

Session Table in EASTS 2015 at Cebu, Philippines

		R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	Poster
9/11(Fri.) 1315-1430	(1) Pavements and Road Maintenance (1)	(13) Driving Behavior (1)	(25) Travel Behavior Analysis (1)	(37) Pedestrian and Bicycle (1)	(49) Freight Transportation and Logistics (1)	(61) Travel Behavior Analysis (2)	(73) Intelligent Transportation Systems (2)	(85) Air and Water Transportation Policy (1)	(96) Travel Behavior Analysis (4)				I (1415-1515)
9/11(Fri.) 1445-1600	(2) Pavements and Road Maintenance (2)	(14) Driving Behavior (2)	(26) Travel Demand Modeling (1)	(38) Pedestrian and Bicycle (2)	(50) Freight Transportation and Logistics (2)	(62) Travel Demand Modeling (3)	(74) Survey and Data Collection (1)	(86) Air and Water Transportation Policy (2)	(97) Public Transport in Asia (1)	(107) Urban and Regional Planning (1)			
9/11(Fri.) 1615-1730	(3) Pavements and Road Maintenance (3)	(15) Intelligent Transportation Systems (1)	(27) Travel Demand Modeling (2)	(39) Pedestrian and Bicycle (3)	(51) Freight Transportation and Logistics (3)	(63) Travel Behavior Analysis (3)	(75) Capacity and Traffic Flow Analysis (1)	(87) Transportation Planning and Policy in Asia (1)	(98) Public Transport in Asia (2)	(108) (IRG-18 -2012)Strategies for a Sustainable Transportation Path for Small- and Medium-sized			
		R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	Poster
9/12(Sat.) 0900-1015	(4) Pavements and Road Maintenance (4)	(16) Accident and Safety (1)	(28) Travel Behavior Analysis (5)	(40) Urban and Regional Planning (2)	(52) Freight Transportation and Logistics (4)	(64) Travel Behavior Analysis (6)	(76) Driving Behavior (3)	(88) Transportation Project Evaluation (1)	(99) Bus Operation and Planning (1)	(109) (IRG-22-2013)Integratec sign systems for non-motorized transport and transit users -			II (1000-1100)
9/12(Sat.) 1030-1145	(5) Pavements and Road Maintenance (5)	(17) Accident and Safety (2)	(29) Transportation Planning and Policy in Asia (2)	(41) Urban and Regional Planning (3)	(53) Freight Transportation and Logistics (5)	(65) Transportation Planning and Policy in Asia (3)	(77) Urban and Regional Planning (4)	(89) Transportation Planning and Policy in Asia (4)	(100) Bus Operation and Planning (2)	(110) (IRG-15-2009) Sustainable Transport Futures for Cities in Asia and the Pacific: Trends and Prospects of Indigenous Transport in Climate Change Adaptation			
(Lunch)													
9/12(Sat.) 1315-1430	(6) Pavements and Road Maintenance (6)	(18) Accident and Safety (3)	(30) Capacity and Traffic Flow Analysis (2)	(42) Pedestrian and Bicycle (4)	(54) Freight Transportation and Logistics (6)	(66) Travel Behavior Analysis (7)	(78) Public Transport in Asia (6)	(90) Energy and Environment (1)	(101) Transportation Planning and Policy in Asia (5)	(111) Public Transport in Asia (8)	(117) SS1: High Speed Railway & Regional Economic Development		III (1415-1515)
9/12(Sat.) 1445-1600	(7) Pavements and Road Maintenance (7)	(19) Accident and Safety (4)	(31) Traffic Simulation	(43) Public Transport in Asia (4)	(55) Air and Water Transportation Policy (3)	(67) Public Transport in Asia (5)	(79) Survey and Data Collection (2)	(91) Energy and Environment (2)	(102) Transportation Planning and Policy in Asia (6)	(112) Transportation Planning and Policy in Asia (7)	(118) SS2: Institutions for Railway Development in Asian Cities: Prospects for PPP		
9/12(Sat.) 1615-1730	(8) Traffic Management and Control (1)	(20) Accident and Safety (5)	(32) Public Transport in Asia (3)	(44) Pedestrian and Bicycle (5)	(56) Air and Water Transportation Policy (4)	(68) Urban and Regional Planning (5)	(80) Survey and Data Collection (3)		(103) Public Transport in Asia (7)	(113) (IRG-24-2013)Viability of Public Transport Harmonizing System with Para-Transit Modes -			
		R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	Poster
9/13(Sun.) 0900-1015	(9) Traffic Management and Control (2)	(21) Driving Behavior (4)	(33) Driving Behavior (6)	(45) Transportation Project Evaluation (2)	(57) Freight Transportation and Logistics (7)	(69) Transportation Planning and Policy in Asia (8)	(81) Travel Behavior Analysis (8)	(92) Energy and Environment (4)	(104) Public Transport in Asia (9)	(114) Freight Transportation and Logistics (8)			IV (1000-1100)
9/13(Sun.) 1030-1145	(10) Capacity and Traffic Flow Analysis (3)	(22) Driving Behavior (5)	(34) Capacity and Traffic Flow Analysis (4)	(46) Pricing	(58) Robust and Resilient Transportation (1)	(70) Energy and Environment (3)	(82) Transportation Project Evaluation (3)	(93) Tourism	(105) Terminal Planning	(115) (IRG-17-2011) Logistics in Asia: Interdependent Supply Chain and Advancement of Intelligen			
(Lunch)													
9/13(Sun.) 1315-1430	(11) Capacity and Traffic Flow Analysis (5)	(23) Capacity and Traffic Flow Analysis (6)	(35) Capacity and Traffic Flow Analysis (7)	(47) Transportation Planning and Policy in Asia (10)	(59) Robust and Resilient Transportation (2)	(71) Transportation Planning and Policy in Asia (11)	(83) Historical Studies and International Cooperation (1)	(94) Accident and Safety (7)	(106) Public Transport in Asia (10)	(116) WCTR & EASTS Joint Special Session: Disaster Resilience in Transport	(119) SS3: Building Sustainable Urban Logistics System in East Asia		
9/13(Sun.) 1445-1600	(12) Traffic Management and Control (3)	(24) Accident and Safety (6)	(36) Transportation Planning and Policy in Asia (9)	(48) Parking Policy	(60) Robust and Resilient Transportation (3)	(72) Travel Demand Modeling (4)	(84) Historical Studies and International Cooperation (2)	(95) Accident and Safety (8)					

Oral presentations

Session No. / Topic		Room	Date
Paper No.	Title	Presenter	Authors
(1) Pavements and Road Maintenance (1)		R1	9/11(Fri.) 1315-1430
PP1124	Laboratory Evaluation of Clogging Behavior of Pervious Concrete Pavements	Tien F. Fwa	Tien Fang Fwa, Ph.D.; Emiko Lim Kiang H. Tar
PP1151	The Effect of Material Variation to Pavement Performance	Ming-Lou Liu	Ming-Lou Liu, Ph.D.
Chair PP1548	Comparison of Overlay Design Analysis Using Mechanistic and Mechanistic Empirical Methods. Case Study: North Java Corridor (Sewo-Pamanuka	Bambang Sugeng Subagio	Bambang Sugeng SUBAGIO, Ph.D Faisal Gerardo; Indrayati Subagi
(2) Pavements and Road Maintenance (2)		R1	9/11(Fri.) 1445-1600
PP1271	Predicting Bonding Condition Between Asphalt Pavement Layers from Measured and Computed Deflection using Layer Moduli Backcalculation	Eri Susanto Hariyadi	Eri Susanto Hariyadi, Ph.D.; Retno Utami
PP1372	Evaluation of Strontium Aluminate in Traffic Paint Pavement Markings for Rural and Unilluminated Road	Riches Bacero	Riches Bacero, MSCE
Chair PP1187	Preliminary Assessment of the Newly Developed Mobile Acceleration Pavement Testing	Ludfi Djakfar	Ludfi Djakfar, Ph.D.; Hari Murti; Yuli Zaika
(3) Pavements and Road Maintenance (3)		R1	9/11(Fri.) 1615-1730
PP1529	Effects of Loading Sequence and Loading Amplitude on the Fatigue Damage of Asphalt Mixture	Chuanhao ZHENG	Chuanhao ZHENG
PP1204	Estimating Road Roughness Conditions Using Ubiquitous Smartphones and Geographic Information Systems and its Application to Road Network Planning in the Philippines	Joel F. Cruz	Joel F. Cruz; Jun Taberna Castro, Ph.D.
Chair PP1231	Performance Evaluation of Asphalt Pavements Mixed with Steel Slag	Jian-Shiuh Chen	Jian-Shiuh Chen; Shih-Hsiu Wei
(4) Pavements and Road Maintenance (4)		R1	9/12(Sat.) 0900-1015
PP1226	DEVELOPMENT OF POROUS PAVEMENT STRUCTURE FOR REDUCING SURFACE WATER	Mehrtash Soltani	Yee Poh Li; Mehrtash Soltani; Tahe Baghaee Moghaddam; Mohamed Rehan Karim; Shatirah Akit
PP1374	Performance of Warm Mix Asphalt Concrete Binder Course (AC-BC) on Reclaimed Asphalt Pavement	Bambang Sugeng Subagio	Bambang Sugeng SUBAGIO, Ph.D
Chair PP1122	Use of Multiple Stress Creep Recovery Test to Evaluate the Rheologic Properties of Malaysian Short-Term Aged Asphalt Binder	Noor Halizah Abdullah	Noor Halizah Abdullah, MSc; Meo Othman Hamzah
(5) Pavements and Road Maintenance (5)		R1	9/12(Sat.) 1030-1145
PP1405	State of Pavement Engineering in the Philippines and Implications on the Economic Life of National Road	Jose Regin Regidor	Maria Sheilah Napalang; Jose Regin I REGIDOR, Dr.Eng.; Nathaniel Diol
PP1198	Development of Asphalt Pavement Temperature Profile Model for Tropical Climate Conditions in the Eastern Bali Region, Indonesia	Bambang Sugeng Subagio	Bambang Sugeng SUBAGIO, Ph.D
Chair PP1136	Evaluating Hydroplaning Potential of Rutted Highway Pavements	Tien F. Fwa	Tien Fang Fwa, Ph.D.; Longjia Chu Ghim P. Ong
(6) Pavements and Road Maintenance (6)		R1	9/12(Sat.) 1315-1430
PP1327	Pavement Distress Evaluation Using Pavement Condition Index around Ago Market, Barangay Lapsan, Cagayan de Oro City	Risa Gwen J. Martinez	Risa Gwen Jacquéz Martinez; Anabe Abuzo
PP1266	Design and Development of Passenger Terminal Extension of Clark International Airport	Mapua Institute of Technology	Jocelyn Buluran
Chair PP1354	Numerical Approach of Defining Temperature Gradient in Runway Pavement Layers	Ervina Ahyudanari	Ervina Ahyudanari; Nasir Shafic Ibrahim Kamaruddin
(7) Pavements and Road Maintenance (7)		R1	9/12(Sat.) 1445-1600
PP1493	Road Construction and Maintenance Works in Nepal.	Sharad Shrestha	sharad shrestha
PP1579	Piloting a Community-Based Routine Maintenance Contract for Provincial Roads in Guimaras, Philippines	Nelson Doroy	Nelson Boysillo Doroy, M.A. in Transportation Planning; Hussein Lidasan; Evan Arias; Ramilo Villasi
Chair PP1163	Optimal Patrol Planning Using STEN for Road Maintenance	Satoshi Sugiura	Satoshi Sugiura; Fumitaka Kurauchi Akiyoshi Takag
(8) Traffic Management and Control (1)		R1	9/12(Sat.) 1615-1730
PP1475	An Analysis of Partially Signalized Roundabout using SIDRA6 Software	Hong Ki An	Hong Ki An; Wen Long YUE; Brank STAZIC
PP1309	Evaluating the Effect of Semi-actuated Signal System in Korean National Roadways: Based on a Pilot Project	Jaeyoung LEE	Jae-Yeong Lee; Yoon-Young CHOI Ducknyung KIM; Dong-Ik H
Chair PP1150	Benefits of Coordinated Actuated Traffic Signal Control: A Before-and-After Case Study	Brian Park	Yin Chen; Jeehyung Park; Ilsoo Yun Brian Park
(9) Traffic Management and Control (2)		R1	9/13(Sun.) 0900-1015
PP1129	System Partition of Urban Arterials Based on Bandwidth Maximization	Xiaojun TANG	Xiaojun Tang, Master; Fengmin LAN Shengchuan ZHAO; Lihui ZHANG
PP1560	Traffic Studies Through Academic-Local Government Unit (LGU) Partnership	METODIA M. TRINIDAD	METODIA MAQUILING TRINIDAD, DSDS
Chair PP1364	Traffic Management during Ngaben Funeral Ceremony at Hasanuddin and Thamrin Streets, Denpasar City-Bali	Achmad Wicaksono	Achmad Wicaksono, Ph.D.; Dewa Mad Paramartha Adhi WIBAWA; Nailah FIRDAUSIYAH
(10) Capacity and Traffic Flow Analysis (3)		R1	9/13(Sun.) 1030-1145
PP1577	Analysis of Travel Time Reliability Using Probe Car Data on the Tokyo Metropolitan Area	Takashi ISHIDA	Hitoshi YOSHIZAWA; Takashi ISHIDA; Yasuhiro NONAKA; Yuich Sandy Mae Aujero Gaspay; Takashi Oguchi; Kentaro Wada; Miho Asano-Iry
PP1546	The Potential of the Pre-signals in Improving Traffic Conditions	Sandy Mae Gaspay	Shrinivas Shrikant Arkatkar, PhD Mannilthodi Jabeena; Gaurang Joshi; Kavitha Ravinde
PP1460	Study of Flow Characteristics and Traffic Stream Modelling on Indian Expressway: A Case Study of Mahatma Gandhi Expressway	Gaurang	
(11) Capacity and Traffic Flow Analysis (5)		R1	9/13(Sun.) 1315-1430
PP1238	Speed and Time Headway Distribution under Mixed Traffic Condition	Akhilesh Kumar maurya	akhilesh Kumar maurya; Shreya Dey Sanhita Das
PP1280	PROPOSED DIVERSION ROAD TO IMPROVE TRAFFIC MOVEMENT OF COMMERCIALLY DEVELOPED AREAS IN BACOR CAVITI	Geoffrey Cueto	Geoffrey Lastrilla Cueto
Chair PP1525	Observed Vehicle Operating Speed and Acceleration Characteristics on Four-lane Rural Highway Curve	Jaisung CHOI	Sangyoun KIM; Sungkyu KIM Junhyoung YEON; Jaisung CHOI, Ph.D
(12) Traffic Management and Control (3)		R1	9/13(Sun.) 1445-1600
PP1584	Contractual Control in Construction of Highway and Roads	Sharad Bajracharya	Sharad Bajracharya
PP1159	Exploring the Satisfaction and Importance Influenced by Quality Characteristics for a New Toll System Using Comprehensive Analysis	Ja-zen Kau	Chun-Zin Yang; Ja-Zen Kau; Tin-Yi Lee
Chair PP1294	Web-based versus Paper-based Survey Data: An Estimation of Road Use Value of Travel Time Saving	Hironori Kato	Hironori Kato; Ayanori Sakashita Takayoshi Tsuchiy;

