

Sessions (Technical-Oral, ISC special session)

Session Name	Asia-Specific Issues (1)	2019-09-09	14:00-15:30	Venue :	Albatross	
Manuscript Number	Article Title					Author name
PP2190	Carpooling: A Step to Reduce Traffic Congestion in Sri Lanka					Amila Kanchana Sandaruwan
PP2192	Cross-Cultural Differences in Aberrant Driving Behaviors: Comparison of Japanese, Chinese, and Vietnamese Drivers					Blawal Hussain
PP2196	Estimating Critical Gap at Roundabout under Mixed Traffic Conditions in Sri Lanka					Amila Kanchana Sandaruwan
PP2199	How Does Improving Rural Roads Motivate People to Own Travel Modes? Findings from Rural Cambodia					Rika Idei
PP2204	Implementation of Motorcycle-related Policies in Vietnam: More Failures and Less Successes					Dinh Van Hiep
Session Name	Pricing (1)	2019-09-09	14:00-15:30	Venue :	Eagle	
Manuscript Number	Article Title					Author name
PP2229	A Study of IC Card Systems within Japanese Urban Railway Lines: Considering the Integration of Transportation Services					SHOSAKU HIGASHINO
PP2234	Development of Toll Road Pricing Strategy					Ludfi Djakfar
PP2258	Willingness to Pay Analysis on TransJava Corridor Toll Road					Andyka Kusuma
PP2660	Estimating Willingness to Pay for Non-Market Services of Sightseeing Trains					Signon Kim
PP2720	Estimation for high-speed railway fare considering marginal cost and demand					Jonghoon LEE
Session Name	Travel Behavior Analysis (1)	2019-09-09	14:00-15:30	Venue :	Olu	
PP2270	Development of an Activity-Based Model System for Tokyo Metropolitan Urban Rail Planning					Shinya Yamada
PP2286	Consciousness Analysis on Travel Behavior and Intention of People in Mainland China					Kota Tanaka
PP2299	Understanding Activity Pattern by Household Composition in Tokyo Metropolitan Area for Long Term Urban Railway Planning					Naoki Okunobo
PP2588	PEDESTRIANS CROSSING BEHAVIOR IN DELHI, INDIA					shalini rankavat
PP2595	A Comparative Assessment between the Simultaneous and Sequential Maximum Likelihood Estimation Approaches for the Frank Copula-Based Joint Model of Vehicle					Monorom Rith
Session Name	Logistics and Freight Transportation Policy (1)	2019-09-09	14:00-15:30	Venue :	Nelum	
Manuscript Number	Article Title					Author name
PP2307	A Robust Optimization Model for Proactive Resilience Strategies in Express Logistics					Cheng-Chieh Chen
PP2313	Characterization of Truck Traffic in Metro Manila					Riches Bacero
PP2316	Integrating Sustainability in Supply Chain Network Design					Rajali Maharjan
PP2317	Modeling Modal Choice Behavior and Inter-regional Freight Transport Value-of-Time (VOT) Considering the Flexible Choice Set Structure of Inter-regional Freight Transport in Japan					Al Hanz Seiji Basa Lidasan
PP2321	Sustainability of Hokkaido Logistics Network by the Strategic Choice Approach					Subaru Shimizu
Session Name	Intercity Railway (1)	2019-09-09	14:00 - 15:30	Venue :	Manel	
Manuscript Number	Article Title					Author name
PP2259	A Population Analysis for Regional Railway Commercial Sustainability					Ryusuke TAKEUCHI
PP2391	Econometric Analysis to Determine Causes of Single-Track Railway Operational Delay: A Case Study of Thailand Northern Railway Route					Jittichai Rudjanakanoknad
PP2613	International Comparison of Capacity Design for Urban Railway Station's Passenger Facilities - Diversity in Value Judgment in Standards and Practices: Past and					Kosuke Yamamoto
PP2672	Study for Integrating Urban Rail and Urban/Regional Development					Takehiro Kawahashi
Session Name	Accident Analysis (1)	2019-09-09	14:00 - 15:30	Venue :	View	
Manuscript Number	Article Title					Author name
PP2429	Risk Analysis of Rural Four Lane Divided Highway Based on Risk Index Determination By Road Safety Audit					Ayush Sharad Dhankute
PP2486	Analysis of the Safety Performance of Drainage Pavement focusing on Pavement Age					Celso Luis Fernando
PP2496	Development of Crash Prediction Model for Signalized Intersections in India Using Bayesian Inference					Madhumita Paul
PP2513	Mining Characteristics of Speeding and Red Light Running Violations Using Association Rules					Yuan Wei Wu
Session Name	Urban and Regional Planning (1)	2019-09-09	16:00 - 17:30	Venue :	Albatross	
Manuscript Number	Article Title					Author name
