pandemic, on April 5th the Associated Students of Planning and Development (ASPD) and METRANS Transportation Student Association (METRANS TSA) held the second annual State of Planning event.

Read more [here](#).



Metro Pushing to Get Construction Underway this Year on Major Phase of 57/60 Freeway Interchange Expansion

Metro is pushing to begin construction of the major portions of its half-billion-plus dollar project to expand the capacity of the 57/60 Freeway interchange, located in the eastern L.A. County. In the city of Diamond Bar, alongside the City of Industry, the 57 and 60 Freeways merge together for about two miles.

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



Over 100 NYC streets will be car-free for Earth Day

More than 100 streets in New York City's five boroughs will go car-free to celebrate Earth Day. For the fifth year in a row, the city will mark the occasion by closing streets to vehicles, according to a news release from the NYC Department of Transportation.

Read the CNN feature [here.](#)

Webinars & Online Events

Webinar: Routes to Recovery: 2022 Outlook for the Intercity Bus Industry

Thursday, April 14th at 10:00 am PDT/12:00 pm CDT, hosted by Chaddick Institute

A discussion of the Routes to Recovery - A timely analysis, major initiatives sorted by region, and bold prognostications. You'll be surprised how much is happening in the sector, which has long been known for Greyhound, Megabus, Peter Pan, and other carriers.

[More Info](#)

Webinar: UC Irvine-ITS Seminar with Professor Paul Ong

Friday, April 15th at 9:00 am PDT, hosted by ITS-Irvine

Professor Paul Ong from UCLA will share his thoughts about factors that create transportation disparities and structural racism and transportation.

[More Info](#)

Webinar: ITS Davis Friday Seminar: Demand for plug-in electric vehicles in the future Danish vehicle market

Friday, April 15th at 1:30 pm PDT, hosted by ITS-Davis

This seminar discusses electric vehicle demand in Denmark, focusing on recent analyses of the transition towards plug-in electric vehicles. The primary study uses data from a large representative Danish stated choice survey. Based on these data, we estimate a mixed logit model that allows for correlated random effects across fuel types and car segments as well as systematic heterogeneity. The results show that correlation and substitution indeed go across these dimensions.

[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: Electric Vehicles--Past, Present, & Future

Tuesday, April 19th at 12:00 pm PDT, hosted by MTI & SJSU

Electric vehicles may seem like cutting-edge technology, but they are in fact quite the opposite: electric versions of the "horseless carriage" first appeared nearly two centuries ago. International EV experts Dr. Gijs Mom and Dr. Daniel Sperling will reflect on lessons from the history of EV technology and policy innovation that can help today's policymakers and automotive experts smooth the path for cost-effective EV adoption.

[More Info](#)

Webinar: Micromobility as a Solution to Reduce Urban Traffic Congestions

Wednesday, April 20th at 9:00 am PDT/12:00 pm EDT, hosted by STRIDE Webinar

Micromobility is an innovative transportation strategy that has demonstrated a great potential for congestion mitigation. However, the research on micromobility is very limited in the field of transportation. This project conducted a comprehensive study to analyze, quantify, and understand the impacts of micromobility on congestion reduction and generate new knowledge to facilitate the planning of micromobility services.

[More Info](#)

Cybersecurity and Infrastructure Security - Brian Keith

Wednesday, April 20th at 6:00 pm PDT (in-person), hosted by CE 582

The lecture will discuss the Cybersecurity and Infrastructure Security Agency (CISA) and the Protective Security Advisor Program and its role in helping to secure our nations Critical Infrastructure. Please click "More Info" to see the official flyer.

[More Info](#)

Webinar: NDPTC's Virtual 3rd Thursday Event - Stories and Lessons from the Tonga Volcano-Tsunami

Thursday, April 21st at 3:00 pm PDT/12:00 pm HST, hosted by NDPTC

Please join us for our April 2022 Third Thursday Virtual Event which will spotlight the Hunga Tonga-Hunga Ha'apai Volcano-Tsunami event in January 2022. Presentations will focus on assessment of what occurred, review preparedness, response, and recovery efforts, and examine relevant lessons learned for the disaster management community.

[More Info](#)

Webinar: Is Sharing Caring? Understanding Shared Mobility Impacts

Friday, April 29th at 9:00 am PDT, hosted by ITS-Irvine

Speaker: Professor Susan Shaheen, UC Berkeley.

[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](#)

Data for Active Transportation Research and Planning

Friday, May 6th at 1:40 pm PDT (hybrid), hosted by ITS-Davis

Lack of available data can be a barrier to bicycling and pedestrian research and planning. Much of my team's research focuses on building novel data sources to map bicycling infrastructure, safety, and volume. In this presentation I will outline how we are using OpenStreetMaps to map bicycle infrastructure, crowdsourced webmaps (BikeMaps.org and WalkRollMap.org) to map safety and access concerns, and modelling ridership using Strava data. I will discuss how crowdsourced data provide unique opportunities to enhance active transportation data, but also challenges particularly around representativeness and equity.

[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](#)

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](#)

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](#)

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](#)

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](#)

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](#)

Fast Facts

Created for Students, by Students

Mobility, Accessibility and Disadvantaged Neighborhoods: Assessing Diversity in Transportation-Related Needs and Opportunities

Author: Paul M. Ong, Chhardara Pech, Tiffany Green, Nataly Rios

Year: 2021

Keywords: Spatial-transportation mismatch, accessibility, disadvantaged neighborhoods



Check this week's featured Fast Facts [here](#).
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Pathways to Opportunity

Facilities Student Intern

Foothill Transit

Apply ASAP

[See more info](#)

APTF Scholarship

American Planning Association Foundation

Apply by 06/14/2022

[See more info](#)

[More Internships and Scholarships Here](#)

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City of Glendale

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Newsletter Staff

Hong-Sheng "Clark" Hsu • *Newsletter Lead* • hsuh@usc.edu

Agil Wibowo • *Social Media Lead* • agilwibo@usc.edu

Emily Ng • *Opportunities Editor* • emng@usc.edu

Christopher Keating • *Fast Facts Editor* • cckeatn@usc.edu

Hayley Rundle • *Staff Writer* • hrundle@usc.edu

Jacob Wong • *Staff Writer* • wongjaco@usc.edu

Dr. Victoria Deguzman • *Advisor* • victoriv@price.usc.edu

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