(13)	Driving Behavior (1)	R2	9/11(Fri.) 1315-1430
	PP1400 Psychological Factors Influencing Drivers and Riders Speeding Intentions	Phongphan Tankasem	Phongphan Tankasem, M.D.; Thane SATEENAM; Wichuda SATEENAM
	PP1513 Factors Influencing Red Light Running Behavior: A Study of Socio-econ Characteristics and Geometry of Intersector	Auearree Jensupakarn	Auearree Jensupakarn, M.D.; Kunnawe Kanitpong; Piyapong Jiwattanakulpaisa
Chair	PP1128 The Effect of Accident History and Socio-Economic Groups on Indonesi Motorcycle Rider Behaviour	Leksmono Suryo Putranto	Leksmono Suryo Putranto; Rostian Rostiana
(14)	Driving Behavior (2)	R2	9/11(Fri.) 1445-1600
	PP1537 Automobile Manufacturers, Advertising and Traffic Safety: Case Study From	Dinesh Mohan	Dinesh Mohan, Ph.D.; Abhaya Jha Choy Peng Ng, M.S. Highway an Transportation Engineering; Teik Hua Law; Shaw Voon Wong; Kulanthayan Subramanian
	PP1167 The Rear Seatbelt-Wearing Behavior in Malaysia	Choy Peng Ng	
Chair	PP1253 Driver's Decision Models for Drinking and Driving Behavior	Tu Anh Trinh	Tu Anh Trinh; Thi Thuy An Vo
(15)	Intelligent Transportation Systems (1)	R2	9/11(Fri.) 1615-1730
	PP1353 Acceptability of ISA Based on a Field Experiment and a SP Survey: Analyses from a Standpoint of Traffic Calming	Kojiro Matsuo	Kojiro Matsuo, Dr. Eng.; Yasuhiro Mimura; Motohiro Yamazaki; Komei Kanno; Mitsuru Sugihara; Yasuhiro
	PP1515 Event Detection Using Adaptive Neuro Fuzzy Inference System for a Publ Transport Vehicle	Cristina Dadula	Cristina Dadula; Elmer Dadios
	PP1514 Innovative Collection of Road and Traffic Data for Road Safety Audit	Aileen Mappala	Aileen MAPPALA; Ricardo SIGUA
(16)	Accident and Safety (1)	R2	9/12(Sat.) 0900-1015
	PP1300 Speed Characteristics of Vehicles on Highway Work Zones in the Presence Rumble Strips	Geetam Tiwari	Sumeet Gupta, M. Tech. (Transportation Engg.), B.E. (Civil); Geetam Tiwar
	PP1417 Long-term Effectiveness of Sinusoidal Hum - Focusing on the Acceptabilit of Local Residents	Masaki Kamada	Masaki Kamada; Aya Kojima; Nguye Hoang-Tung; Hisashi Kubot
Chair	PP1360 Study on Safety of Railway/Highway Grade Crossings in the Philippines	Ricardo Sigua	Albie F. CLARITO; Beverly Ma; RAMOS; Ricardo SIGUA
(17)	Accident and Safety (2)	R2	9/12(Sat.) 1030-1145
	PP1344 An Analysis of Pedestrian Traffic Safety in Public School Zones in Cagayan Oro City	Jefferson R. Vallente Jr.	Jefferson Jr. Ramos Vallente, B.Sc. Fervenc Cabugao; Anabel Abuz
	PP1391 Motorcycle Accident-Prone Types at Intersections and Innovati Improvement Design Guideline	Tien-Pen Hsu	Tien-Pen Hsu; Ku-Lin Wen
Chair	PP1578 Preparedness and Action towards a Safer Road Transport and Travel System Nepal	Indra P TIWARI, PhD	Indra P TIWARI, PhD
(18)	Accident and Safety (3)	R2	9/12(Sat.) 1315-1430
	PP1126 Traffic Accident Analysis of Sun Glare and Twilight Shortly Before and at Sunset in Chiba Prefecture, Japa	Kenji HAGITA	Kenji HAGITA; Kenji Mori
	PP1423 Factors Affecting the Severity of Motorcycles Accidents and Casualties Thailand by Using Probit and Logit Mode	Santosh Baral	Santosh Baral, Master; Kunnawe Kanitpong
Chair	PP1526 Fuzzy Logic-Based Multi-hop Routing for Vehicular Ad-Hoc Networks	Joel C. Delos Angeles	Joel Cruz Delos Angeles, B.S.
(19)	Accident and Safety (4)	R2	9/12(Sat.) 1445-1600
	PP1575 Identification of Hazardous Road Locations or Black Spots on Dhaka-Bari National Highway	Dr. Farzana Rahman	Rahman Farzana, PhD; Fayaz UDDIN Md. Mostafizur RAHMAN; Md. Arifu Jerome Nalian Ballarta; Nelson Doroy Ishtar Padoo; Cecil Villanuev;
	PP1523 Accident Hotspot Mapping in Quezon City: The case of Katipunan Avenue	Jerome Ballarta	
Chair	PP1586 Development of Traffic Accident Prediction Models using Traffic and Ro Characteristics: A Case Study from Sri Lank	Sivakumar. T	Thillaiampalam SIVAKUMAR, D.Eng M.Eng, BSc in Eng., Dinush;
(20)	Accident and Safety (5)	R2	9/12(Sat.) 1615-1730
	PP1258 Analysis of Factors Affecting the Severity of Motorcycle Casualties in Phnc Penh Using Bayesian Approach	Kunnawee Kanitpong	KUNNAWEE KANITPONG; Sam Att Sarm
	PP1227 Occupant risk analysis for guardrail roadside safety barrier systems: Analy and Evaluation of full scale crash test	Mehrtash Soltani	Mehrtash Soltani; Mohamed Rehar Karim; N. H. Ramli Sulon;
	PP1273 Study on the Availability of "Twitter" Data for Forecasting Suspension Time Railway Operator	Makoto FUJII	Makoto Fujiu; Kazuyuki Takada Jyunichi Takayama; Shoichiro Nakayan
Chair	PP1430 The Applications of Generalized Poisson Distribution in Accident Data	Aine Kusumawati	Aine Kusumawati, Ph.D.; Yiik Diew
(21)	Driving Behavior (4)	R2	9/13(Sun.) 0900-1015
	PP1415 Yielding behavior of left turning driver towards pedestrian/cyclist: Impact intersection angle	Hasina Iasmin	Iasmin Hasina; Aya Kojima; Hisasl Kubota
	PP1509 Safety Analysis of Hard Shoulder Running with Empirical Bayes Method and Time-to-Collision.	Jaisung CHOI	Wantaeg KWON; Jaisung CHOI, Ph.D Sungkyu KIM; Dongchan MIN; Sangkyu KIM; Sangyoun KIM
Chair	PP1191 Analysing Self-Reported Risky Behaviours of Motorcyclists in Bali usi Structural Equation Modelling	D.M Priyantha Wedagama	Priyantha Wedagama
(22)	Driving Behavior (5)	R2	9/13(Sun.) 1030-1145
	PP1330 Analysis of Motorcyclist Driving Behavior in Bandung City	Harun al-Rasyid Lubis	Harun al-Rasyid Lubis, Ph.D. Van Truong NGUYEN; Tetsuc SHIMIZU; Xuan Cay Bui;
	PP1338 Develop Models for Traffic Conflict Assessment at Bus Stop Area in 3-Lane Urban Streets in Heterogeneous Traffic	Van Truong NGUYEN	
Chair	PP1205 An Evaluation of Flyover-Improved Intersections: A Case Study of Airport Intersection	Narabodee Salatoon	AUTTAKORN - SALA, Ph.D. Student Pichai Taneeranator
(23)	Capacity and Traffic Flow Analysis (6)	R2	9/13(Sun.) 1315-1430
	PP1252 An Investigation on the Sound Power Level of Vehicles in Makassar City	Muralia HUSTIM	Muralia Hustim, Dr. Eng.; Muhamma Isran Ramli; Sumarni Hamid Al Mitsuru Tanaka, P.E., PTOE; Nobuhiru Uno
	PP1261 Evaluation of Car-Following Input Variables and Development of Three Vehicle Car-Following Models with Artificial Neural Network	Mitsuru Tanaka	
Chair	PP1457 Analysis on Safety Check Behaviors and Vehicle Movements at Roundabout in Japan	Koji SUZUKI	Koji SUZUKI; Soichiro YASUDA Kivoaki MORIMOTC
(24)	Accident and Safety (6)	R2	9/13(Sun.) 1445-1600
	PP1540 Driver Demographic Construct as a Moderator in Modelling Human Ri Factors on Intercity Bus Driver's Behavior	Chien-Hung Wei	Yu-Chin CHEN; Chien-Hung Wei; Li Yuan LIANG
	PP1455 Introduction of Urban Traffic Information System (UTIS) in Korea	Hyunkyung LEE	Cheolsun KIM; Hyunkyung LEE; Hye Chul SHIN; Dongik HA
Chair	PP1237 The Influence Factors Effect on the Insurance Behavior in the Contain Terminal Operation Context	Chaur-Luh, TSAI	Chaur-Luh TSAI, Ph.D.; Ron-Hwa GOA
(25)	Travel Behavior Analysis (1)	R3	9/11(Fri.) 1315-1430
	PP1427 Mending a Metropolis - Understanding Passenger Demand Across Met Manila To Improve Road Transi	Mr Nic Greaves	Nicholas Greaves, BA; Dr Cresenci Montalbo
	PP1133 A Heuristic Solution Algorithm for the Combined Model of the Four Trav Choices with Variable Demanc	Huey-Kuo	Huey-Kuo Chen, Ph.D.

Chair	PP1188	Inter-Island Travel Mode Choice Analysis: Western Visayas Region Philippines	Alexis M. Fillone	Alexis Morales Fillone, Ph.D.; Nicano Jr. Roxas
(26)	Travel Demand Modeling (1)		R3	9/11(Fri.) 1445-1600
	PP1116	Network Centrality Assessment (NCA) as an alternative approach to predict vehicular traffic volume: A case of Colombo, Sri Lanka	Amila Jayasinghe	Amila Buddhika Jayasinghe, M.Plar
	PP1156	A Bilevel Optimization Model for the Network Signal Timing Design Problem with Traveler Trip-chain Route Choice Behavior Consideration	Chung-Yung Wang	Kazushi Sano; Hiroaki Nishiuchi Chung-Yung Wang, Ph.D.; Shou-Re HU; Chih-Peng CHU; Ya-Tin JHUANG
Chair	PP1576	Revisiting Volume-Delay-Functions Used in Transport Studies in Metro	Jiaan Regis Go Gesalem	Jiaan Regis Go Gesalem; Alexis Fillone
(27)	Travel Demand Modeling (2)		R3	9/11(Fri.) 1615-1730
	PP1495	A Network Model for Rehabilitation Plan of A Road Network Considering Uncertainties of Deterioration and Travel Time	Haruko NAKAO	Haruko Nakao; Kenetsu Uchida
	PP1177	Study on Evaluation of Convenience of Access to the Nearest Railway Station by Residents in Housing Development Areas in the Suburbs of Kobe City in Japan - Using Utility-Based Accessibility Measure	Kazuki Terayama	Kazuki Terayama; Michiyasu Odani; Kohei Iwasaki
Chair	PP1355	A Location-routing Decision Model for First-aid Restoration of a Damaged Road Network	Ryo ITABASHI	Ryo ITABASHI; Katsuya SAKAI Takahiko KUSAKABE; Yasu
(28)	Travel Behavior Analysis (5)		R3	9/12(Sat.) 0900-1015
	PP1570	Characterizing Bus Passenger Demand along Epifanio de los Santos Avenue (EDSA), Metro Manila	Sean Ting	Sean Johnlee Quema Ting; Kevin Joshua Lucas; Alexis Fillone
	PP1346	Analysis of Parking Lot Choice Behaviors by Utilizing Accounting Data	Yuki Tsuboi	Yuki Tsuboi; Ryo Kanamori; Toshiyuki Yamamoto; Takayuki Morikawa
Chair	PP1234	A New Perspective of Traffic Assignment: A Game Theoretical Approach	Genaro Peque, Jr.	Genaro Jr Peque; Toshihiko Miyagi Fumitaka Kurauchi
(29)	Transportation Planning and Policy in Asia (2)		R3	9/12(Sat.) 1030-1145
	PP1394	IMPACT ANALYSIS OF TOLL POLICY FOR EXPRESSWAY TRAVEL WITH VARIABLE TRAFFIC DEMAND FOR LOCAL CITY WITH INTEGRATED USER EQUILIBRIUM ASSIGNMENT MODEL	Hiroki HORI	Hiroki HORI; Masashi OKUSHIMA
	PP1287	Validating An improved model for Feeder Bus network design using Genetic Algorithm (GA) and Particle swarm optimization (PSO)	Mohammad Hadi Almasi	Mohammad Hadi Almasi; Sin; Mirzapour Mounes; Mohamed Rehar
Chair	PP1282	Optimized Bus Schedules in Epifanio Delos Santos Avenue (EDSA), Metro Manila Using Fuzzy Rule-Based System	Ramon Christopher Intal	Alexis Morales Fillone, Ph.D.; Elmer Dadios; Ramon Christopher Intal
(30)	Capacity and Traffic Flow Analysis (2)		R3	9/12(Sat.) 1315-1430
	PP1259	Analysis of Shock Waves and Speed Peak Propagations in Car-Following Conditions from Start to Stop within Short Distance	Mitsuru Tanaka	Mitsuru Tanaka, P.E., PTOE
	PP1332	A Traffic Congestion Study of Non-signalized Intersections along Yacap Capt. Vicente Roa, Yacapin-Osmena, J.R. Borja-Capt. Vicente Roa and J.R. Borja-Osmeña Streets in Cagayan de Oro City	Jude Albert U. Añana	Jude Albert Uy Añana; Kevin Calma; Carlo Flores; Dennis Tantoy; Anabel Abuzo
Chair	PP1240	A new concept to evaluate road traffic capacity based on number of passengers in vehicle: Case application of Tokyo Metropolitan Expressway	Hiroaki NISHIUCHI	Hiroaki NISHIUCHI; Yasuhiro Shiomi Hiroshi Warita
(31)	Traffic Simulation		R3	9/12(Sat.) 1445-1600
	PP1315	Evaluation of BRTS Corridor in India Using Microscopic Simulation: A Case Study in Surat City	Ahriniwas Arkatkar	Shrinivas Shrikant Arkatkar, PhD Akhilesh Chepuri; Rakesh Kulakarni; Manraj Singh Bains; Gaurang Joshi Anshuman Sharma; Manoranjan Parid; Ph.D.; Ravi Sekhar; Ankit Kathuri
	PP1482	Capacity Analysis of Bhopal BRTS using Empirical and Simulation Model	Manoranjan Parida	Nguyet Thanh DUONG; Kiichiro HATOYAMA
Chair	PP1452	Evaluating Efforts on Delay Reduction: Methodology to Understand Potential for-Improvement of Urban Arterial Network	Kiichiro HATOYAMA	
(32)	Public Transport in Asia (3)		R3	9/12(Sat.) 1615-1730
	PP1376	Paratransit in Developing Countries: Songtaew in Thailand	PATTAMAPORN WONGWIRIYA	Pattamaporn WONGWIRIYA; Fumihiko NAKAMURA; Shinji TANAKA;
	PP1297	The characteristics of paratransit operation and fare in Phnom Penh	PHUN Veng Kheang	Peamsook SANIT; Ryo ARIYOSH Veng Kheang PHUN, Doctor of Engineer; Iv LIM; Tetsuo YAI
	PP1550	Passenger's Perceptions on Future Prospects of Qingqi Public Transport Service in Lahore	Muhammad Ashraf Javid	Muhammad Ashraf Javid, Ph.D.; Mohsin Raza; Saddam Hussain; Muhammad Farhan Anwaa
Chair	PP1319	Paratransit Transport in Indonesia: Characteristics and User Perceptions	Djoen San Santoso	Djoen San Santoso; Tri Basuki Joewono Yusak O. Susilo
(33)	Driving Behavior (6)		R3	9/13(Sun.) 0900-1015
	PP1462	A Case Study of Public Bus Driver Behaviour at Batu Feringghi	Muaid Abdulkareem Alnazir Ahmed	Hooi Ling Khoo; Muaid Ahmed, Master of Engineering Science (in progress)
	PP1249	An Investigation on Driving Cycle Characteristics of the Light Vehicle Urban Road in Developing Cities: Case Study in Makassar City - Indonesia	Sumarni Hamid Aly	Sumarni Hamid Aly, Dr; Muhammad Isran Ramli; Muhammad Reza Hasru
Chair	PP1463	Studying Effect of Weight-to-Power Ratio on Truck Acceleration Characteristics on Gradient using Mechanistic Approach	Shrinivas	Shrinivas Shrikant Arkatkar, PhD Manish Jain; Gaurang Joshi
(34)	Capacity and Traffic Flow Analysis (4)		R3	9/13(Sun.) 1030-1145
	PP1275	Modelling of the Gap Phenomena at U-turn Provisions on the Median Openings of Inter-Urban Highway Corridor	Ravi Sekhar Chalumuri	Md Rashid KHAN; Ravi Sekha Chalumuri, PhD; Velmurugan
	PP1347	U-turn Waiting Time Estimation at Midblock Median Opening	Thakonlaphat Jenjittawanakul	Thakonlaphat Jenjittawanakul; Kazushi Sano; Hiroaki Nishiuchi
	PP1264	Traffic Characteristics of Mixed Traffic Flow in Urban Arterials	Ka-Io WONG	Ka Io WONG; Tzu-Chang LEE; Yen-Yi CHEN
(35)	Capacity and Traffic Flow Analysis (7)		R3	9/13(Sun.) 1315-1430
	PP1454	A STUDY ON TRAFFIC STATE PATTERNS IN URBAN AREA: A CASE STUDY OF BANGKOK, THAILAND	Kimheang LY	Kimheang LY, Master of Science Mongkut PIANTANAKULCHAI; Sornthep VANNARAT
	PP1446	Operational Performance Analysis of Median U-Turn Intersections as Traffic Control Facility in EDSA	Academe	Riches Bacero, MSCE
Chair	PP1278	Study on the Impact of the Construction Activity of Skyway Stage 3 on Traffic Conditions along Osmeña Highway and San Andres Street	Geoffrey Cueto	Geoffrey Lastrilla Cueto
(36)	Transportation Planning and Policy in Asia (9)		R3	9/13(Sun.) 1445-1600
	PP1312	TRAVEL TIME ESTIMATION BASED ON FUSED TRAFFIC STATE DATA	Soknath MIL	Soknath MIL, Master; Mongkuk Piantanakulcha
	PP1267	Design and Development of the Puerto Princessa Airport Passenger Terminal	Jocelyn Buluran	Jocelyn Buluran
Chair	PP1510	Air Traffic Shifting Effects of Tourism and Low-Cost Carriers Development: The Case of Taiwan Airport	Chieh-Yu Hsiao	Chieh-Yu Hsiao, Ph.D.; Chun-Yuar Yang; Yu-Hsin Chiang; Jeng-Yen Lee
(37)	Pedestrian and Bicycle (1)		R4	9/11(Fri.) 1315-1430
	PP1256	Evaluation of Usability toward Safer Use of Road-Crossing Facilities	Takanori SUNAGAWA	Takanori Sunagawa; Kenji DOI; Kiyoshi SUZUKI