PP2330	Analysis of Regional Environments Where People Certified as Requiring Nursing Care Live in Super Aging Society					Makoto FUJII
PP2331	Analytical and Qualitative Analysis with a Pedestrian Utilization Model of Footbridges in Cagayan de Oro City, Philippines					Jefferson Jr. Ramos Vallente
PP2332	Application of Complete Streets Concept on the Central Business District of Tacloban City Focused on Urban Bikeway Design					Jose Regin F. REGIDOR
PP2342	Possibility of Regional Revitalization through Collaboration between Roadside Stations and Neighborhood Stores					Takao Takahashi
PP2688	Transportation Planning Support Systems for Small Towns in the Developing World: A Turnkey Model Approach					Moinul Hossain
PP2708	OPTIMAL LOCATION OF ADMINISTRATIVE CENTER: A CASE STUDY OF PROVINCE NO. 1, NEPAL					Sailesh Acharya
Session Name	Pavements (3)	2019-09-09	16:00 - 17:30	Venue :	View	
Manuscript Number	Article Title					Author name
PP2418	A Study on Engineering Properties of Carbide Lime Modified Asphalt Concrete Mixes					Ankit Gupta
PP2419	Analyze the cause of highway landslide constructed over the sandy area affected by underground water and treatment design solution					Tien Phung Manh
PP2424	In Service Performance of Permeable Friction Course Incorporating Basic Oxygen Furnace Slag as Coarse Aggregate					Jian-Shiuh Chen
PP2430	Smartphone Applications for Pavement Roughness Computation of Sri Lankan Roadways					Niranga Amarasingha
PP2707	Investigating Minimum Passing Slight Distance of Two-lane Two-way Roads in Sri Lanka					Niranga Amarasingha
Session Name	Modeling of Vehicle Maneuvers and Drivers (1)	2019-09-09	16:00 - 17:30	Venue :	Eagle	
Manuscript Number	Article Title					Author name
PP2441	Design Evaluation of Semi-Actuated Signal System along Senator Gil Puyat Avenue by Traffic Microsimulation					Alben Rome Bagamano Bagabaldo
PP2442	Driver Behavior Analysis under Heterogeneous Traffic Conditions					Ankit Gupta
PP2463	Queue discharging characteristics in mixed traffic considering the stopping queue patterns					Ka lo WONG
PP2476	Two-Wheeler Rider Behavioral Modeling of Literate Youth on Urban Roads					Kumar Molugaram
PP2690	Effectiveness of analysis using precipitation intensity by radar on expressway					Mitsuhiro Hattori
Session Name	Driving Behavior and Safety (1)	2019-09-09	16:00 - 17:30	Venue :	Olu	
Manuscript Number	Article Title					Author name
PP2451	Exploratory Study in Calibrating the Politeness Factor of MOBIL					Jebus Edrei Taguam
PP2464	Red Box Motorcycle Evaluation at Signalized Intersection in Denpasar Bali					Agah Muhammad Mulyadi
PP2493	Countermeasures for Enhancing Road Traffic Safety for Motorcycle Users in Vietnam: Findings from The Focus Groups and In-Depth Interviews Studies					Man Dinh Vinh Nguyen
PP2498	Effect of Driver Behaviour Parameters on Vehicular Conflict at Unsignalized Intersections using micro-simulation					PRADHAN KUMAR AKINAPALLI
Session Name	Operation and Management of Air/Water Transportation (1)	2019-09-09	16:00 - 17:30	Venue :	Nelum	
Manuscript Number	Article Title					Author name
PP2414	Water Transit in Guangzhou: a comparison of system characteristics with international peers					Matthew Ian Burke
PP2531	Connectivity Developments in Air Transport Networks at Primary Asian Airports					Hidenobu Matsumoto
PP2536	How to Establish West Japan-ASEAN RORO Ship Route?: Based on Network Analysis					Jun KIMATA
PP2542	The Low-Cost Carrier (LCC) in Southeast Asia: Towards new distance and aircraft patterns					Daniel Ligeralde Mabazza
PP2631	Measuring Impacts of Japanese "Modal-Shift" Policy on International Container Cargo Flow by using Intermodal Network Assignment Model with Cabotage Constraint					Ryuichi SHIBASAKI
Session Name	Emerging Technology (C-ITS/Autonomous/IoT) (1)	2019-09-09	16:00 - 17:30	Venue :	Manel	
Manuscript Number	Article Title					Author name
PP2544	Attitude and Usage Intention of Highschool Students Toward Electric Two-Wheeled Vehicles in Hanoi City					Thuy Thu Trinh
PP2680	UNDERSTANDING TRAVEL TO WORK ATTRIBUTES USING MOBILE NETWORK BIG DATA					N.K.Bhagya Jeewanthi
PP2709	A Survey on AI use in Japanese Transportation Sector: Current Practice and Policy Challenges					Ryosuke Abe

