



Transportation Science Society of the Philippines

c/o National Center for Transportation Studies

University of the Philippines, Diliman, Quezon City, Metro Manila, Philippines

Tel.: (63-2) 8981-8500 local 3554 Email: tssp.ncts@gmail.com Website: <http://ncts.upd.edu.ph/tssp>

Transportation Science Society of the Philippines

27th Annual Conference

In partnership with the

Philippine Institute of Civil Engineers (PICE)

and the

U.P. National Center for Transportation Studies (UP-NCTS)

Theme: "Imagining a Post-Covid Transportation Landscape"

November 19, 2021

Virtual Conference

PROGRAM

CONFERENCE PROPER	
Please register: https://tinyurl.com/5f23fdd7	
8:30 – 9:00 AM	Acceptance of participants to the virtual conference plenary sessions
9:00 – 9:30 AM	<u>Opening Program:</u> - Invocation - National Anthem - Opening Remarks: Dr. Ricardo DG. Sigua President, TSSP
9:30 – 9:45 AM	<u>Conference Program Orientation:</u> Dr. Jose Regin F. Regidor Chair, Conference Organizing Committee
9:45-11:00 AM	<u>Policy Roundtable Discussion:</u> Theme: "Public Transport Reforms in Transition: Policy Lessons and Prospects on Competition, Consolidation and Contracting for the Philippine Road-based Public Transport Sector" Discussants: <ol style="list-style-type: none">1. RTD Framework - Dr. Noriel Christopher C. Tiglao2. Trifecta of Competition, Ownership and Regulation in PT Reforms- Mr. Rene S. Santiago3. The Cebu BRT Experience - Mr. Nigel Paul C. Villarete4. Local Public Transport Route Plan (LPTRP) - Mr. Joemier D. Pontawe5. Bus Competition and EDSA Busway – Mr. Johan G. Martinez Moderator: Dr. Marie Danielle V. Guillen
11:00 - 12:00 NN	Open Forum
12:00 - 1:30 PM	<i>Lunch Break</i>



Transportation Science Society of the Philippines

c/o National Center for Transportation Studies

University of the Philippines, Diliman, Quezon City, Metro Manila, Philippines

Tel.: (63-2) 8981-8500 local 3554 Email: tssp.ncts@gmail.com Website: <http://ncts.upd.edu.ph/tssp>

1:30 – 4:30 PM	<i>Technical Sessions:</i> Zoom link to be provided to members, authors and invited persons	
1:30 - 3:00 PM	<p>Technical Session 1 – Public Transportation [Chair: Dr. Alexis M. Fillone]</p> <ul style="list-style-type: none"> • Impact of the COVID-19 Pandemic on the Operations of Transportation Network Vehicle Services (TNVS) in Metro Manila • Service Contracting Program for Public Transportation in the Philippines during the COVID-19 pandemic: Initial Evaluation and Policy Implications • Examining the Implementation of the Public Utility Vehicle Modernization Program (PUVMP) in General Santos City, Philippines: An Industry Perspective • Public Transport Innovations in the Time of Covid-19: Crowdsourcing and Bus Telematics for Promoting Fuel Efficiency and Eco-Driving Practices on the EDSA Busway 	<p>Technical Session 2 – Maritime and Air Transportation [Chair: Dr. Anabel A. Abuzo]</p> <ul style="list-style-type: none"> • Factors Affecting Satisfaction in an Inter-Island Multiport System in Leyte-Cebu and Predicting Passenger’s Port and Mode Choice using Decision Tree Algorithm • Estimation of Philippine Domestic Maritime Transportation Energy Demand • The Efficiency of Baseports in the Philippines based on Data Envelopment Analysis: Benchmarks and Target Improvements • Bottom-up Estimation of GHG Emissions from Philippine Domestic Air Transportation
3:00 - 3:15 PM	Break	
3:15 - 4:30 PM	<p>Technical Session 3: Transport Planning [Chair: Dr. Jose Regin F. Regidor]</p> <ul style="list-style-type: none"> • Estimating the Transport Urban Carrying Capacity of a City • Relationship of Income and Number of Transfers to Mode Choice in Metro Manila • Estimating the Potential Passenger Demand of a Proposed Aerial Ropeway Transit System along Katipunan Avenue, Quezon City 	<p>Technical Session 4: Transport & Technology [Chair: Dr. Hilario Sean O. Palmiano]</p> <ul style="list-style-type: none"> • Review on the Transport S&T Projects under the Department of Science and Technology (DOST) • Identifying Suitable Locations of Electric Vehicle (EV) Chargers in Quezon City using Geographic Information System (GIS) • An Exploratory Study on GIS-based Suitability Analysis of Tertiary Hospitals in Quezon City from the Transportation Perspective • Developing an Economic Assessment Tool for the LGUs: Introducing the Transportation Infrastructure Impacts Calculator
4:30 – 5:00PM	<p><u>Concluding Program:</u> Summary & Announcements</p> <p>Closing Remarks - Dr. Karl B.N. Vergel Vice President, TSSP</p>	