	PP1464	Assessment of Pedestrian Facilities in Malacca World Heritage Site, Malaysia using P-Index Method	Nabila Abdul Ghani	Nabila Abdul Ghani, Master o Transportation Planning; Tetsuo Shimizu; Safizahanin Mokhta
Chair	PP1158	Analysis of Critical Gap based on Pedestrian Behaviour at Unprotected Midblock Crosswalks	B Raghuram Kadali	B Raghuram Kadali, M.Tech; Vedagiri Perumal
(38)	Pedestrian and Bicycle (2)		R4	9/11(Fri.) 1445-1600
	PP1345	A Dynamic Positioning Strategy for Public Bicycle Systems Considering Penalty Cost: Comparison of Different Demand Pattern	Younghyun Seo	Younghyun Seo; Dong-Kyu Kim; Seung Young Khc
	PP1397	Pedestrian Safety Design in Bandung Institute of Technology (ITB)	Reni Fatimatuz Zahro	Harun al-Rasyid Lubis, Ph.D.; Rer Fatimatuz Zahro; Rudy Hermawan Karsamar
Chair	PP1340	Integrated Non-Motorized Transportation System For A Sustainable Oriented Intramuros	Francis Aldrine Uy	Francis Aldrine Abalos Uy, Ph.D.
(39)	Pedestrian and Bicycle (3)		R4	9/11(Fri.) 1615-1730
	PP1568	Factors Influencing Footbridge Usage Along Epifanio Delos Santos Avenue (EDSA), Metro Manila	Aaron King	So-Aaron King; Rigel Cadag; Jire Despabiladeras; Rei Tumaming; Alexis Fillone
	PP1314	Perceived Neighborhood Walkability and Mode Choice of Short-Distance Trips in Hanoi city	Tran Minh Tu	Tu Minh Tran; Junyi Zhang; Makot Chikarashi; Akimasa Fujiwara; Quynh Huong Pham
Chair	PP1506	Pedestrian Environment Assessment of Rural District: Korean Experience	Myeonghyeon	Myeonghyeon Kim; Gyu-geun Yoor Dong-ik Ha; Seung-Young Kh
(40)	Urban and Regional Planning (2)		R4	9/12(Sat.) 0900-1015
	PP1486	Failure of Transit-Oriented Development from a Perspective of Quality of Life in Bangkok	Kazuki Nakamura	Kazuki Nakamura, Ph.D.; Fumei Gu Vasinee Wasuntarasook; Varameth Vichiansan; Yoshitsugu Hayash
	PP1321	A Study on the Effectiveness of Eco-Mobility Component: E-Jeepneys Makati City	Francis Aldrine Uy	Francis Aldrine Abalos Uy, Ph.D.
Chair	PP1308	Differences in Decision Making Factors and Process in Residential Choice Focusing on Planned Residential Duration	Toshiaki AOKI	Toshiaki AOKI
(41)	Urban and Regional Planning (3)		R4	9/12(Sat.) 1030-1145
	PP1358	Progressing Suburbanization and the Controversial Land Use Management in Japanese Local City -A Case Study of Miyakonjo City, Japan	Tetsunobu Yoshitake	Tetsunobu Yoshitake, Ph.D; Kenich Teramachi; Chikashi Deguch Mithun Charkrawarti Prasad Paude
	PP1572	Intercity Transport Investment Decision in Developing Countries "A case of Kathmandu Terai Linkage in Nepal"	Mithun Paudel	Masters; Surya Raj Acharya; Ramesh Pokhrel
	PP1211	Diversifying capital sources for urban infrastructure Investment: Land-based Financing in transportation development in Ho Chi Minh City	Thanh Nguyen	Thanh Bao Nguyen, MSc
Chair	PP1485	Evaluation for Low-carbon Land-use Transport Development with QOL Indexes in Asian Developing Megacities: a Case Study of Bangkok	Kazuki Nakamura	Kazuki Nakamura, Ph.D.; Vasinee Wasuntarasook; Fumei Gu; Varameth Vichiansan; Masanobu Kii; Yoshitsugu Hayashi
(42)	Pedestrian and Bicycle (4)		R4	9/12(Sat.) 1315-1430
	PP1491	A New Approach to Analyzing Factors Influencing Cycling Stability Using Inertial Measurement Unit Sensor	Shinhye Joo	Gunwoo Lee; Shinhye Joo; CHEOL O H Keechoo Choi
	PP1311	Community Perception on Trans-operability of Intramuros	Riches Bacero	Riches Bacero, MSCE
Chair	PP1461	An Assessment of Walkability in a Medium-Sized Philippine City	Hilario Sean Palmiano	Hilario Sean Obana Palmiano, D. Eng Sheila Flor Javier; Jose Regin Regido
(43)	Public Transport in Asia (4)		R4	9/12(Sat.) 1445-1600
	PP1571	A Compact Scheduling and Revenue Estimation Spreadsheet for Bus Operators	Raymund Abad	Raymund Paolo Bilo Abad; Alexis
	PP1313	Paradigm Shift Strategy of Inclusive Mobility: The Applicability of Bus Rapid Transit along Commonwealth Avenue	Academe	Riches Bacero, MSCE
Chair	PP1469	Selection of Metro Manila BRT Corridors Using Multi-Criteria Assessment	Ricardo SIGUA	Ricardo SIGUA; Cresencio MONTALBO JR
(44)	Pedestrian and Bicycle (5)		R4	9/12(Sat.) 1615-1730
	PP1547	Proposal for Bicycle Traffic Survey via Smartphone	Katsuaki Imada	Katsuaki Imada; Hiroshi Kobayashi Yasushi Kimura; Tomoya Ueno; Susumu Takamiya
	PP1563	Investigating the determinants of intention to reuse the public bike-sharing system - Evidence from the Taipei U-bike System	Ricky	Ching-Fu Chen; Kuan-Yu Lai; Pin-Chi Su; Shih-Huan Chou
	PP1255	Bike-sharing Stations Planning using a GIS Suitability Model on Optimal Locations and Demand Analysis: A Case Study in the City of Bandung	Widyarini Weningtyas	Widyarini Weningtyas, M.Eng; Nurlayl Arbie; adriani Lestari Henrika; Mega Putri Novetriska
Chair	PP1567	Establishment of Bikeway Network, Bicycle City and Bicycle Culture for Sustainable Transport System in Thailand	Dr Malee UABHARADORN	Malee UABHARADORN, PhD
(45)	Transportation Project Evaluation (2)		R4	9/13(Sun.) 0900-1015
	PP1544	The impact of the motorways and expressways on accessibility and cohesion	Piotr Rosik	Piotr Rosik; Marcin Stepniak; Tomas Komornicki
	PP1470	A Non-parametric Estimation of the Value of Travel Time: Evidence from Road Traffic in Japan	Hironori Kato	Hironori Kato; Tetsuya Tsujima
(46)	Pricing		R4	9/13(Sun.) 1030-1145
	PP1477	Influence Analysis of Expressway Toll Discounts	Hideki Oka	Yuichi Mohri, Dr.; Toshio Kutsukake Hideki Oka; Shoichi Kaneko
	PP1466	Influence of Parking Deposit System on Travel Mode Choice Behavior Hanoi: A Latent Class Modelling Approach	The Ngoc Anh Nguyen	The Ngoc Anh Nguyen, M.E.; Juny Zhang; Akimasa Fujiwara; Makot
Chair	PP1168	An Evaluation of Urban Congestion Charging in Seoul	Kwangkyun Lim	Kwangkyun Lim; Sigon Kim; Yong
(47)	Transportation Planning and Policy in Asia (10)		R4	9/13(Sun.) 1315-1430
	PP1519	Introducing Human-Centered Design Approach in Transportation Planning Process: A Scenario Method and A Concept Model of Stakeholder	Kiko Yamada-Kawai	Kiko Yamada-Kawai, M.E.
	PP1412	Effect of Radio News on Listeners' Awareness of Transportation Problems	Shintaro Terabe	Shintaro Terabe; Nano Ueshiro; Hidehiro Yamazaki; Makoto Kasa
Chair	PP1580	User Perceptions of Sisu-Saeriyia School Transport Service in Sri Lanka	Pradeepa Jayaratne	Pradeepa Jayaratne, MSc; Ama Kumarage; Malinda Attanayak
(48)	Parking Policy		R4	9/13(Sun.) 1445-1600
	PP1276	Transportation Demand Management in the Historical Area of Istanbul: A Pilot Project of Smart Parking System	Sadayuki Yagi	Sadayuki Yagi, Ph.D.; Katsuhid Nagayama; Tamaoki Watanab
	PP1343	On-street Parking Evaluation Divisoria, Cagayan De Oro City	Francis Vincent G. Camomot	David Jorey Alfaro; Francis Vincer Camomot; Allison Cyril Escalante; Hipolito Bair; Anabel Abuzi
(49)	Freight Transportation and Logistics (1)		R5	9/11(Fri.) 1315-1430

