



Transportation Science Society of the Philippines

c/o National Center for Transportation Studies, University of the Philippines,
Diliman, Quezon City Tel/Fax: 928-8305

23rd Annual Conference

Theme: “What Gets Measured, Gets Managed: Transportation, Data and Statistics”

August 8, 2016

National Center for Transportation Studies,
University of the Philippines Diliman, Quezon City

PROGRAM

Time	Activity
0800–0900	Registration
0900–0930	Opening Program <ul style="list-style-type: none"> - National Anthem - Invocation - Welcome Remarks <ul style="list-style-type: none"> o Dr. Reynaldo B. Ve President, TSSP
0930–1000	Introduction of the Keynote Speaker Keynote Speech <ul style="list-style-type: none"> - Hon. Anneli R. Lontoc Undersecretary for Road Transport and Infrastructure Department of Transportation
1000–1030	Break
1030–1130	Panel Discussion [Moderator: Dr. Ma. Sheilah G. Napalang] Theme: Road Safety Data: Issues, Challenges and Opportunities <ul style="list-style-type: none"> - Asst. Sec. Dante Lantin, DOTC - Engr. Marites Reyes, DPWH - Mr. Alberto Suansing, PGRSP - Dr. Ricardo Sigua, UP Diliman
1130–1200	Open Forum
1200–1330	Lunch
1330–1500	Technical Session 1A Transport Modes/Safety [Chair: Dr. Cresencio M. Montalbo, Jr.] <ul style="list-style-type: none"> • Investigating the relationship between housing affordability and mobility in Metro Manila, Philippines [Abad, R.P., Fillone, A.M., Banister, D., Hickman, R., Biona, J.B.M.M.] • Identifying the Determinants of Walkability and Use of Non- Motorized Transport in a Medium-Sized City: The Case of Iloilo City, Philippines [Cameña, J.P., and Castro, J.T.] • Comparative Study of Uber and Regular Taxi Service Characteristics [Nistal, P.D., and Regidor, J.R.F.] • Comparative Analysis of Transportation Network Companies (TNCs) and Conventional Taxi Services in Metro Manila [Paronda, A.G.A., Regidor, J.R.F., and Napalang, M.S.G.] • Choice Analysis of Access and Egress Mode: Use the Pedicab or Walk [Bongulto, J.R.D., Ponce, J.V.J., De La Paz, L. A. G., Vega, M.A.C., and Fillone, A.M.] • Philippine Air Transport Safety: Analysis of Incidents over the Last Two Decades [Cruz, G.S.P., and Sigua, R.G.]



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	<p>Technical Session 1B Transport Modeling/Simulation [Chair: Dr. Hilario Sean O. Palmiano]</p> <ul style="list-style-type: none"> • Comparison of Simple Gap Acceptance Method and Gap Forcing Method in Estimating the Capacity of Single Lane Streams at Simple Intersections [Ladaga, A.S., and Sigua, R.G.] • Application of Artificial Neural Network to Trip Attraction of Condominiums in Metro Manila [Roxas, N.R. and Fillone, A.M.] • Calibration of the Gravity Model for Estimation of UPLB Employee Trips using Origin-Destination Data [Cleofas, I.C.V. and Sundo, M.B.] • Calibrating Relative Velocity and Lateral Clearance Parameters of a Lane Changing Model for Traffic Microsimulation [Dimayacyac, E.T., and Palmiano, H.S.O.] • Evaluation of the Runway Capacity of the Ninoy Aquino International Airport [Sawali, F. C. A., Vega, L.V.U., and Palmiano, H.S.O.] • Comparison of Logit and Neural Network Models in Inter- Island Discrete Choice Analysis [Roquel, K.I.D.Z, and Fillone, A.M.]
1500–1515	Break
1515–16:45	<p>Technical Session 2A Transport Planning [Chair: Dr. Marloe B. Sundo]</p> <ul style="list-style-type: none"> • Modeling Impacts of Proposed Mobility and Accessibility Interventions in Intramuros, Manila [Bagabaldo, A.R.B., Uy, F.A.A., and Tiglao, N.C.C.] • Design Considerations for a Major Terminal Facility in Metro Manila [Bayona, M.E.A.C., Cano, S.M., Dagdagan, M.M.Y., Valeda, C.C.M., and Fillone, A.M.] • Assessment of Localized Congestion on the Roads of the Ninoy Aquino International Airport 3 (NAIA 3), Pasay City, Manila [Carandang, C.C.P., Cruz, N.E.G., Olea, A.J.N., Patiu, A., and Fillone, A.M.] • Implementing an Asset Valuation System for Local Roads in the Philippines [Doroy, N., and McNamara, L.] • Assessment of the Level of Service (LOS) in the Check-In Area of the Ninoy Aquino International Airport Terminal 3 Using IATA Standards [Cedo, C.V.O., and Sundo, M.B.] <p>Technical Session 2B Behavior Modeling [Chair: Dr. Karl N. Vergel]</p> <ul style="list-style-type: none"> • A Study on the Effect of Lane Changing Behavior on the Approach Ramp of a Road Overpass [Aguilar, M., Geronimo, C.R., Belda, A.J., Lamberte, A., and Fillone, A.M.] • Microscopic Modeling of Traffic Management Schemes along Taft Avenue, Manila [Aliping, A.B., Bartolome, A.V.R., Sante, R.A.P., Sulit, E.A.V., and Fillone, A.M.] • Passenger Mode Switching Behavior in the Eleven Stations of the Pasig River Ferry [Blanco, M.C.E.Q., Sanchez, M.B.K.A., and Doroy, N.B.] • Analysis of the Effect of a Traffic Discipline Zone on Vehicular Flow along Estrada Street from Singalong Street to Taft Avenue [De Leon, E.S.S., Tan, A.E.R., Nasol, Y.F.L., Vergel De Dios, L.P.M., and Paringit, M.C.R.] • Characterizing Student Travel Behavior During Heavy Rainfall and Flooding [Ibasco, L.S.S., and Fillone, A.M.]
1645–1730	Concluding Program
1730–1900	TSSP General Assembly

Notes: Technical sessions will be parallel sessions to be held at the Toyota Training Room and Room D.