Session Name	Entry Point of Mobility Management Measures in Asia (IRG-30-2017)	2019-09-09	16:00 - 17:30	Venue :	Falsetto
Manuscript Number	Article Title				Author name
PP2236	Empirical Analysis of the Effects of Implementing Mobility Management at Inadequately Mass Transit Developed Area -A Case of Bandung, Indonesia				Taiyo Ishikawa
PP2239	Feasibility Analysis of Mobility Management in Hanoi and Ho Chi Minh City, Vietnam				Kota Kimura
Session Name	Transportation and Natural Disasters (1)	2019-09-10	09:00 - 10:30	Venue :	Grand Ballroom 1/3
Manuscript Number	Article Title				Author name
PP2195	Earthquake Evacuation Choice Model Based on the Stated Preference Approach for Residents in Surigao City, Philippines				Sherwin Roy San Pablo Calumba
PP2202	Impact of Rainfall Condition on Traffic Operation of Urban Road Network				piyapong suwanno
PP2205	Influence of Artificial Evacuation Mound Placement on Residents' Consciousness of Tsunami Evacuation				Kazuyuki Takada
PP2240	From Superstatistics of Hubs of efforts to Assertions of Values: The Emergence of the Response-receptive Dynamical Economy Theory				Bahram Mojarrabi
PP2641	Long-term Development Policy of JICA on Cross-border Logistics Infrastructure in Indo-Pacific Region				Naoki Otani
Session Name	Travel Behavior Analysis (2)	2019-09-10	09:00 - 10:30	Venue :	Albatross
Manuscript Number	Article Title				Author name
PP2263	Analysis of tourist travel behavior and recommendation for active transport encouragement strategies, the case of Hue city				Truong Thi My Thanh
PP2265	Changes in Travel Behaviors of Life Stage Relative to Period and Generation				Shota KAWAKAMI
PP2272	Estimation of Mode Shift using Revealed Preference (RP) Technique for Hyderabad Metro Rail (HMR)				Kumar Molugaram
PP2274	Factors Influencing the Travel Time Perception of Cyclists: A case study of a Residential Campus				Bharat Kumar A V A
PP2689	Modeling drivers' parking lot choice behaviors in motorcycle dependent cities: Case of Ho Chi Minh City				Hoang Phuc Hoang
Session Name	Transportation and Environment (1)	2019-09-10	09:00 - 10:30	Venue :	Eagle
Manuscript Number	Article Title				Author name
PP2217	Simulation of Metro Manila Public Transportation Network under Flooded Conditions				Raymund Paolo Bilo Abad
PP2291	SUSTAINABLE MOBILITY TARGET: RELATIONSHIPS BETWEEN AGE-GENDER WITH PERCEPTIONS AND ATTITUDES OF CAR USERS				FAZILATULAILI ALI
PP2354	A Method to Reflect Distance Decay Effects on Land Use Regression Model				Youngkook Kim
PP2356	Analysis of Factors to Cause Hokkaido Sika Deer Vehicle Collisions using Poisson Regression Model - Case Study of National Route 44 in Hokkaido, Japan -				Tomoki Washio
PP2357	Determining Hydrogen Filling Station Allocation Strategies in Tainan City, Taiwan				Tzu-Chang Lee
Session Name	Bus and BRT (Bus Rapid Transit) (1)	2019-09-10	09:00 - 10:30	Venue :	Olu
Manuscript Number	Article Title				Author name
PP2233	Cost Saving Effect and Resident Satisfaction of Community Bus Replacement Service Provided by Taxi				Hideki KATO
PP2251	Premium Point to Point (P2P) Bus Service System: An Initial Assessment of Current Routes in Metro Manila				Paolo Ian Casjip Lucero
PP2366	A Preliminary Study of Traffic Impacts Due to Operational Improvement of Bus Rapid Transit in Bangkok Using Microscopic Traffic Simulation				Anousone Sisoutham
PP2377	Analyzing Route Segment Performance Based on Multiple Indicators Using DEA: A Case Study on Ahmedabad BRT				Tetsuhiro ISHIZAKA
PP2386	Evaluating Operational Performance of City Bus Transit Service Using TCQSM Guidelines: A Case Study of Surat City				SHRINIWAS Shrikant ARKATKAR
Session Name	Traffic Flow Analysis (1)	2019-09-10	09:00 - 10:30	Venue :	Nelum
Manuscript Number	Article Title				Author name
PP2434	A Study on the Characteristics of MFD determined by Probe Data				Takahiro Tsubota
PP2453	Impact of Weather Conditions and Road Structure on Winter Travel Speeds				Jun Ito
PP2459	Modeling Traffic flow along four lane dual carriageway roads in Kandy				Umesh Ashen Lowe
PP2470	Study on Acceleration and Deceleration Characteristics of Vehicles Influenced by Crossing Pedestrians at Urban Midblock Sections				Ashish Dhamaniya