	PP1381	Evaluating Impacts of Transport Infrastructure Development on Freight Mode Share	Sitha Jaensirisak	Sitha Jaensirisak, Ph.D.; Luathey PARAMET; Sompong
	PP1119	Modeling and Optimizing Intermodal Logistics Route Across the Taiwan	Cheng-Chieh Chen	Cheng-Chieh Chen, Ph.D.; Yi-Jhen Lai
Chair	PP1386	Modeling of a Rare Mode Choice in Freight Transport: Modal Shift from Road to Rail	Wisinee Wisetjindawat	WISINEE WISETJINDAWAT; Hiroki OIWA; Motohiro FUJITA
(50)	Freight Transportation and Logistics (2)		R5	9/11(Fri.) 1445-1600
	PP1279	Establishing of the City Logistic Concept in Improving the Freight Distribution in Metro Manila	Geoffrey Cueto	Geoffrey Lastrilla Cueto
	PP1127	Issues for the Linehaul-Feeder Vehicle Routing Problem with Virtual Depot and Time Windows	Huey-Kuo Chen	Huey-Kuo Chen, Ph.D.
Chair	PP1453	Reactive GRASP for the Capacitated Single Allocation p-Hub Median Problem	Ching-Jung Ting	Ching-Jung Ting; Kuo-Rui LU; Kur Chih Wu
(51)	Freight Transportation and Logistics (3)		R5	9/11(Fri.) 1615-1730
	PP1147	Characterizing The Role Of Non-motorized Transportation: The Logistics System In Baguio City Public Market Through Human Powered Carts	Mark De Guzman	Ralph Jopie Tapales Mejia, B.S.; Marl De Guzman; Daphne Marie Custodis
	PP1335	Impact Assessment Model of International Transportation Infrastructure Development: Focusing on Trade and Freight Traffic in Central Asia	Satoshi Tanabe	Satoshi Tanabe; Ryuichi Shibasaki; Hironori Katc
Chair	PP1488	Effect of Trade Data Aggregation on International Mode Choice	Ghim Ping Ong	Weng Sut Sou; Ghim Ping Ong, Ph.D.
(52)	Freight Transportation and Logistics (4)		R5	9/12(Sat.) 0900-1015
	PP1367	Intermodal Road-RoRo Transport in the Philippines, its Development and Position in the Domestic Shipping	Anita II Odchimar	Anita II Alvarez Odchimar; Shiny HANAOKA
	PP1200	BROADER ECONOMIC BENEFITS OF TRANSPORTATION INFRASTRUCTURE INVESTMENT (INDIVIDUAL PROJECT) OF PRODUCTION SECTOR BASED ON COST REDUCTION OF FREIGHT	Ridwan Anas	ridwan anas, M.T.; Ofyar Tamin; Sony Wibowo
Chair	PP1451	Estimation of CO2 Emissions for Low Carbon Urban Freight Transport in Khon Kaen, Thailand	Kumiko Nakamichi	Kumiko Nakamichi, Ph.D; Shiny Hanaoka; Shinsuke Mogi; Thane
(53)	Freight Transportation and Logistics (5)		R5	9/12(Sat.) 1030-1145
	PP1202	Effect of Demand Distributions and Declining Urgency of a Perishable Item Relief Ordering Policy	Rubel Das	Rubel Das; Makoto Okumura
	PP1225	Determination of Cost Impact using Mathematical Model Comprising City Logistics to Quick Service Restaurants in Metro Manila	Mapua Institute of Technology	Francis Aldrine Abalos Uy, Ph.D.
Chair	PP1511	Career Competencies Analysis of Transport/Logistics Managers of Mongolia	DELGERNASAN Mishig	DELGERNASAN Mishig, MBA BATAKHUREL Gombodor
(54)	Freight Transportation and Logistics (6)		R5	9/12(Sat.) 1315-1430
	PP1263	Optimization Urban Freight Transportation Network by Using Genetic Algorithm	I Made Suraharta	I made suraharta; Ade Sjafruddin; Russ Bona Frazilla; Raden Driejana
	PP1114	Assessment of Thailand's Border Special Economic Zones by Infrastructure and Border Trade Facilitation Indices	Jittichai Rudjanakanoknad	Jittichai Rudjanakanoknad, Ph.D.; Chanikan Vongsmaentep
	PP1154	Analysis of Loyalty of Store-to-Store Delivery Service System: A Case Study of ezShip.com in Taiwan	Yu-Kai Huang	Yu-Kai Huang, Ph. D.; CHIEH-CHAO WEN; YI-SAN HUANG
(55)	Air and Water Transportation Policy (3)		R5	9/12(Sat.) 1445-1600
	PP1396	Motion-Based Energy Analysis Methodology for Hybrid Straddle Carr Towards Eco-Friendly Container Handling System	Putu Hangga	Putu Hangga Nan Prayoga, M.Eng; Takeshi Shinoda
	PP1380	Time Series Analysis for Viet Nam Container Cargo Movements Implications for Port Policy Management	Tam Tran	Tam Thi Anh Tran, PhD Course Student Mikio Takebayash
Chair	PP1524	The Importance of Hinterland Connection to Improve Port Productivity in South Sumatera	Prof. Dr. Ir. Erika Buchari, M.Sc	Erika Buchari, Ph.D
(56)	Air and Water Transportation Policy (4)		R5	9/12(Sat.) 1615-1730
	PP1304	The Effects of Aviation Accidents on Public Perception toward an Airline	CHEN-WEI LI	CHEN-WEI LI; VENG KHEANG PHUN; MIO SUZUKI; TETSUO YAI
	PP1118	Airline Strategic Fleet Planning Framework	Lay Eng TEOH	Lay Eng Teoh, Master of Science (Mathematics); Hooi Ling Kho
	PP1487	Exploring the Causes of Port Accidents: A Case Study of Kaohsiung Port, Measuring and Assessing the Operational and Competitive Performance	Po-Hsing Tseng	PO-HSING TSENG; Nick Pilcher
Chair	PP1221	International City-Pairs Freight Transportation at Taiwan Taoyuan International Airport	Sui-Ling LI	SUILING LI
(57)	Freight Transportation and Logistics (7)		R5	9/13(Sun.) 0900-1015
	PP1183	Assessing Intercity Freight Transport Network Vulnerability: An Empirical Case in Taiwan	Cheng-Hsien Hsieh	Cheng-Hsien Hsieh; Cheng-Min Feng Yi-Hsin Lai
	PP1555	DEVELOPMENT AND APPLICATION OF THE HIGH-SPEED WEIGH-IN-MOTION SYSTEM FOR THE EXPRESSWAY	Soonmin Kwon	Soonmin Kwon, Ph.D.; Yoon-Hyuk Choi
Chair	PP1556	Impacts of Traffic Characteristics according to Snowy Weather Conditions on an Expressway	Yoon-Hyuk Choi	Yoon-Hyuk Choi, Ph.D.; Soonmin Kwon
(58)	Robust and Resilient Transportation (1)		R5	9/13(Sun.) 1030-1145
	PP1428	Short-Notice Bus-Based Evacuation under Dynamic Demand Conditions	Asif Nawaz Qazi	Asif Nawaz Qazi, Masters of Engineering; Kazuaki Okubo; Hisashi Ramesh POKHAREL, M.D.; Hitosh IEDA
	PP1429	Road Network Evaluation from Reliability Perspective: An Accessibility and Network Closure Vulnerability Approach	Ramesh Pokharel	RATTANAPORN KASEMSRI, Ph.D, Kazushi SANO; Hiroaki NISHIUCH
	PP1362	Robust Optimization for Facility Location and Transportation Design under Demand Uncertainty in Relief Distribution	KASEMSRI Rattanaporn	
(59)	Robust and Resilient Transportation (2)		R5	9/13(Sun.) 1315-1430
	PP1284	Behavior Analysis of Stranded Person Using Mobile GPS Data	Makoto FUJII	Makoto Fujiu; Kazuyuki Takada Jyunichi Takayama; Shoichiro Nakayan
	PP1573	Why is Highway Closed Earlier due to Severe Weather? : Conditions and Factors underlying Differences between Road and Railway in Japan	Yusuke Kimura	Yusuke Kimura; Hiroaki Fujimori Hitoshi Ieda
Chair	PP1413	Network Fortification Model for Intercity Passenger Transportation	Makoto Okumura	Huseyin TIRTOM; Makoto OKUMURA; Hiromichi YAMAGUCHI
(60)	Robust and Resilient Transportation (3)		R5	9/13(Sun.) 1445-1600
	PP1295	Understanding the Decision of Flood Evacuation Departure Time Using Discrete Choice Model	Ma. Bernadeth Lim	Ma Bernadeth Borleo Lim, MEng Hector Jr. Lim; Mongkut Piantanakulchai; Francis Aldrine U Hector Jr. Ruiz Lim, MEng; Ma Bernadeth Lim; Mongku
	PP1418	Household Flood Evacuation Route Choice Model at Sub-district Level	Hector Jr. Lim	
Chair	PP1121	Empirical Analysis on the Impact of Rain Intensity on Commuters' Departure Decision on Torrential Rain Days	Jun Sakamoto	Jun Sakamoto, Ph.D.; Motohiro Fujita
(61)	Travel Behavior Analysis (2)		R6	9/11(Fri.) 1315-1430
	PP1208	A Longitudinal Analysis of Built Environment and Travel Behavior in Keihanshin Metropolitan Area	Sayaka Yasui	SAYAKA YASUI; Yasuhiro Shiomi
	PP1387	Do Online Activities Still Need Physical Movement? Towards Inclusive Transportation for Indonesian Women Online Communities	Yudi Basuki	Yudi Basuki; Roos Akbar; Pradono Pradono; Miming Miharja

Chair	PP1190	Mode Choice Behavior on Bangkok's Worker	Hananto PRAKOSO	Chanikarn LERTKRAI; Sovann CHEA Hananto Prakoso, Ph.D.; Somchai PATHOMSIRI
(62)	Travel Demand Modeling (3)		R6	9/11(Fri.) 1445-1600
	PP1459	Calibration Methods and Results for Activity-Travel Scheduling Models	William H.K. LAM	Xiao Fu; William H.K. Lam; Yiliang Mootaz Munjid, MURP; Dr. Abdu Azeez Kadar Hamsa; Prof. Mansor Ibrahim; Dr. Mohd Zin Mohamed; Dr. Rustam Khairi Zahar
	PP1505	Estimating the Reduction in Single-Occupancy Vehicles Entering Kuala Lumpur As A Result of Telecommuting by Female Employees	Mootaz M. JAFF	
Chair	PP1422	Understanding the Effect of Online Shopping Behavior on Shopping Travel Demand through Structural Equation Modelin	Zudhy Irawan	Muhammad Zudhy Irawan, Ph.D.
(63)	Travel Behavior Analysis (3)		R6	9/11(Fri.) 1615-1730
	PP1193	An Analysis of Out of Home Non Work Activity Timing and Mode Behavior Based on Traffic Congestion Condition	Melawaty AGUSTIEN	Melawaty Agustien, S.Si.,MT; Adi SJAFRUDDIN; Harun Al Rasyid S. LUBIS; Sony S.WIBOWC
	PP1306	Exploring Self-Containment of Discretionary Activities in an Aging Newtown of Japan Based on a Destination Choice Model with Social Network Effects	Thi Anh Hong NGUYEN	Thi Anh Hong NGUYEN; Makot CHIKARAISHI; Hajime SEYA; Akimasa FUJIWARA; Junyi ZHANG
Chair	PP1212	Mode Choice Behavior and Modal Shift to Public Transport in Developing Countries - the Case of Hanoi Cit	Vu Anh Tuan	Anh Tuan Vu, Ph.D.
(64)	Travel Behavior Analysis (6)		R6	9/12(Sat.) 0900-1015
	PP1375	Frequency Distribution of Leisure Travel by Japanese: The Past and Future	Hiromichi Yamaguchi	Hiromichi Yamaguchi; Makoto Okumura
	PP1291	A Departure Time Choice Model on the Shopping Trip for Short Time Based on the Disutility Minimizing Approach	Muhammad Isran Ramli	Muhammad Isran Ramli, Dr. Eng. Yoshinao OEDA; Chiak Ronita Bardhan, Ph.D.; Varun Varghese Arnab Jani
Chair	PP1172	Analyzing Regional Travel Patterns in India: Disaggregated Analysis of Socio Health and Pilgrimage Trip	Ronita Bardhan	
(65)	Transportation Planning and Policy in Asia (3)		R6	9/12(Sat.) 1030-1145
	PP1438	Travellers' motivations to use public transportation: a changing strength of personal environmental motivation in deciding bus use intention	Nguyen Hoang Tung	Hoang-Tung Nguyen; Aya Kojima; Hisashi Kubota
	PP1130	Investigation of Factors Influencing the Private Car Ownership in China: Evidence from the Panel Data	Qi ZHANG	Na Wu; Qi ZHANG; Shengchuan ZHANG
Chair	PP1153	Challenge of Public Transport Planning in Private Vehicle Dominated Community	Paramet Luatthep	Paramet Luatthep, Ph.D.; Suppakorn Suttipan; Sittha Jaensirisal
(66)	Travel Behavior Analysis (7)		R6	9/12(Sat.) 1315-1430
	PP1197	Effects of Two Fare Policies on Public Transport Travel Behaviour: Evidence from South East Queensland, Australia	Barbara T.H Yen	Barbara T.H. Yen, Ph.D.; Wen-Chiu Tseng; Yu-Chiun Chiou; Lawrence W. Lan; Corinne Mulley; Matthew Burk Al Hanz Seiji Basa Lidasan; Shunsuke Okada; Tetsuro Hyodo
	PP1162	Modelling Route Choice Behaviour of Non-Motorized Transport	Al Hanz Seiji Basa Lidasan	Saksith CHALERMPONG, Ph.D. Apiwat RATANAWARAHANA; Chakaphan CHULLABODHI
Chair	PP1403	Walking Distance of Commuters after Modal Shift to Rail Transit in Bangkok	Chakaphan CHULLABODHI	
(67)	Public Transport in Asia (5)		R6	9/12(Sat.) 1445-1600
	PP1217	Determinants of "Travel with Dignity" of Passengers of MRT3	Jocelyn Buluran	Jocelyn Buluran
	PP1373	Evaluation of Willingness to Buy Commuter Train's Ticket	Nursyamsu Hidayat	Nursyamsu Hidayat; Kunihiro Kishi
Chair	PP1302	Estimation of Buffer Time of Rail Commuters in Tokyo Metropolitan Area	Kazuyuki Takada	KAZUYUKI TAKADA, D.; YUZO TAKANAMI
(68)	Urban and Regional Planning (5)		R6	9/12(Sat.) 1615-1730
	PP1152	Analysis of Impact on Vitality in Central Town Area by Introducing Shopping Support Services	Noboru ISE	Noboru ISE; Yasuo HINO
	PP1260	Disentangling the Young Adults' Residential Relocation Choice in Japan	YUBING XIONG	XIONG YUBING; JUNYI ZHANG
Chair	PP1421	Changes in transportation behavior in the Tokyo metropolitan area based on person-trip survey data	Jun MORIO	Jun MORIO; Yuichi MOHRI; Shotaro KAWAKAMI; Kouki KASHIBI
(69)	Transportation Planning and Policy in Asia (8)		R6	9/13(Sun.) 0900-1015
	PP1379	Factor Influencing Bus Usage in English Provincial Cities: A Lesson for Developing Countries	Tuan Anh LUONG	Tuan Anh Luong, MSc; Lan Huong Tran Hai Linh Le
	PP1478	Travel Behaviours of Immigrants in Queensland, Australia	Sunhyung Yoo	Sunhyung Yoo; Luke Diamond; Jinwoo Alexis Morales Fillone, Ph.D.; Bernard Yasay; Elmer Dadio
	PP1274	Adaptive Driving Route of Buses along Epifanio de los Santos Avenue (EDSA), Metro Manila, using Fuzzy Logic	Bernard Yasay	
(70)	Energy and Environment (3)		R6	9/13(Sun.) 1030-1145
	PP1161	Statistical Analyses on Actual EV Shuttle Operation Service Data	Koken Yahara	Koken Yahara; Tetsuro Hyodo; Daisuke Watanabe
	PP1242	Study on Fuel Consumption Estimation Considering the Impacts of Hybrid Vehicle Promotion Based on Time Sharing of Driving Modes from Probe Data	Napon Srisakda	Napon Srisakda, M.D.; Tetsuhiko Ishizaka; Atsushi Fukuda; Sathit Sungwon Lee, Ph.D.; Taihyung Lee
Chair	PP1228	Quantifying the Effectiveness of Transportation Policy Measures for Reducing Energy Demand under Energy Emergency	Sungwon LEE	Gyunyoung Kim; Keechoo Choo
(71)	Transportation Planning and Policy in Asia (11)		R6	9/13(Sun.) 1315-1430
	PP1564	User Rights in Passenger Transport	Prof. Amal S. Kumarage	Amal S Kumarage, Ph.D.; Maheshik Sakalasuriya
	PP1473	A Study of Metro Manila's Public Transportation Sector By Implementing Multimodal Public Transportation Route Planning	Chelcie Narboneta	Chelcie Garcia Narboneta, M.S.; Karc Teknomo
Chair	PP1148	Effects of Traffic Signal Locations on Stop Line Compliance of Vehicle Drivers in Korea	Jin-Tae Kim	Jin-Tae Kim, Ph.D
(72)	Travel Demand Modeling (4)		R6	9/13(Sun.) 1445-1600
	PP1301	Development of Evacuation Plan by Utilizing Transportation Modeling in the City of Borongan, Eastern Samar	Riches Bacero	Riches Bacero, MSCE
	PP1530	An Analysis of Route Demand for Low-Cost Carriers--A Case Study of Taiwanese Travelers	Wei-Chung HUNG	Chieh-Yu HSIAO, Ph.D.; Wei-Chung HUNG; Chia-Huei LIAO; I-Hao SU
Chair	PP1357	A Similarity-based Self-evolutionary Model for Railway Arrival Forecasting	Tsung-Hsien Tsai	Tsung-Hsien Tsai
(73)	Intelligent Transportation Systems (2)		R7	9/11(Fri.) 1315-1430
	PP1160	Dynamic Journey Time Estimation in Stochastic Road Networks with Uncertainty	William H.K. Lam	Qiong TANG; Xingang LI; William H.K. LAM; H.W. HC
	PP1320	Application of Traffic State Prediction Methods to Urban Expressway Networks in the City of Seoul	Minju, Park	Youngho Kim; Woojin Kang; Minji Park, Ph.D
Chair	PP1166	Automatic Traffic Incident Detection Algorithm for Both Rain and No-Rain Conditions	William H.K. Lam	William H.K. Lam; Mei Lam Tam Xiangmin Li
(74)	Survey and Data Collection (1)		R7	9/11(Fri.) 1445-1600
	PP1395	A Virtual Trip Line Matching Model for Cellular Vehicle Probe Positioning and Tracking	Chih-Wei HSIEH	Yu-Chiun Chiou; Chih-Wei HSIEH

