

METRANS NEWS



USC University of Southern California

LONG BEACH STATE UNIVERSITY

Dedicated to solving metropolitan transportation problems through research, education, and outreach.

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Inside this issue

Norman Mineta Endorses Tyler Reeb's New Book 2

Smart Freight Week 3

New METRANS Associate Partner: HDR 4

METRANS Researcher Seiji Steimetz Receives "Go Long Beach" Award 4

USC's Associated Students Win APA's Highest Honor 5

VREF Scholarship 5

Giuliano Presents PSR at UTC Spotlight Conference 6

PSR UTC Student of the Year Sue Dexter 6

Three Additional PSR Student of the Year Recipients 7

O'Brien and Reeb Write Op-Ed Piece for Eno Center 7

METRANS at MOBILIZE 2019 8



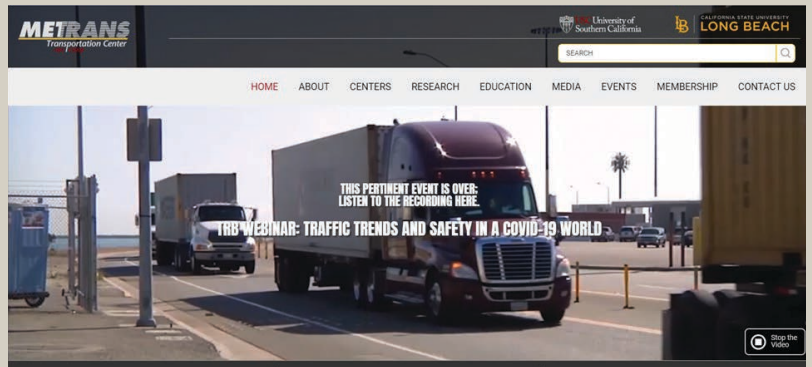
METRANS is a partnership organization between the University of Southern California and Long Beach State University. Its mission is to solve transportation problems of large metropolitan areas through research, education, and outreach.

METRANS Launches New Website, Annual Publication

METRANS recently launched a next-generation version of METRANS.org to better reflect the range of research, education, and outreach activities occurring across its affiliated centers and other activities. The website reboot was part of a larger center effort to expand communications bandwidth that will also include more robust online news and event coverage, as well as a new annual publication that will replace the tri-quarterly newsletter, METRANS NEWS.

"Over the years as METRANS has expanded, it has become increasingly clear we had outgrown

our previous website and our tri-quarterly newsletter," said METRANS Director Genevieve Giuliano. "The new METRANS website, annual publication, and ongoing updates via e-blasts and social media posts will make it possible to cover the wide range of research, education, and outreach activities now taking place."



METRANS RESEARCH

Smart Freight Week Features Many Ways to Discuss the Future of Moving Freight



Genevieve Giuliano addresses participants at the 2019 I-NUF Conference and Smart Freight Week.

METRANS and CITT took an innovative approach over an entire week in mid-October to address the intersection of freight and cities by hosting a new event titled "Smart Freight Week." During that week, more than 500 people participated in one or more of the three unique events all held at the Hotel Maya in Long Beach, California.

First up was the annual CITT Town Hall with the title, "Smart Port of the Future: Economy, Environment, Technology and the Workforce." The opening segment of this first-ever "breakfast CITT Town Hall" featured another outstanding video by CSULB's Advanced Media Center that summarized the challenges that are driving goods movements operations toward smart technology solutions. A key point in the video was that "Ultimately, smart technology will play a major role in how consumer items are delivered to local customers." (The video is available at <https://www.youtube.com/watch?v=l-VayHWe50s&feature=youtu.be>.) *continued on Page 3*

First up was the annual CITT Town Hall with the title, "Smart Port of the Future: Economy, Environment, Technology and the Workforce." The opening

Norman Mineta Endorses Tyler Reeb's New Book Empowering the New Mobility Workforce



Norman Mineta

Empowering the New Mobility Workforce, edited by Tyler Reeb, Director of Research and Workforce Development at the CSULB Center for International Trade & Transportation (CITT), received an endorsement from transportation legend Norman Mineta.

