



# Transportation Science Society of the Philippines

c/o National Center for Transportation Studies  
University of the Philippines, Diliman, Quezon City  
Telefax(02) 928-8305 Website: <http://ncts.upd.edu.ph/tssp>

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## Transportation Science Society of the Philippines 25th Annual Conference

*Theme: "Enhancing Disaster Preparedness & Resilience Through Transportation Engineering and Planning"*

July 26-27, 2018

Venue: Southeast Asia Rural Social Leadership Institute (SEARSOLIN),  
Xavier University, Cagayan de Oro City

Time	Activity
<b>DAY 1: WORKSHOP FOR YOUNG RESEARCHERS - July 26, 2018</b>	
The workshop is intended for undergraduate and graduate students currently doing research in transportation. It aims to provide the participants: 1) Appreciation of career opportunities and challenges in the transport sector; and, 2) Practical guidance on conducting researches; 3) Venue to facilitate collaborations and linkages of research students and academic institutions.	
8:00-9:00 AM	Registration
9:00-9:15 AM	Welcome remarks: Dr. Alexis Fillone, President, TSSP
9:15-9:45 AM	Talk 1: Importance of Research Dr. Ricardo G. Sigua
9:45-10:15 AM	Talk 2: Practical Guidance on the conducting of researches Mr. Marc Hasselwander, PhD student, University of Coimbra
10:15-10:30 AM	Coffee Break
10:30 – 11:00AM	Talk 3: How to get published (Research publication do's and don'ts) Mr. Michael Miller
11:00-11:30AM	Q&A
11:30-12:45 PM	Lunch
12:45-1:00 PM	Announcement of Work Groups For workshop 3: key learnings and gaps to be addressed
1:00 – 2:15 PM	Workshop 1: Mentoring on Abstract Development (Dr. Hilario Sean O. Palmiano)
2:15 -3:30 PM	Workshop 2: Mentoring on Research Paper Outline Development (Dr. Alexis Fillone)
3:30 – 4:00PM	Workshop 3: Key learnings and future agenda (Dr. Anabel Abuzo)
4:00 – 5:00 PM	Talk: 'Career Opportunities and Challenges' in Transportation - Atty. Martin Delgra, En. P., Chairman, LTFRB - Dr. Cresencio M. Montalbo, Jr., UP Diliman - Ms. Avalyn Cahulogan
5:00 – 5:30 PM	Conclusion/Distribution of Certificates of Attendance to participants



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<b>DAY 2: CONFERENCE PROPER – July 27, 2018</b>		
8:00-9:00 AM	Registration	
9:00-9:30 AM	Opening Program - National Anthem - Invocation - Welcome Remarks [President, Xavier University] - Opening Remarks [City Mayor, Cagayan De Oro City]	
9:30 - 10:15 AM	Introduction of the Keynote Lecturer: Dr. Alexis Fillone Keynote Lecture: <b>“Research Needs to Prepare for National Disaster in Transport Sector – on the Experience of the Great East Japan Earthquake”</b> - Prof. Atsushi Fukuda, Nihon University, Japan	
10:15-10:30 AM	Break	
10:30-11:30 AM	Panel Discussion/Presentation Theme: <b>“Enhancing Disaster Preparedness &amp; Resilience Through Transportation Engineering and Planning”</b> - Invited presentations and reactions from National Agencies, Local Government, Private Sector and Academe	
11:30 - 12:00 NN	Open Forum	
12:00 - 1:30 PM	Lunch <i>[Membership Meeting and Election of Board of Directors – Regular and Lifetime Members in Attendance]</i>	
1:30 - 3:00 PM	<b>Technical Session 1: Public Transportation 1</b> <b>[Chair: Dr. Cresencio M. Montalbo Jr.]</b> <ul style="list-style-type: none"> <li>▪ Assessing the Implementation Arrangements for a City Bus Transport System through a Hybrid PPP Model: The Case of the Pasig City Bus Service (TSSP2018-15)</li> <li>▪ Determination of Appropriate Public Transportation Mode for a University Transit Route in Accordance with the Omnibus Franchising Guidelines (TSSP2018-16)</li> <li>▪ Examining the Factors of Modal Shift to P2P Bus Service (Masinag-Greenbelt 5) (TSSP2018-18)</li> <li>▪ Assessing Walkability in the City of Tacloban (TSSP2018-11)</li> </ul>	<b>Technical Session 2: Human, Vehicle and Traffic Flow Characteristics</b> <b>[Chair: Dr. Ricardo G. Sigua]</b> <ul style="list-style-type: none"> <li>▪ Resilience Assessment of Freight Transport Optimization Programs for the Philippine Greater Capital Region (TSSP2018-04)</li> <li>▪ Impacts of Different Rainfall Intensities on Key Traffic Flow Parameters at North Luzon Expressway Using Underwood’s Exponential Model (TSSP2018-09)</li> <li>▪ Road Capacity Imbalance at Exit Points of the Metro Manila Skyway and Adjoining Roads (TSSP2018-12)</li> <li>▪ Factors Influencing Motorcycle Accident Severity in Commonwealth Avenue, Quezon City, Philippines (TSSP2018-02)</li> </ul>
3:00 - 3:15 PM	Break	
3:15 - 4:45 PM	<b>Technical Session 3: Mode and Route Choice Analysis</b> <b>[Chair: Dr. Hilario Sean O. Palmiano]</b> <ul style="list-style-type: none"> <li>▪ Mode Choice Analysis of</li> </ul>	<b>Technical Session 4: Public Transportation 2</b> <b>[Chair: Dr. Hussein S. Lidasan]</b> <ul style="list-style-type: none"> <li>▪ Mode of Public Transportation in</li> </ul>



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	Commuters in Intramuros, Manila <i>(TSSP2018-03)</i> <ul style="list-style-type: none"> <li>▪ Joint Model of Private Passenger Vehicle Type Ownership and Fuel Consumption in Metro Manila: Analysis and Simulation of Discrete-Continuous Choice Model <i>(TSSP2018-14)</i></li> <li>▪ Determining the Value of Time for a Proposed Expressway Along C-5 <i>(TSSP2018-01)</i></li> <li>▪ Factors affecting travel behavior during flood events in Metro Manila, Philippines <i>(TSSP2018-06)</i></li> </ul>	Cotabato City <i>(TSSP2018-10)</i> <ul style="list-style-type: none"> <li>▪ Operational Characterization of Habal-habal in Selected Municipalities in North Cotabato <i>(TSSP2018-08)</i></li> <li>▪ Examining the Potential Significance of Industry Consolidation and Fleet Management in Implementing the DOTr's PUV Modernization Program: A Case Study of 1TEAM <i>(TSSP2018-17)</i></li> </ul>
4:45 – 5:30PM	Awarding for Best Paper and Presentation Announcement on New Board of Directors Induction of New Members Closing Remarks <ul style="list-style-type: none"> <li>- Dr. Alexis M. FILLONE President, TSSP</li> </ul>	