	PP1458	Map Matching on Sparse GPS Data: A Perspective of a Developing City	Moinul Hossain	Moinul Hossain; Nova Ahmed; M. Mahfuzur Rahman Siddiquee; Refaya Karim; Mohsina Zaman; Rifat Monzu
Chair	PP1419	A Study on Mode Classification for Mixed Traffic Flow Based on Smart Phone Data	Yasuhiro Shiomi	Yasuhiro Shiomi, Ph.D.; nishiuch hiroaki; toshio yoshi
	(75)	Capacity and Traffic Flow Analysis (1)	R7	9/11(Fri.) 1615-1730
	PP1334	Arterial Speed Studies Based on Data from GPS Equipped Probe Vehicle	Porntep Puangprakhon	Porntep Puangprakhon, M.Eng; Soraw Narupiti
	PP1441	Traffic Simulation Study for Alleviating Traffic Congestion Problem in Jakarta Urban Toll Road	Rudy Hermawan KARSAMAN	Rudy Hermawan KARSAMAN, PhD Aine Kusumawati; Widyarini Weningtyas; Jongga Jihanny; Ary Hafandi; Gunawan Wicakson Rahman Farzana, PhD; Tri Basuk
Chair	PP1131	Learning from the Implementation of Traffic Calming Devices in Dhaka City	Dr. Farzana Rahman	JOEWONO; Shahidullah AL MASUM; Sahriar IFTEKHAR
	(76)	Driving Behavior (3)	R7	9/12(Sat.) 0900-1015
	PP1536	Study on Unsafe and Aggressive Driving Habits of Light Passenger Vehicle Drivers in Dhaka City	Dr. Farzana Rahman	Rahman Farzana, PhD; Tanwee HASAN; Surajit SAHA
	PP1588	The Improvement of Emergency Vehicle Driving Safety Due to the Implementation of Emergency Vehicle Preemption (EVP)	Ho-Chul Park	Lian CUI; Ho-Chul Park; Seung-Youn KHO; Dongik HA
Chair	PP1450	Study on Lateral Placement and Speed of Vehicles under Mixed Traffic Condition	Akhilesh Kumar maurya	akhilesh Kumar maurya; Geetimukt mahapatra
	(77)	Urban and Regional Planning (4)	R7	9/12(Sat.) 1030-1145
	PP1382	Modeling the Role of Infrastructure for Regional Development	Surya Raj Acharya	Surya Raj Acharya, Ph.D.
	PP1553	Infrastructure Development Program in Rural Areas using the Integrated Rural Accessibility Planning (IRAP)	Ludfi Djakfar	Ludfi Djakfar, Ph.D.; Jaya Bakri; Harne Sulistio; Achmad Wicakson
Chair	PP1566	Re-Routing Public Bus Services for Kandy City	Amal S. Kumaraage	Janaka Weerawardana, B.Sc., M.Sc Amal S. Kumaraage; Wimukthi N
	(78)	Public Transport in Asia (6)	R7	9/12(Sat.) 1315-1430
	PP1361	Actual Conditions at the Metro Manila MRT-3 during the Morning Peak Period: Focus on Passengers' Viewpoint	Andra Charis S. Mijares	Andra Charis Sehb Mijares, M.Eng. Mio Suzuki; Tetsuo Yai
	PP1411	Safety and Security Needs of Commuter Rail Services - Travellers' Perception	Norlida Abdul Hamid	Norlida Abdul Hamid, Ph.D.; Peck Leong Tan; Mohamad Faizul Mohamad Zali; Ubaidah Rahamat; Norazila Ab
Chair	PP1195	Travel Behavior and Responses to Change in Transit Fare: A Comparative Study of Urban Rail Passengers between Bangkok and Manila	Kasem Choocharukul	Marcus Baron; Kasem Choocharukul
	(79)	Survey and Data Collection (2)	R7	9/12(Sat.) 1445-1600
	PP1426	Analysis of Transit User Satisfaction Using Structural Equation Models	Sunyoung PARK	Sunyoung PARK; Jungmee KIM; Jinso LEE; Intack OH
	PP1465	Comparison of Activity Type Identification from Mobile Phone GPS Data Using Various Machine Learning Method	Lei GONG	Lei GONG, Master; Toshiyuki YAMAMOTO; Takayuki MORIKAWA
Chair	PP1203	Study on Travel Analysis and Statistical Verification between Paper Survey and Mobile Survey (Using Vehicle Use Survey)	Jungeun KIM	Jungeun KIM; Jiyoun YEON; Chansun KIM; Hongmo SEONC
	(80)	Survey and Data Collection (3)	R7	9/12(Sat.) 1615-1730
	PP1247	Public Acceptance Survey for Evaluation of Traffic Calming Prioritization	Dr. Farzana Rahman	Rahman Farzana, PhD; Yoshida Shingo
	PP1298	Ranking of Hazardous Highway Locations in Thailand	Ponjanat Ubolchay	Ponjanat UBOLCHAY; Mongku PIANTANAKULCHAI
Chair	PP1349	A Study On Drivers' Route Choice Under The Influence Of ATIS Accuracy	El Bachir DIOP	El Bachir Diop, Ph.D; Shengchua ZHAO; Bingrong SUN
	(81)	Travel Behavior Analysis (8)	R7	9/13(Sun.) 0900-1015
	PP1173	Accessibility of Labor Market Case Study: Indonesian Cities and Bangkok, Thailand	Hananto PRAKOSO	Hananto Prakoso, Ph.D; Somcha PATHOMSIRI; Jean-Pierre ORFEUIL; Jachrizal SUMABRATA
	PP1444	Making the Connection between Transport Disadvantage and Motorcycle Usage of Low-Income People in Yogyakarta Urbanized Area	Yori Herwangi	Yori Herwangi, MURP; Pradono Pradono; Ibnu Syabri; Iwan Kustiwa
Chair	PP1435	Comparative Analysis of the Household Car Ownership between Toyota Camry and Nagoya City	Jia YANG	Jia YANG, Ph.D.; Hideki KATO Ryosuke ANDC
	(82)	Transportation Project Evaluation (3)	R7	9/13(Sun.) 1030-1145
	PP1134	Paired Comparison Method to Prioritize Traffic Calming Projects	Dr. Farzana Rahman	Rahman Farzana, PhD; Yoshida Shingo
	PP1268	Design and Development of Passenger Terminal at Batangas Port	Jocelyn Buluran	Jocelyn Buluran
Chair	PP1224	Planning Metro Manila's Mass Transit System	Daniel Mabazza	Daniel Ligeralde Mabazza, D.Eng. Ricardo Jose; Jose Regin Regidor; Marco Stefan Lagman; Jonathan Villaspe
	(83)	Historical Studies and International Cooperation (1)	R7	9/13(Sun.) 1315-1430
	PP1296	Challenges of Urban Transport Development in Metro Manila: A look back the last 40 years	Jose Regin REGIDOR	Maria Sheila NAPALANG; Jose Regin F. REGIDOR, Dr.Eng
	PP1117	A Preliminary Study on Differences of Previous and Current Town Planning On Travel Behavior of Road Users in Malaysia	Yong Adilah	Yong Adilah Shamsul Harumain; Akino Morimoto
Chair	PP1324	An Assessment of the Public Necessity Concept for Estimating the Requirements for Public Transport Vehicle	Jose Regin REGIDOR	Arnel MANRESA; Karl VERGEL; Jose Regin F. REGIDOR, Dr.Eng
	(84)	Historical Studies and International Cooperation (2)	R7	9/13(Sun.) 1445-1600
	PP1436	Land Governance for Transit Oriented Development in Densely Built Urban Area (Case Study: Jakarta, Indonesia)	Puspita Dirgahayani	Puspita Dirgahayani; Ibnu Syabr Nurrahman Putro Waluyo
	PP1517	Studying Movements of Large Cruise Ships in Asia Using Automatic Identification System Data	Hirohito Ito	Hirohito Ito; Kazunari Ogata
Chair	PP1449	Urban Railway Network Planning in the Greater Yangon, Myanmar	PHAN LE BINH	Le Binh PHAN; Takashi SHOYAMA Hironori KATC
	(85)	Air and Water Transportation Policy (1)	R8	9/11(Fri.) 1315-1430
	PP1531	DYNAMICS OF AIR TRANSPORTATION INSIDE THE PHILIPPINE ARCHIPELAGO	Yves Boquet	Yves Boquet, Ph. D.
	PP1533	A Set Of Proposed Sustainable Transport Indicators For Rural River Transportation In Indonesia	Muhammad Fathoni	Muhammad Fathoni, MT; Pradono Pradono; Ibnu Syabri; Shanty YI
Chair	PP1500	Determinants of Banking Sector's Credit Granting policy for the Yacht Industry in Taiwan	Yichih Yang	yichih yang; Hsien-Pin Liu
	(86)	Air and Water Transportation Policy (2)	R8	9/11(Fri.) 1445-1600
	PP1445	A Study of Economical Valuation of a Passenger Boat Line in deficit - Case Study of Rapid Boat between the Osaki-Kamijima Island and the Main Land	Atushi Tagami	Masato Okayama; Atushi Tagami
	PP1554	Congestion Alleviation Measures at Port Area -An Example of Chennai Port-	Makoto Mizutani	Makoto Mizutani; Akira Koyama Norihiro Fukazawa; Hiroshi Kimot
Chair	PP1318	Measuring Connectivity for Domestic Maritime Transport Network	Russ Bona Frazila	Russ Bona Frazila, Ph.D.; Febri Zukhruf

(87)	Transportation Planning and Policy in Asia (1)	R8	9/11(Fri.) 1615-1730
PP1499	Train Operation Adjustment Model of Heavy Haul Railway Based on Train Combined Strategy	Yi Zhao	Yi Zhao; Wei Cao; Xi Zhang
PP1339	Effect Of Dynamic Blink Control Of Light-Emitting Devices Installed Along Road Shoulder On Congestion Relief	Hiroyuki Kameoka	hiroyuki kameoka; hiroyuki oneyama; mitsuaki sakurai; mitsuhiro tsuj
Chair PP1236	The Digitised Railway Facility Management System and the Application of GIS and GPS to Railway Operation	Fumio KUROSAKI	Fumio Kurosaki, Ph.D.
(88)	Transportation Project Evaluation (1)	R8	9/12(Sat.) 0900-1015
PP1402	Evaluation of Inter-Regional Transportation Network Considering Multi-Modal Route Alternatives	TAKUYA WATANABE	TAKUYA WATANABE; MUNENORI SHIBATA; TAKAMASA SUZUK
PP1439	Life Cycle Cost Estimation for Building, Operating, and Maintaining High Speed Rail with Optimized Technical Option	Hironori Kato	Etienne Le Maout; Hironori Kato
(89)	Transportation Planning and Policy in Asia (4)	R8	9/12(Sat.) 1030-1145
PP1443	The Impact of Public Transportation on Reducing Transport-related Social Exclusion: an Exploratory Study in the Case of Jakarta	Puspita Dirgahayani	Puspita Dirgahayani; Fernando Situngkir
PP1299	Time Use of Urban Poor and Rural Poor on Activity and Travel in Gujarat, India: Similarities and Differences	Makoto CHIKARAISHI	Makoto Chikaraishi; Arnab Jana; Ronit Bardhan; Akimasa Fujiwar
Chair PP1378	Psychological factors influencing intentions to use Bus Rapid Transit (BRT) in Khon Kaen, Thailand	Rattapanorn Kaewkluengkrom	Rattapanorn - Kaewkluengkrom, M.D. Wichuda SATIENNAM; Sittha JAENSIRISAK; Thaned SATIENNAM
(90)	Energy and Environment (1)	R8	9/12(Sat.) 1315-1430
PP1348	Comparative Study of the Effects of Fuel Sources (Diesel, Gasoline and Autogas) in Public Transportation in Metro Manila on Price, Emission and Travel Speed Estimation considering Weather Conditions and Snow Removal Operations on an Urban Arterial	Francis Aldrine Uy	Francis Aldrine Abalos Uy, Ph.D.
PP1440	Travel Speed Estimation considering Weather Conditions and Snow Removal Operations on an Urban Arterial	Sungmin Hong	Sungmin Hong, M.S.; Toru Hagiwara; Shouchi Takeuchi; Birei Li
Chair PP1213	An O-D Approach of Estimating Energy Demand and CO2 Emission for Luzon Road Transport using Inter-Regional Passenger and Freight Flow Data	Marloe Sundo	Marloe Sundo, MSci; Karl Vergel
(91)	Energy and Environment (2)	R8	9/12(Sat.) 1445-1600
PP1333	Instantaneous Fuel Consumption Models of Light Duty Vehicles and a Case Study on the Fuel Consumption at Different Traffic Conditions in Metro Manila Using Shepard's Interpolation Method	Ernesto Abaya	Ernesto Batac Abaya, MS Civil Engineering; Karl Vergel; Ricardo Sigua; Edwin Quiros; Jose Bienvenido Bion
PP1342	Development of Drive Cycles and Measurement of Fuel Economies of Light Duty Vehicles in Metro Manila	Ernesto Abaya	Ernesto Batac Abaya, MS Civil Engineering; Karl Vergel; Ricardo Sigua; Edwin Quiros
Chair PP1170	How to Overcome Illegal Waste Disposal along Toll Road Side in Indonesia	A. Caroline Standi	A. Caroline Sutandi; Wimpy Santos; Agus Taufik Mulyono
(92)	Energy and Environment (4)	R8	9/13(Sun.) 0900-1015
PP1186	Evaluation of Road Utilization Needs for Road Space Reallocation	Takanori SUNAGAWA	JongJin YOON; Takanori SUNAGAWA; Hiroaki TAKEBAYASHI; Masahiro Pradono Pradono, Dr.Eng.; Iwan F Kusumantoro; Argasadha Retapradar
PP1352	Towards Carbon Dioxide Emission Reduction through Public Transport Revitalization: Case of Proposed Surabaya Tram Transit Project	Pradono	
Chair PP1145	SOME POSSIBLE WAYS OF EXTENDING THE ELECTRIC VEHICLE TRANSPORTATION IN MONGOLIA	Bayarsaikhan Tsend-Ayush	Bayarsaikhan Tsend-Ayush
(93)	Tourism	R8	9/13(Sun.) 1030-1145
PP1587	Travel Expenditure of Inbound Tourists in Japan: Market Segments by Nationality and Travel Experience	Shogo Sakamoto	Shogo Sakamoto; Takeshi Kurihara; Naoyuki Tomar
PP1398	Exploring the Important Driving Satisfaction Factors at Different Road Segments; Focus on Tourism Trip	Safizahanin Mokhtar	safizahanin mokhtar; Tetsuo Shimizu; Tetsuo Shimizu
Chair PP1265	Characteristics of Cruise Tourism in Asia	Makoto FUJII	Makoto Fujii; Masahiro Yoshioka; Kazuyuki Takada; Junichi Takayama; Shoichiro Nakayama
(94)	Accident and Safety (7)	R8	9/13(Sun.) 1315-1430
PP1481	Identifying Black Spots Based on Safety Potential - A Suitable Approach to Accident Reduction in Developing Countries	Huy Huu Nguyen	Huy Huu Nguyen, PhD student
PP1123	GUIDELINE FOR SURVEY, INVESTIGATION, AND DESIGN OF BLACK SPOT LOCATION (SID-LRK) IN LAMPUNG PROVINCE, INDONESIA.	Budi Hartanto SUSILO	Budi Hartanto Susilo, Professor
PP1516	A Comparison between Multivariate Poisson Gamma Mixture Model and Univariate Negative Binomial Count Models to Examine Types of Accident Frequencies on Freeway	Mothafer Ghasak Ibrahim	Ghasak Ibrahim Mohamed Amen AL Mothafer, Ph.D; Toshiyuki Yamamoto; Venkataraman Shankar
(95)	Accident and Safety (8)	R8	9/13(Sun.) 1445-1600
PP1520	A Study Of Relations Between Speed Of Vehicles And Road Condition	Jetsada Kumphong	Jetsada Kumphong, M.D"
Chair PP1272	How Much Money Will Losses Cause of Accident and Traffic Jam Case Study on Main Road in Bandar Lampung, Indonesia	rahayu sulistyorini	rahayu sulistyorini, Ph.D.
(96)	Travel Behavior Analysis (4)	R9	9/11(Fri.) 1315-1430
PP1414	Analysis of the Influence That the Difference of Change of the Age Structure Give For Railway Passengers in the Tokyo Metropolitan Area	Takayoshi Tsuchiya	Takayoshi Tsuchiya; Naohiko Hibino; Shigeru Morich
PP1467	Multi-Agent Simulation for Promoting Clean Energy Vehicle Considering Welfare Concern for Environment and Local Interaction	Masashi Okushima	masashi okushima, Ph. D.
Chair PP1222	Determinants of Mode Choice in Unfamiliar Environment: Insight from New Delhi	GEETAM TIWARI	Paranjyoti Lahkar, B.Tech; Dr Ssl Sarma; Prof Geetam Tiwar
(97)	Public Transport in Asia (1)	R9	9/11(Fri.) 1445-1600
PP1235	The Two-Stage Evaluation Model of Demand Response Transit Services	Tsung-Hua Chiu	S. K. Jason Chang; Ya-Wen Chen; Te Shao CHEN; Cheng-Kun Yan;
PP1329	Governing Public Transport Improvement Program in Indonesia - Comparative Case Study of Trans Musi Palembang and Trans Metro Bandung	Sudarmanto Budi Nugroho	Sudarmanto Budi Nugroho, Dr; Eri Zusman, Dr
Chair PP1502	Proposed BRT Corridor in Dhaka : Is It A Sustainable Solution?	Sirajum Munira	Sirajum Munira, Masters
(98)	Public Transport in Asia (2)	R9	9/11(Fri.) 1615-1730
PP1341	Dignity of Travel: BRT Development in the Philippines	Cresencio Montalbo Jr.	Cresencio Montalbo Jr, Ph.D.; Colin
PP1370	Performance Level Analyses of Public Transportation Using Importance Performance Analysis Method	Nursyamsu Hidayat	Nursyamsu Hidayat
Chair PP1336	Comparison Analysis of the Livelihood Profile of Informal Transport Workers in South and Southeast Asia	Sudarmanto Budi Nugroho	Sudarmanto Budi Nugroho, Dr
(99)	Bus Operation and Planning (1)	R9	9/12(Sat.) 0900-1015
PP1384	Urban Bus Network Design Using Genetic Algorithm and Map Information	Masamichi Takakura	Masamichi Takakura; Takashi Furuta; Mikiko Sode Tanaka
PP1574	Urban Bus Transportation System Design based On Optimization Theory	Takashi Furuta	Takashi Furuta; Masamichi Takakura; Mikiko Sode Tanaka