Mineta, who was recently featured on the PBS documentary series *An American Story*, went from being imprisoned by the U.S. during World War II for his Japanese ancestry to becoming the first Asian American to serve in a presidential cabinet – he served as the Secretary of

Transportation for George W. Bush and the Secretary of Commerce for Bill Clinton. Mineta was also Chair of the House Transportation Committee, a Congressman for many years, and the 59th Mayor of San Jose, California.

Empowering the New Mobility Workforce: Educating, Training, and Inspiring Future Transportation Professionals enlists a multidisciplinary roster of subject matter specialists who identify the priorities and strategies for

cultivating a skilled workforce for the rapidly changing transportation landscape. The book empowers readers to establish ongoing communities of practice that cultivate sustainable career pathways that respond to ever-evolving socioeconomic trends and transformational technologies.

"This text offers a roadmap to implement training and education strategies necessary to motivate and prepare the incoming and incumbent workforce," said Mineta. Other endorsements for *Empowering the New Mobility Workforce* include Beverly Scott, Senior Fellow at the Transportation Learning Center, and Karen Philbrick, Executive Director of the Mineta Transportation Institute at San Jose State University.

"I have had the pleasure of directing transit agencies coast-to-coast, and I can tell you firsthand that Empowering the New Mobility Workforce is an essential text for transportation leaders nationwide," said Beverly Scott.

"It offers a detailed compendium of workforce projects and scenarios, while addressing an abiding question: How do we improve the lives of all involved during this period of rapid mobility innovation?"

"This critically important text convenes a transdisciplinary team of subject matter experts addressing industrial psychology, engineering, political science, business management, information systems, and other critical disciplines that impact the future of transportation," said Karen Philbrick.

"This book is a network of communities of practice writ large," said Editor Tyler Reeb. "The architects and champions of the new mobility workforce featured in this text understand the importance of developing innovation networks that connect communities of practice around the nation and the globe to share resources, best practices, and expertise. This open-source approach makes it possible for global leaders in workforce development to move beyond political and financial barriers that have traditionally hindered knowledge transfer to share innovative research, curriculum, business models, and policy innovations."

Tyler Reeb is the Director of Research and Workforce Development at Long Beach State University's Center for International Trade & Transportation. Reeb leads research teams who address challenges and opportunities related to the new mobility workforce, transformational technology, institutional change, organizational management, and transportation systems management operations (TSM&O).

To learn more about the book, click here.

<https://www.metrans.org/news/norman-mineta-endorses-tyler-reeb-s-new-book-empowering-new-mobility-workforce>



"This text offers a roadmap to implement training and education strategies necessary to motivate and prepare the incoming and incumbent workforce." Norman Mineta.

METRANS RESEARCH

Smart Freight Week, cont

The 2019 Town Hall included a roundtable discussion along with a question and answer session with the audience. The roundtable was moderated by CSULB's Thomas O'Brien, CITT Executive Director and METRANS Deputy Director. The panel consisted of Patrick Couch, Senior Vice President, Technical Services, Gladstein, Neandross & Associates; Ray Familathe, President, ILWU Local 13; Chad Lindsay, Vice President, Labor Relations, Pacific Maritime Association; Avin Sharma, Director of Labor Relations and Workforce Development, Port of Los Angeles; and Heather Tomley, Managing Director of Planning and Government Affairs, Port of Long Beach.

The program concluded with the presentation of the Domenick Miretti Award to Dr. Genevieve Giuliano, Director, METRANS Transportation Center, and a special recognition of the late Connie Rivera, Government and Community Relations Officer at Alameda Corridor Transportation Authority and long-time member of the CITT Policy and Steering Committee.