Chair	PP1254	Factors Affecting Bus Ridership With Respect To Passenger Demography: Case Study Of Seberang Perai, Pulau Pinang, Malays	Ahmad hilmy abdul Hamid	ahmad hilmy abdul hamid, Ph.D; Nu Amirah Mohd Nuf
(100) Bus Operation and Planning (2)			R9	9/12(Sat.) 1030-1145
	PP1581	Reform of Bus Operating System in the Seoul Metropolitan Areas in Korea	Young Jong KWON	Young-Jong KWON, Ph.D.
	PP1219	Assessment of Metro Manila Bus Fare Computation	Sylvia Chavez	Sylvia Chavez; Hilario Sean Oban Palmiano, D. Eng
Chair	PP1285	Sustainable Transport Development in Nepal: Challenges Opportunities Strategies	Ramesh Pokharel	Ramesh POKHAREL, M.D.; Surya Raj ACHARYA
(101) Transportation Planning and Policy in Asia (5)			R9	9/12(Sat.) 1315-1430
	PP1286	Mobile Professionals @work with their smartphones in the Greater Jakarta Area: Urban Travel Pattern toward the Connected City	Gloriani Novita Christin	Gloriani Novita Christin, M.Sc; Ofyar Tamin; Idwan Santoso; Miming Miharjo
	PP1288	An Analysis on the Accessibility Level of Public Transit for Persons with Disability: in care of Light Rail Transit (LRT 1)	Geoffrey Cueto	Geoffrey Lastrilla Cueto
Chair	PP1539	Changes in the traffic of heavy goods vehicles through the Polish eastern border against the backdrop of road infrastructure development and geopolitics	Tomasz Komornicki	Tomasz Komornicki, PhD; Piotr Rosik
(102) Transportation Planning and Policy in Asia (6)			R9	9/12(Sat.) 1445-1600
	PP1215	How Effectives are Cordon and Distance-Based Pricing at Reducing CO ₂ Emission?	Nafan Arifian	nafan arifian, MSc; Zudhy Irawan; Simo Shepherd
	PP1175	Scheme of Security Equipment Layout in Large Passenger Railway Station	Xi Zhang	Xi Zhang; Yi Zhao; Zhu Huan Li
Chair	PP1328	Determinants of Demands of Pasig River Ferry Service	Mapua Institute of Technology	Francis Aldrine Abalos Uy, Ph.D.
(103) Public Transport in Asia (7)			R9	9/12(Sat.) 1615-1730
	PP1399	Public Transport Reform in Indonesian Cities	Anugrah Ilahi	Anugrah Ilahi, M.Sc.; Achmad Izzu Waro; Petrus Sumarsono
	PP1292	Sustainable Paratransit: Best practice cases in Europe and the Philippines	Martin Smoliner	Martin Smoliner, Dipl.-Ing.; Anabel A Abuzo, Dr.
	PP1476	Estimating Riding Frequency Change of Community-bus by LOS Change Bus Operation - A Case Study on "Kururin-bus" in Nisshin City, Japan	Naoyuki Ito	Ito Naoyuki; Yukimasa Matsumoto Atsushi Suzuki
(104) Public Transport in Asia (9)			R9	9/13(Sun.) 0900-1015
	PP1194	Evaluating TransJogja Service Quality based on User Perceptions and Expectations	Aleksander Purba	Aleksander PURBA, Master; Fumihiko NAKAMURA; Shinji TANAKA; Peamsook SANIT; Ryo ARIYOSH
	PP1277	A Design for Silver Star Integrated Green Bus Terminal	Geoffrey Cueto	Geoffrey Lastrilla Cueto
Chair	PP1369	Improving Public Transport Intermodality: Temporal Integration of Transport Services at Interchange:	Vahid Poorjafari	Vahid Poorjafari; Wen Long Yue Nicholas Holyoak
(105) Terminal Planning			R9	9/13(Sun.) 1030-1145
	PP1289	Factors Influencing the Parking Demand of the Park and Ride Facility Putrajaya Public Transportation Terminal	Sharifah Adibah Alyia Syed Adnan	Sharifah Adibah Alyia Syed Adnan
	PP1351	A Study on Spatial Design and Usability of Station Plazas for Compact City Planning	Sho Kashima	Sho Kashima; Kenji Doi; Takanori Sunagawa; Hiroto Ino
Chair	PP1207	An Integrated Model to Evaluate the Level-of-Service of Urban Rail Transit Facilities in Consistent with User Perception	Jeong Whon Yu	Dongsu Kang; Sunyoung Park; Jinsu Lee; Heechan Kang; Jeong Whon Yu, Ph.D
(106) Public Transport in Asia (10)			R9	9/13(Sun.) 1315-1430
	PP1139	An Analysis of Metro Manila MRT-3 Passengers' Perception of The Commuting Experience and Its Effects Using Structural Equation Model	Andra Charis S. Mijares	Andra Charis Sehb Mijares, M.Eng. Mio Suzuki; Tetsuo Yai
	PP1317	Development of Metro Congestion Information System for a Mobile Device	Ho Lee	Ho Lee, Ph. D.; Bongseok Yoo; Kibae Jang; Youngsoo Kim; Wooksu Lee
Chair	PP1484	Recent Change and Improvement of Urban Public Transportation in Great Jakarta	Harun al-Rasyid Lubis	Harun al-Rasyid Lubis, Ph.D Muhammad Farda; Philip Saye
(107) Urban and Regional Planning (1)			R10	9/11(Fri.) 1445-1600
	PP1164	Assessment of Accessibility to Urban Facilities for Better Urban Environment	Atushi SUZUKI	Atsushi SUZUKI, Ph.D; Hiroyuki SUZUKI
	PP1185	Opinion Survey about Pedestrianization of Heritage Sites in the City of Iloilo, Philippines	Alexis Fillone	Alexis Morales Fillone, Ph.D.; Frederick Sosuan
	PP1501	Estimation of Hourly Mesh Population in Future Compact City using Mobile Spatial Statistics: The Case of Obihiro City, Japan	Mikiharu ARIMURA	Mikiharu ARIMURA; Takumi ASADA; Amane KAMADA
(108) (IRG-18 -2012)Strategies for a Sustainable Transportation Path for Small- and Medium Cities			R10	9/11(Fri.) 1615-1730
	PP1250	Mode Shift Behavior of Bus Passengers to Rail System under Improved Rail Operations	Germaine Ann Dilay	Alexis Morales Fillone, Ph.D.; Germaine Ann Dilay
	PP1251	Analysis the Needs for Express Railway Services to Support Multiple Airport System of Greater Jakarta	Suwardo	Suwardo Suwardo, Ph.D.; Iman HARYANTO; Wiryanta Wiryanta
	PP1283	Evaluating Proposed Transportation Infrastructure Projects in Metro Manila Using the Transport Co-Benefit Analysis	Alexis Fillone	Alexis Morales Fillone, Ph.D.
	PP1437	Walkability Measures for City Area in Indonesia (Case Study of Bandung)	Sony S Wibowo	Sony Sulaksono Wibowo, PhD; Natali Tanan; Nurvani Tinumbi
(109) (IRG-22-2013)Integrated sign systems for non-motorized transport and transit users			R10	9/12(Sat.) 0900-1015
	PP1174	Comparative Analysis of Traffic Accident Probability Based on Location and Bicycle Travel Direction Considering Number of Intersections between Origin and Destination for Bicycle Users	Keiichi Ogawa	Keiichi Ogawa, Dr. Eng.
	PP1223	Evaluation of Pedestrian Sign System in a Shopping and Business Tower Complex	Wataru Oniki	Wataru Oniki; Hiroshi tsukaguchi; Upali Vandebona
	PP1229	Analysis of Path Finding Errors of Pedestrians with a new Direction Sign System	Hiroshi Tsukaguchi	Hiroshi Tsukaguchi; Upali Vandebona; Hayato Mukai; Yoongho Ahn
(110) (IRG-15-2009) Sustainable Transport Futures for Cities in Asia and the Pacific: Trends and Challenges			R10	9/12(Sat.) 1030-1145
	PP1115	Service Quality Attributes for Public Transportation in Indonesian Cities	Tri Basuki Joewono	Tri Basuki Joewono, Ph.D.; Djoen Santoso
	PP1192	Trip Chain made by Students: Classification Analysis and Its Interpretation based on data from Bandung, Indonesia	Tri Basuki Joewono	Tri Basuki Joewono, Ph.D.; Muhamad Rizki
	PP1241	Inland Waterway Transport (IWT) In Thailand, Vietnam, The Philippines, and Indonesia	Iderlina Mateo-Babiano	Iderlina B. MATEO-BABIANO; Dadang Meru Utomo
	PP1390	Public Bicycle Sharing Program in Asian Cities	Iderlina Mateo-Babiano	Iderlina B. MATEO-BABIANO
(111) Public Transport in Asia (8)			R10	9/12(Sat.) 1315-1430
	PP1472	The Impact of Public Transport Subsidy on Social Inclusion: The Case of Free Train Policy in Thailand	tithiwach tansawat	Tithiwach Tansawat, M.D.; Kunihir Kishi; Supornchai Utainarumol; Piyapong Jiwattanakulpaisar
	PP1504	The Problematic in Implementing Mass Transit in Developing World	RUDI SUGIONO SUYONO	rudi sugiono suyono, MT; Ofyar Tamin; Sony Sulaksono Wibowo; Heru Purboyo HF

PP1169	State of the Art of Paratransit Literatures in Asian Developing Countries	PHUN Veng Kheang	Veng Kheang PHUN, Ph.D. student Tetsuo YAI
(112) Transportation Planning and Policy in Asia (7)		R10	9/12(Sat.) 1445-1600
PP1248	Accessibility to Public Transport Systems in Emerging Countries	Vu Anh Tuan	Anh Tuan Vu, Ph.D.; Duong Thanh SON
PP1178	Evaluation of Compliance of Dimensions and Selected Systems and Components of Customized Local Road Vehicles (CLR) with Vehicle Regulations and Standards	Karl Vergel	Karl B. Narciso Vergel, Dr.Eng.; Rachel Habana; Nonilo Peña; Loreto Carasi; Albert Mariño; Alorna Abao
PP1179	Using ordered probit modeling to assess perceived bus performance in Phnom Penh	Veng Kheang PHUN	Veng Kheang PHUN, Doctor of Engineer; Pharinet PHENG; Tetsuo YAI
(113) (IRG-24-2013) Viability of Public Transport Harmonizing System with Para-Transit R10		R10	9/12(Sat.) 1615-1730
PP1359	Fuel Economy of Public Utility Jeeps Using 2% and 5% Coco-Methyl Ester (CME)-Diesel Blends	Karl Vergel	Edwin Quiros; Karl B. Narciso Vergel, Dr.Eng.
PP1383	A Comparative Study on Road-based Urban Public Transport Policies in Six Asian Countries from the Viewpoint of Governance, Urban Planning, and Financial Aspects	Yasunori MUROMACHI	Yasunori Muromachi; Iv LIM; Achmad WICAKSONO; Karl VERGEL; Kasem CHOOCHARUKUL; Van TAN
PP1385	Stated Preference Analysis for New Public Transport in a Middle-sized Asian City: A Case Study in Malang, Indonesia	Daisuke FUKUDA	Tetsu BANDO; Daisuke FUKUDA Achmad WICAKSONO; Lila Kurnia WARDANI
PP1389	Road-based Urban Public Transport and Paratransit in Six Asian Countries: Legal Conditions and Intermodal Issues	Achmad WICAKSONO	Achmad WICAKSONO; Iv LIM Yasunori Muromachi; Karl VERGEL; Kasem CHOOCHARUKUL; Van TAN
(114) Freight Transportation and Logistics (8)		R10	9/13(Sun.) 0900-1015
PP1113	Level of Transportation Infrastructure and Public Utility Readiness for Thai Investors in Myanmar, Cambodia and Lao PDR Economic Zones	Jittichai Rudjanakanoknad	Jittichai Rudjanakanoknad, Ph.D
PP1262	Analysis of Vulnerability in Multinational Retailing Delivery Service System: A Case Study of FamilyMart and Circle K	YuKai Huang	Yu-Kai Huang, Ph. D.; CHENG-MIN FENG
PP1331	ROUTE OPTIMIZATION OF RAW MATERIAL SUPPLY CHAIN RATTAN CASE STUDY: OF RATTAN KATINGAN INDONESIA	Nurlaela Kumala Dewi	Nurlaela Kumala Kumala Dewi, MT Pradono Pradono; Miming Miharja; Gatot Yudokc
(115) (IRG-17-2011) Logistics in Asia: Interdependent Supply Chain and Advancement of R10		R10	9/13(Sun.) 1030-1145
PP1371	Evaluating the Routing Strategies for the Delivery between Distribution Centers and Retail Outlets	Kuan Cheng HUANG	Kuan Cheng Huang; Lichun Chang; Kuanying Lee
PP1408	Multicommodity Flow Model for Multimodal Transportation Planning	Thanat Rungwanichsukanon	Thanat Rungwanichsukanon; Man Lohatepanon
PP1416	Multi-Objective Location Selection Model for Thai Red Cross's Relief Warehouses	Lapon	Lapon Kedchaikulrat; Manoj Lohatepanont
PP1582	Hinterland of Vietnamese ports and international transport corridor in Greater Mekong Subregion	Ryuichi SHIBASAKI	Ryuichi SHIBASAKI, Dr. Engl.; Masaru SUZUKI; Takashi SHIMADA; Hiroki KOHNO
(116) WCTRS & EASTS Joint Special Session: Disaster Resilience in Transport		R10	9/13(Sun.) 1315-1430
Moderator: Lu Huapu, Tsinghua University			
Speakers:			
1. Transportation and Disaster Resilience in the Philippines and Australia (Iderlina Mateo-Babiano, The University of Queensland)			
2. Modelling Agents' Behaviour in the Context of River Floods: An Ant Colony based Approach (Ismail Saadi, Mario Cools, Ahmed Mustafa, Jacques Teller and Sabine Limbourg, The University of Liège)			
3. Stability study of an improved car-following model considering driving behaviors in heavy fog (Jing Shi and Jinhua Tan, Tsinghua University)			
4. A Resilience Evaluation Framework in Transportation Infrastructure (Liao pinchao, Tsinghua University)			
(117) SS1: High Speed Railway & Regional Economic Development		R11	9/12(Sat.) 1315-1430
Moderator: Jaehak Oh, Vice President of The Korea Transport Institute (KOTI)			
Speakers:			
1. Introduction to International Research and Publication on High Speed Railway (Jaehak Oh, The Korea Transport Institute)			
2. International Comparison on High-Speed Railway Impacts and Station Area Development- Japan, Korea, and Taiwan (Shintaro Terabe, Tokyo University of Science [PP1125])			
3. Evaluation Method of Regional Economic Impact of High-speed Railway Development Considering Effects on Tourism Demand (Tetsuji Sato, Chiba Institute of Technology) [PP1549]			
4. An Empirical Analysis on the Relationship between Korea High-Speed Rail and Regional Industrial Employment Change (Youngkook Kim, The Korea Transport Institute)			
Panelists			
Shigeru Morichi, National Graduate Institute for Policy Studies			
Cheng-Min Feng, National Chiao Tung University			
Seung-Pil Kang, Seoul National University			
(118) SS2: Institutions for Railway Development in Asian Cities: Prospects for PPP		R11	9/12(Sat.) 1445-1600
Moderator:			
Prof. Dr. Shigeru Morichi, National Graduate Institute of Policy Studies (GRIPS), Tokyo			
Presenters:			
Prof. Dr. Pichai Taneerananon, Prince of Songkla University, Civil Engineering			
Dr. Surya Raj Acharya, Visiting Faculty, Tribhuvan University, Institute of Engineering, Nepal			
Prof. Dr. Cheng-Min Feng, Professor, National Chiao Tung University, Dept. of Transportation and Logistics Management			
Prof. Dr. Primitivo C CAL, University of the Philippines, Planning & Development Research Foundation, Inc.			
Prof. Mohamed Rehan Karim, University of Malaya, Department of Civil Engineering			
Dr. Vu Anh Tuan, Vietnamese-German University (VGU), Vietnamese-German Transport Research Centre.			
Prof. Dr. Zhao Shengchuan, Dalian University of Technology, School of Transportation and Logistics			
Prof. Dr. Sutanto SOEHODHO, University of Indonesia, Dept of Civil Engineering			

Moderator: Jaehak Oh, Vice President of The Korea Transport Institute (KOTI)

Speaker:

ChoongYeol Peter Ye (KOTI)

Tetsuro Hyodo (Tokyo University of Marine Science and Technology),

Shengchuan Zhao (Dalian University of Technology),

Jun Castro (University of the Philippines)

Yu-Kai Huang (Nanhua University)

Poster presentations

Poster I			9/11(Fri.) 1415-1515
Paper No.	Title	Presenter	Authors
PP1120	Operational Assessment of Speed Priority for High-Occupancy Vehicle	CHIH-LIN CHUNG	CHIH-LIN CHUNG
PP1135	Promoting Public Transport for Sustainable Urban Development in Ha Thuy Thu Trinh		Thuy Thu Trinh, MA
PP1142	Determinants of Certificate of Entitlement Premium for Cars under V6	Qiang Meng	Qiang Meng; Zhaoyang Li
PP1143	Evaluation of Fully Extracted ASBUTON Proportion in the Petroleum	Harmein Rahman	Harmein Rahman, Dr.; Bambang Sugeng Subagio; Eva Wahyu
PP1157	Linking social network analysis with the analytic hierarchy process for	Ruei-Jhih Jian	Chi-Chung Tao; Ruei-Jhih Jia
PP1181	Developing Safety Performance Functions and Crash Modification Factors	Joonbum LIM	Joonbum LIM; Soobeom Lee; Joonki KIM
PP1206	Possibilities of Applying Public Private Partnership in Urban Transport	Batkhurel Gombodorj	Batkhurel Gombodorj
PP1220	Prioritization of High Speed Rail Project	VARMA Kamlesh Kumar	Kamlesh Kumar VARMA, B.Tech; Makoto Shimamura
PP1233	Study on Calibrating the Volume Delay Functions of the Travel Demand	Kyung Hyun KIM	Yun-Taik CHOI; Kyung Hyun KIM; Sangmin Park; Eum HAN; Jeehyung PARK; Ilsoo YUN
PP1243	Study on Electric Bicycle Use in Vietnam	Trinh Thu Thuy	Thuy Thu Trinh, MA
PP1244	Development of realistic driving route calculation algorithm considering	Inchul Yang	Inchul Yang, Ph.D.; Woo Hoon Jeon; Hyung-Jin Kim; Hyunmyun Djoen San Santoso; DMW Kanishka
PP1269	Customer Satisfaction Analysis of the Luxury Long Distance Bus Service	Djoen San Santoso	KUK Rambukwell
PP1281	Countermeasure Analysis of Urban Basic Parking Lot Shortage Based on	Jing SHI	Jing SHI; Enda Wang
PP1290	Reforming Integrated Land-use Transport Systems to be Sustainable by	Fumei GU	FUMEI GU
PP1305	Estimation of PET and Threshold Wait Time for Pedestrians on Busy Streets	Bhargab Maitra	Anush Konayakanahalli Chandrappa Kinjal Bhattacharyya; Bhargab Maitra, Ph. D
PP1337	Traffic Noise Measurement, Perception, and Modelling in a University	Hilario Sean Palmiano	Hilario Sean Obana Palmiano, D. Eng.; John Carlo Villar; Michelle Monelle Quilatar
PP1388	Comparative Study on Essential Data of Motorcycles for Different Societies	Duong Thi Mai HOA	Nguyen Huu DUC; Duong Thi Mai Hoa; Nguyen Thien Huong; Nguyen Ngoc Bao
PP1393	Motorcycles in Vietnam: on Essential Data until 2014 and on Differences	Nguyen Huu DUC	Nguyen Huu DUC; Duong Thi Mai Hoa; Nguyen Thien Huong; Nguyen Ngoc Bao
PP1404	Yangon's Urban Transportation: Traffic Demand and Its Quality of Service	Momoko Kojima	Momoko Kojima; Takayoshi Futose; Le Binh Phan; Hironori Kat
PP1410	Trip Characteristics of Commuters Accessing Rail Transit by Considering	Djoen San Santoso	Djoen San Santoso; Kunihiro Sakamoto; Masaru Yajima; Hisash Masayuki HIRASAWA; Tetsuya Takada; Tateki Ishida
PP1434	Development and Effective Use of a Wire Rope Guardrail System for	Masayuki Hirasawa	Yori Herwangi, MURP; Pradono Pradono; Ibnu Syabri; Iwan Kustiwa
PP1444	Making the Connection between Transport Disadvantage and Motorcycles	Yori Herwangi	Pradono; Ibnu Syabri; Iwan Kustiwa
PP1489	A STUDY ON THE INTERPLAY OF TRAFFIC INFORMATION, SIGNALS AND	Inchul Yang	Inchul Yang, Ph.D
PP1496	Study on Determining of Construction Priority of Highway Database using the GIS-based Method and AHP		Sungpil SHIN; Dukgeun Yun, Ph.D.; Inchul YANG
PP1497	Study on Traffic Control Sign Recognition using Support Vector Machine		Dukgeun Yun, Ph.D.; Seonghoon KIM; Jaehong PARK; Yankki JUNG
PP1532	Estimating Congestion Cost In Delhi, India	Mohsin Manzoor Janwari	Mohsin Manzoor Janwari, B.tech; Geetam Tiwari; Mohan Rac
PP1552	PUBLIC AND PRIVATE PARTNERSHIP IN PUBLIC TRANSPORTATION	Batkhurel Gombodorj	Batkhurel Gombodorj
PP1559	TOKYO ROAD NETWORK GRIDLOCK AFTER THE GREAT EASTQUAKE	Yutaro Kiyota	Seiji Iwakura, Dr.; Yutaro Kiyota; Yasuhiro Nonaka
PP1562	Assessing the Relevance of Traffic Impact Assessment (TIA) in Kathmandu	Kamal Kumar Sah	Kamal Kumar Sah, M.Sc.
PP1583	Economic Valuation of the Bimodal Tram	Ilsoo YUN	ILSOO YUN, Ph.D.; Kyung Hyun KIM; Sangmin PARK; Sang Soo LEE; Jeong Whon Yu
Poster II			9/12(Sat.) 1000-1100
Paper No.	Title	Presenter	Authors
PP1137	Public Satisfaction with Service Quality of Daewoo Urban Bus Service in Lahore	Muhammad Ashraf Javid	Muhammad Ashraf Javid, Ph.D.; Toshiyuki Okamura; Fumihiko Nakamura
PP1141	Analysis of Efficient Public Transport Network Using Smart Card Data and Simulation Approach in Takamatsu, Japan	Masanobu Kii	Masanobu Kii, Ph.D; Jun-ichi TERAO; Kazuki NAKAMURA