A webcast of the entire 2019 Town Hall is available at <https://www.youtube.com/watch?v=5cVysv9OdoA&feature=youtu.be>

The second event of Smart Freight Week was a half-day workshop for policy makers and planners from around the world, titled "Urban Freight Solutions for a Smart City." The workshop utilized the recently released "Complete Streets Considerations for Freight and Emergency Vehicles," a guidebook developed under the leadership of Alison Conway, Associate Professor of Civil Engineering, City College of New York, and produced by faculty, staff and students at The City College of New York, The City University of New York, and the New York City Department of Transportation. The full guidebook is available at <https://metrans.org/news/new-metrofreight-publication-a-guidebook-for-considering-freight-in-complete-street-design->

The workshop participants examined and evaluated potential freight management strategies from their own perspectives. Participants included academic and industry representatives from Brazil, Norway, Sweden, Peru, France, Bangladesh, Canada, Germany, UK, and Colombia; policy makers from nearby cities and counties including Torrance, Imperial County, Los Angeles, Los Angeles County, Long Beach, Santa Monica, Bellflower, and South Gate; and planners and management from Caltrans, LA Metro, Cushman & Wakefield, FHWA, SCAG, UPS, Rensselaer Polytechnic Institute, Texas A&M Transportation Institute, USC, CSULB, and a variety of industry-related companies.

Smart Freight Week concluded with the 8th METRANS International Urban Freight Conference, known as I-NUF. The 2½-day conference addressed all aspects of city logistics and goods movements in the world's metropolitan areas. Participants, presenters, and presentation authors represented over 18 countries and from throughout the United States with the intent of building a dialogue on new research discoveries and the future of urban freight. Special attendees included Volvo Research and Educational Foundation's travel sponsorship recipients from India, Colombia, Ethiopia, the Philippines,

Bangladesh, and Belgium, and students from Long Beach Unified School District's Cabrillo High School Academy of Global Logistics.

The opening session keynote speaker was Ian Roark, Vice President, Workforce Development, Pima Community College, presenting "Looking



2019 I-NUF participants enjoyed a tour of the Long Beach Container Terminal.

Ahead: Workforce Development for Transportation & Logistics in the 4th Industrial Revolution." The keynote speaker at the opening day luncheon was Bernie Kotlier, Executive Director, Labor Management Cooperation Committee and National Co-Chair, Electric Vehicle Infrastructure Training Program. The title of his presentation was "Electrification of the Last Mile." The Keynote Speaker at the second day luncheon was Alison Conway, Associate Professor, Civil Engineering, City College of New York. Her presentation was titled "Goods Movement in a Changing Streetscape." Keynote presentations are available at https://metrans.org/inuf_papers_presentations.

Special panels and sessions included the topics of "Maximizing Multimodal Connections for Improved First-Last-Mile Freight Mobility: Noteworthy Practices from the US and Abroad"; "The Future of Last Touch Delivery: Balancing Industry Needs and Community Impacts"; "Technology and Policy"; and "Hyper-local and Zero-Emission Urban Deliveries via Micro Hubs: A Solution for the Future?"

I-NUF concluded with a unique optional bus tour of the Long Beach Container Terminal, a presentation at the Port of Los Angeles, and an eco-drive demonstration. Photos are available at https://metrans.org/inuf_2019_highlights_photos.

Smart Freight Week was a successful, busy, and productive week attended by experts, researchers, and stakeholders from all over the world. They focused on contributing to the understanding of the impacts of goods movement on metropolitan areas and developing policies and strategies for managing urban freight.

Smart Freight Week was sponsored by METRANS' major funders, US Department of Transportation, Caltrans, and Volvo Research and Education Foundations; the METRANS Associates Partners--Port of Long Beach, LA Metro, Southern California Association of Governments, Metrolink Yusen Terminals, Majestic Realty, Port of Los Angeles, Nixon Peabody, and HDR; and 2019 Smart Freight Week sponsors US Federal Highway Administration, ILWU Local 13, Fehr & Peers, and Watson Land Company.

METRANS OUTREACH

New METRANS Associate Partner: HDR



METRANS welcomes HDR as its newest METRANS Associate Partner. HDR provides engineering, architecture, environmental and construction services throughout the United States and across the globe. Its multidisciplinary teams

tackle some of their clients' greatest challenges in transportation, energy, urban development, water and much more.

HDR's transportation practice connects people, improves systems and provides customized mobility solutions that create strong, vibrant communities. Notable projects include designing the automated people mover at Los Angeles International Airport, engineering oversight of the Port of Long Beach's Pier B freight modernization effort and designing the transformation of Los Angeles' historic Union Station from a termination point to a run-through station.

HDR projects have been named the nation's best overall engineering achievement four times in the past decade by the American Council of Engineering Companies, and the company is consistently highly ranked in industry engineering and architecture surveys.

Representing HDR on the METRANS Advisory Board is Carrie Bowen, California Highway and Roads Leader, with Tom Kim, Senior Vice president and Transportation Manager for Southern California, serving as the alternate.

"METRANS' work preparing the transportation workforce, supporting innovation and sharing knowledge is key to our industry's continued progress," said Bowen. "We're excited to be part of the thought leadership that moves our communities forward and tackles the transportation challenges we all face on a daily basis."

One of the largest employee-owned companies in the United States, HDR employs more than 10,000 people and is committed to supporting the next generation of the transportation workforce. Headquartered in Omaha, Nebraska, HDR has more than 200 offices around the world including locations in 15 California cities.

Community involvement and support is also important to HDR. The HDR Foundation, founded in 2012, has provided nearly \$3 million in grants across the United States, including funding educational efforts in California classrooms and for Southern California Girl Scouts.

"We look forward to working with such an innovative organization like HDR as we work to solve the transportation problems of large metropolitan regions," said METRANS Director Genevieve Giuliano.

For additional information about METRANS Associate Partners, see https://metrans.org/Membership_MAP.

For more information about HDR, go to www.hdrinc.com.

METRANS OUTREACH

METRANS Researcher Seiji Steimetz Receives "Go Long Beach" Award

METRANS researcher and Executive Committee member Seiji Steimetz recently received a Go Long Beach Award in recognition of his exemplary service to the Long Beach community. The ceremony, held in June 2019, was hosted by Long Beach Mayor Robert Garcia at the offices of Keesal, Young, and Logan. The Go Long Beach Awards recognize individuals that actively work to make Long Beach a better place, with Steimetz being one of the thirty-three honorees this year. Steimetz was recognized in particular for his contributions to the city's economic understanding and policies. His specific accomplishments include the annual Long Beach Regional Economic Update and the first-ever Long Beach Latino Economic Report.

"Professionally, the award confirmed that our commitment to community engagement and efforts to fulfill the university's strategic priority of serving the public good are indeed effective," said Steimetz. "Many professors on campus work tirelessly and without compensation to effect positive change in our community. It was reassuring to know that those efforts are appreciated." This year marks the tenth anniversary of the Go Long Beach Awards. Steimetz joins the ranks of many other community leaders, ranging from muralists to educators to nonprofit organizers, who have been recognized with this award.

In addition to being a METRANS researcher and member of the METRANS Executive Committee, Steimetz is a professor and chair of the Department of Economics at Long Beach State University. He earned his PhD in Economics from the University of California, Irvine and focuses his research in applied economics with a special emphasis on transportation. His work has been published in notable economic and interdisciplinary journals such as *Economic Inquiry*, *Journal of Regional Science*, as well as many other leading publications.



Seiji Steimetz with Long Beach Mayor Robert Garcia

METRANS OUTREACH

USC's Associated Students of Planning and Development Win APA's Highest Honor

The American Planning Association (APA) awarded the 2019 Outstanding Planning Student Organization Award to the Associated Students of Planning and Development (ASPD) at the USC Price School of Public Policy. The award was presented in April at APA's National Planning Conference in San Francisco.

"Our board is delighted to receive this recognition, and we hope that is a positive reflection of the hard work our members have invested in their programming this year," said ASPD co-chair Kristian Castro, who is pursuing a dual Master of Planning and Master of Public Administration degrees.

This award is the highest honor that APA bestows upon student planning organizations. The award recognizes excellence in innovative educational programming, APA engagement, and community outreach. It also involves a \$2,500 cash prize, which ASPD hopes to apply to travel funds for planning students to attend APA conferences.

"The organization exemplifies what a great student group should be doing—connecting students with professionals, illuminating controversial sights and issues related to the profession, and helping students bond with their cohort and alums," said USC Price Professor David Sloane.