PP1146	Public private partnership is one of the main instruments c development of transport and logistics in Mongoli	Unursaikhan Dambadorj	Unursaikhan Dambadorj, Ph.D
PP1176	Analysis on characteristics of passenger car and motorcycle fleets at their driving conditions in developing country: a case study in Ho Chi Minh City, Vietnam	Chu Tien Dung	Tien Dung Chu, M.D; Tomio Miwa; Hitomi Sato; Takayuki Morikawa
PP1196	Trip attraction, trip distribution, and modal split for columbarium trips	W.H. YANG	WAI YUEN SZETO; Jonathan YEUNG; R.C.P. Wong; W.H. Yang
PP1210	Considering the Safety and Convenience Rail Customers Rail Stations and Park-and-Ride Facilities Improvement	KIM HYUN JU	JANGWOOK KIM, Ph.D.; SUNG- PIL CHOI; YOUNG-TAEK OF
PP1214	Development of Four Stage Travel Demand Model and Identification of Feeder Route for the NCT of Delhi	R Rejitha Nath	R Rejitha Nath; Ravi Sekhar Chalumuri, PhD; Madhu Errampall nafan arifian, MSc; Zudhy Irawan;
PP1215	How Effectives are Cordon and Distance-Based Pricing at Reducing Co2 Emission?	nafan arifian	Simon Shepherd Doo-Pyo Hong; Hwanpil LEE; Eum HAN; Kyung Hyun KIM; Hangeom KO; Ilsoo YUN
PP1232	Sentiment Analysis on Expressways Using Opinion Mining and Tweet	Eum HAN	
PP1239	Bi-level Transit Subsidy Optimization Models under Ecologic Footprint Constraints	Yu-Chiun CHIOU	Yu-Chiun Chiou; Pang-Cheng LIU
PP1245	Operational Performance of the Taiwan Railways Administration First- Class Stations - A Combined AHP and DEA Analytical Approach	Chih-Peng Chu	Chih-Peng Chu; Yu-Yu Lin; Kuo- Cheng Chung; Cheng-Chieh Chen; Shou-Ren Hu
PP1352	Towards Carbon Dioxide Emission Reduction through Road Transport Revitalization: Case of Proposed Surabaya Tram Transit	Pradono	Pradono Pradono, Dr.Eng.; Iwan P. Kusumantoro; Argasadh
PP1356	Modeling pedestrian presence probability on signalized crosswalk for the Safety Assessment Considering Crosswalk Length and Signal Timing	XIN ZHANG	XIN ZHANG, M.D.; HIDEKI NAKAMURA
PP1366	Calibration of the number of registered vehicles for estimating tl regional vehicle emission.	Hahn Jin-Seok	Jin-Seok Hahn; Hye Ran Kim
PP1368	A Passengers Matching Problem in Ridesharing Systems by Considering User Preference	Phathinan Thaitthatkul	Phathinan THAITHATKUL; Toru SEO; Takahiko KUSAKABE; Yasuo ASAKURA
PP1369	Improving Public Transport Intermodality: Temporal Integration of Transit Services at Interchanges	Vahid Poorjafari	Vahid Poorjafari; Wen Long Yue; Nicholas Holyoak Khairun Sarah Radhiah Bachok, Ph.D in Built Environment; Abdul Azeez Kadar Hamsa; Mohd Zin Mohamed; Mansor Ibrahim
PP1377	A Theoretical Overview on Effects of Road Humps on Traffic Speed, Noise and Volume in Improving Residential Living Environment	Khairun Sarah Radhiah Bachok	Yu-Chiun Chiou; Chen-An SUN; Chih-Wei HSIEH
PP1392	A Macro-Micro Model under Mixed Traffic Flow Conditions	Chih-Wei HSIEH	
PP1406	COAL TRANSPORTATION RESOURCES, TRANSPORTATION AND ENVIRONMENT	Batbayar Balgan	Batbayar Balgan, Ph.D
PP1420	Key Factors to Affect Elderly Pedestrian Travel Behavior Using a Multi-level Regression Model : A Case for Seoul	song taek Choi	song taek choi, Ph.D; sangho choo; hyangsook lee; jinyoung jan;
PP1425	Revealing the Vacant Taxi Customer-search Patterns during Extreme Weather: Insights for Policy Measures	—	R.C.P. Wong; W.H. Yang; WAI YUEN SZETO; S.C. Wong
PP1433	About pedestrian crossing safety in Ulaanbaatar	Erdenetuya Amgalan	Erdenetuya Amgalan, M.D
PP1471	An analysis of causes to damages for rural roads in the Norther mountainous region of Vietnam and an orientation to solution	Do Duy Dinh	Do Duy DINH, MSc
PP1494	Problems of metropolitan traffic organization and ways to solve them	Erdenetuya Amgalan	Erdenetuya Amgalan, M.D
PP1498	Simulation and Evaluation on Schemes of Trains Operatin; Organization for Shuo Huang Railway on RailSy	Yi Zhao	Yi Zhao; Wei Cao; Xi Zhang
PP1512	Study of Functional index of Bus in Seoul metropolitan area by Sma card data	donguk jang	donguk JANG; yung in Lee
PP1541	Modelling Travellers' Behaviour at Connection point: A Case Study of Dalian High Speed Rail	Jacqueline Shula Nayame	Jacqueline Shula Nayame; Shengchuan Zhao; Bai Dandar Krister Ian Daniel Zafra Roquel; Alexis Fillon
PP1557	Current Public Transport Service Operating Characteristics Along Epifanio Delos Santos Avenue (EDSA), Metro Manila	Krister Roquel	
PP1569	Integrating Sustainable Non - Motorized Public Transport in the Cit of Manila, Philippines Through Analytic Hierarchy Process (AHP)	Jocelyn Buluran	Jocelyn Buluran
PP1589	Comparative Analysis on Results of Using Dual Fuel Diesel-LPG in Buses	bayarsuren badarch	bayarsuren Badarch, Ph.D
Poster III			
	Paper No. Title	Presenter	Authors
PP1132	Travel Time Prediction for Time-Table-Based Vehicles Traveling o Known Routes	Huey-Kuo Chen	Huey-Kuo Chen, Ph.D.
PP1138	Optimization of the Durability of SINOTRUCK HOWO-371 Truck Used in DARKHAN Steel Compan	Myagmarjav Jigjiv	Myagmarjav Jigjiv
PP1140	Traffic Safety Trend in Mongolia	Bayarsaikhan Bayasgalan	Bayarsaikhan Bayasgalan, Ph.D
PP1144	Hear but Failed to Listen Errors in Making Safe Road Crossing Decision: A Preliminary Study	Nur Aini	Nur Aini Rosli; Choy Peng Ng; Teik Hua Law
PP1155	Development and Validation of a Roundabout Entry Capacity Model Considering Pedestrians under Japanese Conditions	Nobuto KANBE	Nan KANG; Nobuto KANBE; Hideki NAKAMURA; Shinj

PP1165	Analysing the behaviour and performance of Neural Network Tri Distribution Models toward Different Hidden Layer and Node	GUSRI YALDI	GUSRI YALDI, PhD
PP1171	A Deeper Insight of Neural Network Spatial Interaction Model performance Trained with Different Training Algorithm	GUSRI YALDI	GUSRI YALDI, PhD
PP1180	Exploring trip fuel consumption by machine learning from GPS and CAN bus data	Weiliang Zeng	weiliang zeng; Tomio Miwa; Takayuki Morikawa
PP1182	Air freight logistics chain realized by the unmanned aircrafts and its management arrangements and the future	Erdenebat Batzorig	Erdenebat Batzorig, Ph.D
PP1189	Using Ecological Footprint Model for Port Ecosystem Sustainability Assessment	Zijian Guo	Zijian Guo; Qi Zhang; Wenyan Wang; Can Wang
PP1199	Evaluation of the Visibility of Pedestrians at Night by Changing the Road Environment	Hidekatsu Hamaoka	Hidekatsu HAMAOKA; Misaki SAITO
PP1201	The Research for the Establishment Standard of Comprehensive Curve Section Lane Line by Simulator	Jiyeon Hong	Joonbum LIM; Soobeom Lee; Jiyeon Hong
PP1209	Study on Road Sign Suitability Analysis Methodology in Road Sign Management System in South-Korea	Yoon Hee sung	Hee sung Yoon; In Taek Jung; Young Ihn Lee; Kyu Soo Chon;
PP1216	A Empirical Survey on port risk management in the Kaohsiung Port	Taih-Cherng LIRN	Taih-Cherng Ted LIRN, PhD; Kuo chung Shang
PP1218	Assessing Risk Factors for Pedestrian Fatal Crashes on National Highways in India	H M Naqvi	Hasan M. Naqvi, M. Planning(Transport planning); Geetam Tiwari
PP1230	"Platinum Time" Operation Measures to Reduce Traffic Fatalities	Jun LEE	Jun LEE, Ph.D.; Gunyoung KIM; Hye rin AHN
PP1246	Mixed Traffic Saturation Flows of Signalized Intersections in Motorcycle Dominant Cities	Vu Anh Tuan	Anh Tuan Vu, Ph.D.; Nguyen Dinh Vinh MAN
PP1293	Analysis of the Impact of Abandoned Direct Air Routes on International Passenger Travel Flows in Japan	Yuto Shiraishi	Yuto Shiraishi; terumitsu hirata
PP1310	Study on Estimation of Visual Distance by using Mobile Mapping System and Speed Reduction at Curve Section on Two-Lane General Road	Tetsuhiro ISHIZAKA	Tetsuhiro ISHIZAKA; Atsushi Fukuda; Tatsunori Sada
PP1316	A Factor Analysis of the Traffic Accident Frequency by Type in Japanese Major Road Sections	Kazuki Watanabe	Kazuki Watanabe; Hideki Nakamura
PP1343	On-street Parking Evaluation Divisoria, Cagayan De Oro City	Francis Vincent G. Camomot	David Jorey Alfaro; Francis Vincent Camomot; Allison Cyril Escalante; Hipolito Bair; Anabel Abuz
PP1431	Modelling Accident Frequency on Motorway Based on Accident Severity and Collision Type	Prakash Ranjitkar	Pan Chengye; Prakash Ranjitkar Ph.D.
PP1447	Direct over Indirect Container Transport for 'Remote' Areas: A Case for North Queensland?	Associate Professor Matthew Burke	Yong Wu; Matthew Ian Burke, Ph.D.; Jenny Cui; Peter Hal
PP1473	A Study of Metro Manila's Public Transportation Sector By Implementing A Multimodal Public Transportation Route Planner	Chelcie Narboneta	Chelcie Garcia Narboneta, M.S.; Kardi Teknomc
PP1474	The Effect of Supervised Riding on Young Motorcyclists' Riding Behaviour	Choy Peng NG	Choy Peng Ng, M.S. Highway and Transportation Engineering; Teik Hua Law; Nur Sabahiah Abdul Sukor; Nur Aini Rosli; Siti Norani
PP1483	Proposal of Synchronic Solutions to Enhance the Road Traffic Safety of Vietnam by 2020, and Driven by 2030	Ly Huy Tuan or Nguyen Ngoc Thac	LY Huy Tuan, Ph.D
PP1508	Passenger Intention to Help Drivers Driving Safely	Chi-Yen Lai	Hsin-Li Chang; Chi-Yen Lai; I-Wen Wu
PP1521	Study on Applying Emergency Vehicle Preemption Systems by Clustering Emergency Vehicle's Dispatching Velocity Patterns	Ki-Do Nam	Ki-Do Nam; Dae-Yong Sim; Seung-Young Kho; Dongik He
PP1528	Factors to influence green shipping actions taken by carriers	Rong-Her Chiu	Rong-Her Chiu; Yin-Jia Huang; Shih-Chan Ting
PP1561	Analysis on Marine Traffic Flow using Satellite AIS Data	Taro ARATANI	Taro ARATANI; Hiroshi MATSUKURA; Takahiro SETA; Takahiro MAJIMA
PP1565	Fundamental Analysis of Airport Operation and Capacity in Disaster	Wataru Kodato	Wataru Kodato; Terumitsu Hirata

Poster IV

Paper No.	Title	Presenter	Authors
PP1149	Socioeconomic evaluation of Transit Oriented Development using by Detailed Spatial Scale CUE Model in Taiwan	Hiromichi Yamamoto	Hiromichi Yamamoto; Jumpei Sano; Kiyoshi Yamasaki; Kazuki Yanagisawa; Atsushi Koike; Morito Tsutsumi
PP1184	Evaluating The Operational Performance of Signalized Intersections Involving U-turns in Aswan City, Egypt	Shinji TANAKA	Sherif Shokry Abdrabo, Mphil; Shinji Tanaka
PP1257	Assessment of Sustainable Ecotourism Development: A Case Study of Gao Gong Ecotourism Park, Vietnam	Tu Anh Trinh	Tu Anh Trinh; Thi Phuong Linh Le
PP1266	Design and Development of Passenger Terminal Extension of Clark International Airport	Jocelyn Buluran	Jocelyn Buluran
PP1270	Motorcycle Growth and its Emission Contribution to Urban Air Pollution	Drijeana	Drijeana Drijeana, Ph.D.; Filson Sidjabat

PP1303	Towards Traffic Impact Analysis Model for Indonesia Case Study Trans Studio Mall Bandung	karda d yayat	Karda dede Yayat, Ph.D; boy kombaitan; pradono onodar; heru purboyo
PP1307	Assessment of Alternative Pavement Options for Local Roads in Guimaras, Philippines	Nelson Doroy	Nelson Boysillo Doroy, M.A. in Transportation Planning; Alexis Fillone; Ramilo Villasis; Evan Arias; Reynaldo Asuncior
PP1323	Understanding Pedestrian Movement at Rail Transit Station Ticketing Gate	Masria Mustafa	Masria Mustafa; Mohd Siddiq Farouq Md. Noor
PP1325	Comparison of Fuel Economy of Fuel and Operating Characteristics of Diesel and Auto-LPG Jeepneys through On-road and Vehicle Tests	Ernesto Abaya	Edwin Quiros; Karl Vergel; Ernesto Batac Abaya, MS Civil Engineering;
PP1326	Development of a Driving Risk Model based on Speed Choice: A Case Study for Evaluating Safety Effects of In-Vehicle Traffic Warning Information	Wonchul Kim	Ervin Santos; Jose Gabriel Mercado Wonchul Kim, Ph.D; Junyi Zhang; Akimasa Fujiwara
PP1350	Drivers' travel information styles and adaptation behaviors to dynam travel information about accidents on expressway	Ying JIANG	Ying Jiang, M.D; Junyi ZHANG
PP1363	A Study of Freight Facility Location in Tokyo Metropolitan and its Future	Mami Iwakata	Mami Iwakata, M.D.; Naohisa Okamoto; Haruo Ishida; Tetsur
PP1365	An Analysis of Start-up Behavior of Motorcycle Riders at Signalize Intersections in Hanoi, Viet Nam Considering the Effect of Traffic Countdown Signal	Dang Minh Tan	Tan Dang, Ph.D
PP1401	AGENT-BASED MOBILITY SIMULATION MODEL FOR DISASTER RESPONSE VEHICLES	ELVIRA B. YANEZA	ELVIRA BUSTAMANTE YANEZA, M.I.T.; GERARDO DOROJA; ANABEL ABUZO
PP1407	Exploring activity patterns of the Taipei public bikesharing system	inn-Tsai WONG	J. T. Wong; Chun-Yen CHENC
PP1409	Least-cost Path and Multi-criteria Decision Analyses on the Sumatera High-Grade Highway Route Plans	Berlian Kushari	Berlian Kushari, M.Eng.; Agus Taufik Mulyono; Agus Hendratn
PP1424	A Simulation Study on Sustainable Market Design for Short-trip Rideshare Based on Bipartite Matching in Village Community	Hirofumi Yotsutsuji	Hirofumi Dr.Eng. Yotsutsuji; Kuniaki Sasaki; Mitsuhio Maruyama
PP1442	Impact of supplements to produce sinter using iron ore powder concentrate of Tamir River	Ganbold Dashdorj	Ganbat Dashdorj
PP1448	A Study of Reestablishing Emergency Road Traffic Due to Disaster Occurrence	Jaehyun Park	Jaehyun Park, Ph.D.
PP1456	Developing Innovative Intersection Configuration: Planning Tool	Akhilesh Maurya	Avijit Maji; Prabhati Bhattacharya; Akhilesh Maurya
PP1479	Measuring Area-Wide Road Travel Speeds in Urban Areas in Developing Countries - A Case Study in the Colombo Metropolitan Area	Hirohisa Kawaguchi	Hirohisa Kawaguchi, M.Sc.; Yoshihisa Asada; Samarasinghe Maheshara; Hedeniya Ruwan
PP1480	Influences of Motorcycle Use on Travel Intentions in Developing Countries: A Case of Ho Chi Minh City, Vietnam	Hoang Le Quan	Quan Le Hoang, M.D; Toshiyuki OKAMURA
PP1503	Establishing Bus Route's Level of Service by using Smart Card and Stress Index	Young-Don Kim	Young-Don Kim; Young-Inn Lee
PP1518	The Effect of Time Pressure and Traffic Volume on Aggressive Motorcycling Behavior of Motorcyclist	Dan Lwo	Hsin-Li Chang; Dan Lwo
PP1522	Pedestrian Characteristic for Mid-Block Signalized Crossing in Jakarta	Endang Widjajanti	Endang Widjajanti, Ph.D
PP1534	An Extended Potential Field Method for Pedestrian Route Choice Considering their Partial Vision	Weijie Wang	Weijie Wang, Ph.D.
PP1542	Tram Signal Priority Strategy using Green Band Optimization Model	Youngje Jeong	Youngje Jeong; Junha Jeong; Gyehyeong Ahn; Doowhan Doo; Cheolseung Hyeon; Hyerim Ch
PP1543	Real-Time Signal Control Model based on Travel Time Data	Youngje Jeong	Youngje Jeong; Junha Jeong; Gyehyeong Ahn; Gwangyong Ko; Nakwon Heo; Hyerim Ch
PP1545	A Study on the Impacts of Traffic Circles on the Behavior of Through Traffic at At-grade Intersections in Hanoi, Vietnam	Dang Minh Tan	Tan Dang, Ph.D
PP1551	A Comparative Study on Countermeasures against Taxi Oversupply in Metropolitan Cities -Cases of Tokyo and Seoul	Naoyuki TOMARI	Naoyuki TOMARI; Sangwook KANG
PP1558	Safety Assessment of Auxiliary Lanes at Downstream of U-turns Using Relative Conflict Indexes	Inder Pal MEEL	Inder Pal Meel, M. Tech.; Brannolte Brannolte; Andreas Vesper; Attila Borsos