ASPD's innovative educational programming includes a new Urban Crawl Series, which immerses planning students in diverse neighborhoods such as Little Tokyo and Chinatown, as well as to unique cities such as Tijuana.

ASPD's flagship community outreach program is the Planning for College series, which introduces local high school students from underserved communities to planning careers. In addition, ASPD regularly hosts a Global Seminar Series, featuring USC faculty members from a range of disciplines discussing topics such as public space and gentrification.

METRANS is a close partner of ASPD, funding many of its efforts and employing some of the student members.



Members of the Associated Students of Planning and Development at the USC Price School of Public Policy celebrating their 2019 APA award

METROFREIGHT RESEARCH

VREF Scholarship Brings International Researchers to I-NUF

An international roster of scholars attended I-NUF 2019 thanks to the support of Volvo Research and Educational Foundations (VREF) Scholarship. The scholarship assists PhD students and young researchers to help cover the costs of travel and accommodations for short-term study visits. This is an opportunity for them to garner new knowledge and experiences while cultivating professional opportunities.

This year's recipients were:

Assistant Professors

- Ankit Gupta, Indian Institute of Technology
- Jackeline Hoyos, Universidad del Valle, Colombia
- Krister Roquel, De La Salle University, Philippines

Research Assistant

- Anan Sutaria, University of Antwerp, Belgium

Ph.D. Students/Researchers

- Abel Kebede, Addis Ababa University, Ethiopia
- Diana Moreno-Palacio, Universidad Nacional de Colombia at Medellin, Colombia
- Razon Chandra Saha, Bangladesh University of Professionals
- Ivan Dario Arrieta Serrano, Universidad del Norte, Colombia

Recipient Razon Chandra Saha from Bangladesh commented, "I was lucky to get such a great opportunity to attend I-NUF. Visiting the Port of Long Beach to see the AGV operations at a container terminal as well as meeting with transportation experts added value to my PhD studies." Recipient Anan Sutaria from Belgium said, "I-NUF broadened my perspective in the area of urban logistics. It was very interesting to meet other young researchers and to learn about their research." Recipient Jackeline Murillo Hoyos from Colombia remarked, "Attending the I-NUF Conference was a great opportunity for interacting with the multiple agents related to urban freight and having a firsthand overview of potential solutions to enhance urban freight requirements."

Genevieve Giuliano Presents PSR at the University Transportation Centers Spotlight Conference in Washington, D.C.

Director Genevieve Giuliano presented the accomplishments of the Pacific Southwest Region 9 University Transportation Center (PSR-UTC) in Washington, D.C. at the University Transportation Centers (UTC) Spotlight Conference. The one-day conference on May 14, 2019 highlighted the work of UTCs from across the nation.

The conference was held at two locations: a morning session took place in the US Senate offices, and an afternoon session was held in the US House offices. Each session included featured speakers, a series of short presentations from various UTC Directors, and a poster session. The poster sessions provided the opportunity to discuss each UTC's activities with congressional staff. The posters featured information regarding ongoing research, education, tech transfer, workforce development activities, and the needs of the transportation community.

Giuliano's poster provided a summary of the PSR's key accomplishments over the past two years. It highlighted research examples around the

themes of the Center and featured its comprehensive student engagement and workforce development programs.

The UTC Spotlight Conference also featured Congressional panels, in which staff members from Senate authorizing committees provided an update on the status of the FAST Act reauthorization.

Congressman Earl Blumenauer, a longtime advocate and supporter of the University Transportation Centers program, served as keynote speaker. Representing the 3rd Congressional District of Oregon, including Portland and its suburbs, Representative Blumenauer serves on the House Ways & Means Committee and is considered the resident expert on transportation policy and funding issues.

The UTC Spotlight Conference was co-hosted by the Council of University Transportation Centers (CUTC) and the Research, Education, and Training Reauthorization Coalition (RETRC).

PSR RESEARCH

PSR UTC Student of the Year: Sue Dexter



Sue Dexter

Sue Dexter has been selected as the PSR UTC Outstanding Student of the Year. This is the 22nd year for the METTRANS/PSR Student of the Year award. Dexter is a PhD student at the University of Southern California's Sol Price School of Public Policy focusing on land use and transportation with an emphasis on goods movement. She holds a master's degree from the London School of Economics in Operations Research with an emphasis on Network Optimization. She is also an ENO Fellow. Prior to starting her studies, she was a Program Manager at Toyota Motor North America for 26 years where she specialized in large-scale distribution and system development projects.

Dexter's interest in researching sustainable urban freight stems from her concern for the environment, numerous years working in logistics, and living near the largest port complex in the United States. Dexter is currently working on several research projects studying alternative fuel heavy-duty cargo vehicles and hopes to investigate the most effective strategies for reducing greenhouse gases in the freight sector for her dissertation. In addition to her PhD studies, Dexter is a Lecturer and Capstone Advisor for CSULB's Global Logistics Professional program, teaches an undergraduate course at the CSULB College of Business, and serves on the Advisory Board for Cabrillo High School's Academy of Global Logistics (AGL) program.

The UTC Outstanding Student of the Year Award is awarded to exceptional students at university transportation centers throughout the US. The PSR recipient receives a monetary award and a sponsorship to attend the Transportation Research Board (TRB) Annual Meeting where the Outstanding Students of the Year are honored. Dexter attended TRB last January not only as an honoree but also as a presenter. Congratulations Sue Dexter!

Three Additional PSR Student of the Year Recipients

In 2019, PSR for the first time recognized other worthy students across the PSR network for their outstanding scholarship and other achievements. These recipients are invited to attend the PSR Annual Congress which this year takes place in Honolulu, Hawaii.

- Emmanuel James received the PSR Outstanding Masters Student of the Year Award. James is a Graduate Research Assistant in the NAU Department of Civil Engineering, Construction Management, and Environmental Engineering. He is pursuing an MS in Civil Engineering with a focus in transportation safety and operations.
- Danielle Dirksen received one of two PSR Outstanding Undergraduate Student of the Year Awards. Dirksen is majoring in Urban Studies and Planning at the University of Southern California Price School. In addition to her studies, she is the publisher of the METRANS PSR weekly newsletter METRANS on the Move and she is an intern at Metrolink.
- Nicholas Roy is the recipient of the other PSR Outstanding Undergraduate Student of the Year Award. Roy has been a researcher at Goldman Sachs and at the D.C.-based non-partisan research think tank, Resources for the Future. He is working on a double major in applied math and economics with a minor in philosophy at CSULB. He also works as a research assistant at the Center for International Trade and Transportation. He is an IANA scholar (Intermodal Association of North America) and his IANA-funded work on port disruptions was recently awarded first place in the CSULB Student Research Competition.



Emmanuel James



Danielle Dirksen



Nicholas Roy

PSR OUTREACH

O'Brien and Reeb Write Op-Ed Piece for Eno Center for Transportation

CITT Executive Director Thomas O'Brien and CITT Director of Research and Workforce Development Tyler Reeb discuss the importance of transportation resilience in a recent editorial for the Eno Center for Transportation. Reeb and O'Brien reflect on the possible steps industry leaders must take to ensure that the mobility systems that move people and goods remain resilient and viable in the modern transportation industry. The article identifies a need for innovations in secondary and post-secondary education, paired with values that empower the new mobility workforce. "Values like teamwork, customer service,

socioeconomic equality, and environmental stewardship will guide the professionals who will design, develop, operate, and maintain the mobility systems of the future," state Reeb and O'Brien, "It is incumbent upon leaders in education, industry, and government to embrace those same values to empower the new mobility workforce."

Click here to read the article in full. <https://www.enotrans.org/article/a-resilient-transportation-system-needs-a-resilient-workforce/>

METRANS researchers Genevieve Giuliano, Laetitia Dablanc, and Sue Dexter were active participants and presenters at this year's MOBILIZE conference held in Fortaleza, Brazil from June 24-26, 2019. MOBILIZE is the annual sustainable transport summit of the Institute for Transportation and Development (ITDP) that brings together urban transport and development practitioners alongside world-class researchers to celebrate best practices and accelerate implementation of sustainable transport projects. Summaries of METRANS presentations are as follows:

- *METRANS Director Genevieve Giuliano* moderated the panel "From Pop-up to Permanent City Fix," where she discussed the increasing need for "complete streets" to accommodate the high demand for delivery trucks in the age of e-commerce. Complete streets are streets designed and operated to safely accommodate all users, including pedestrians, bicyclists, motorists, and transit riders of all ages and abilities. Giuliano also participated as a facilitator of a discussion on "governance of urban change processes" in the Volvo Research and Education Foundation (VREF) Research Network Workshop held the day before MOBILIZE.



Laetitia Dablanc, IFSTTAR

- *Laetitia Dablanc, Director of Research, IFSTTAR, French Institute of Science and Technology for Transport, Development and Networks, University of Paris-East*, moderated the "Innovations and Social Equity" discussion during the VREF Research Network Workshop, asking participants to consider both the benefits and access issues associated with technology's increasing role in mobility systems. She also presented on the role of urban freight at the MOBILIZE round table "Fighting Climate Change with Sustainable Transport."
- *Sue Dexter, USC Price doctoral student in Urban Planning and Development*, participated in the VREF Research Network Workshop and the VREF PhD Students and Younger Researchers Workshop. She reported on preliminary project results from a current project she is working on with Dr. Giuliano and Jiawen Fang entitled "Electric Vehicle Heavy-duty Drayage Trucks: A Case Study on the Impacts of Range on Operational Use in Los Angeles."

Other presentations and break-out sessions at MOBILIZE included "Urban Development that Connects People to Opportunities," "What Makes Buses Work," "Charging Ahead to an Electric Future," and "The Future of Research and Capacity Building." The multi-day event also offered site visits including walking and cycling tours of the city of Fortaleza.

The summit featured dozens of influential speakers from around the world, including keynote speaker Gil Penalosa, founder and chair of the internationally recognized Canadian non-profit organization 80 Cities. The Host Committee for MOBILIZE 2019 included Roberto Claudio Rodrigues Bezerra, Mayor of Fortaleza; Águeda Muniz, Secretary of Urbanism and Environment, City of Fortaleza; Michael Kodranksy, Head of MOBILIZE; and Heather Thompson, Chief Executive Officer, ITDP. "This is my second year attending and by far this is the most interesting and meaningful conference I have attended," said Sue Dexter. "There were several panel presentations that I especially liked, including one by Lisa Bender, Minneapolis City Council President. She spoke about city programs, including their groundbreaking 2040 plan to end single-family zoning citywide. One of the most charming and unique presentations was on Istanbul 95, a project aimed at baby mobility. This project looks at the city streets from the height of a 3-year-old (who stands 95 cm tall--hence the name)."

Fortaleza, Brazil was recognized with the 2019 Sustainable Transport Award (STA) for their continuing work in creating a more sustainable city, with increased access to public transportation, the prioritization of pedestrians, and the implementation of a cycling infrastructure. The city has implemented over 108 km of dedicated bus lanes and 225 km of cycling infrastructure. Deaths from traffic collisions have also been reduced from 14.66 (per 100,000) in 2014 to 9.71 in 2017 due to the narrowing of roads, reduced speed limits, raised intersections for crossing pedestrians, and an overall redesign of the city's intersections.

Each year the ITDP and the STA Committee selects a new city that exemplifies innovation in its implementation of sustainable transportation practices the following year. These practices help to improve mobility, reduce air pollution, and improve cyclist and pedestrian safety. The winning city and honorable mentions are honored at a ceremony held in Washington D.C. in January. The winning city will then go on to host the MOBILIZE summit later on that year.

MOBILIZE gives transport professionals and researchers from around the world an opportunity to experience the STA winning city as a learning lab with lessons on how to get world class projects implemented. Interaction between researchers and practitioners foster greater global resource allocation toward the goals of making streets, transport systems, and cities the best possible places for people.

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To learn more about MAP and its benefits, see www.metrotrans.org/metrans-associates-program



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