Session Name	Accident Analysis (2)	2019-09-10	09:00 - 10:30	Venue :	Manel
Manuscript Number	Article Title				Author name
PP2478	A Comprehensive Study on Identification of Risk Factors for Fatal Pedestrian Crashes at Urban Intersections in a Developing Country				Dipanjan Mukherjee
PP2638	Performance Evaluation of Machine Learning Algorithm for Crash Risk Prediction				Shin Hyoung Park
PP2639	Development of Effect Analysis Techniques for Installation of Jaywalking Prevention Facility using Cluster Analysis and Empirical Bayes Method				Shin Hyoung Park
PP2686	Motorcycle Traffic Accident Analysis and Motorcyclist Risky Driving Behavior Survey in Taiwan				Tien-Pen Hsu
Session Name	Asia-Specific Issues (2)	2019-09-10	11:00 - 13:00	Venue :	Grand Ballroom 1/3
Manuscript Number	Article Title				Author name
PP2206	Measuring Heterogeneity in Pedestrian Satisfaction of Existing Facilities in Urban India – A Tale of Three Cities				Arkopal K Goswami
PP2208	Modification of SIDRA Model for Capacity Estimation of Urban Roundabouts under Mixed Traffic Condition in Sri Lanka				Tharuka Karunarathne
PP2209	Motorcycle Helmet in Vietnam: Why Success? A Study on the Lessons from Implementation Process				Dinh Van Hiep
PP2212	Redesigning the Interiors of Public Buses in Dhaka City: Exploring the Gender based Perceptions and Preferences				Moinul Hossain
PP2216	Service Quality of Public Buses Perceived by Female Commuters in a Developing City				Moinul Hossain
PP2218	Strategies for Integrated Transport and Urban Development in Asian Developing Countries				Van Thi Cam Nguyen
Session Name	TDM Policy and Mobility Management (1)	2019-09-10	11:00 - 13:00	Venue :	Albatross
Manuscript Number	Article Title				Author name
PP2241	Impact Analysis of Domestic Aviation Deregulation Policies in Japan after 2000				Hina Omuro
PP2242	Implementing Stage-Based Models of Behavioral Change as Menu-Based Intervention				Varsolo Sunio
PP2244	Initiatives to boost investment and address policy issues that would further develop the supply chain and enhance the competitiveness of the logistics service				Enrico Basilio
PP2246	Merger Forms and Welfare: Evidence from the U.S. Airline Industry				Ryohei Yamamoto
PP2675	Implementation of mobility management for reducing the impact of traffic problems after a huge disaster occurs				yusuke kanda
PP2676	Analysis of the relationship between mobility environment and health by cross-regional data				yusuke kanda
Session Name	City Logistics (1)	2019-09-10	11:00 - 13:00	Venue :	Eagle
Manuscript Number	Article Title				Author name
PP2304	A Model to Estimate Freight Movement in Urban Context Originated by Wholesaler Segments				Dipinda Nalin Bandara
PP2306	A Novel Recombination approach to solve Prize Collecting Vehicle Routing Problem				Ching-Jung TING
PP2309	A UCT-Based Approach for Traveling Salesman Problem with Drone				Anh Minh Nguyen
PP2311	Analysis of the Demand-Side Characteristics of Mumbai Dabbawala Service				Yu-Ting Hsu
PP2315	Geographical dimension of e-commerce logistics facilities in Tokyo Metropolitan Region, Japan				Chathura Kovida De Silva
PP2322	The Risk of Inland Waterway Transport During the Logistics Growth Period of Ayutthaya Province of Thailand				Kanisa Rungjang
Session Name	Pedestrian and Bicycle (1)	2019-09-10	11:00 - 13:00	Venue :	Olu
Manuscript Number	Article Title				Author name
PP2182	A Proposal and its Effectivity of a Tsunami Evacuation Guidance System Considering Visitors' Preference				Kiichiro HATOYAMA
PP2198	Factors Affecting on Implementation of Bicycle Sharing System in Major City Areas in Sri Lanka				Tharuka Karunarathne
PP2269	Determining the Impacts of Pedestrian Facility Improvements on Mode Choice of Car Users: A Case Study of the Ortigas Center				Edgardo Jr Aguilar Brillón
PP2394	How Far People Can Walk to Access Metro? A Study of Access Trip Characteristics of Delhi Metro Users				Akshay Gupta
PP2396	Identification of factors towards contributing frequency of walking to access urban rail transit station				Mohd Farid Jaafar Sidek
PP2553	Exploring Cyclist Flow Patterns at Signalized Crossing: Perspective of Cyclist-Pedestrian Conflict Analysis				Yu-Ting Hsu
Session Name	Driving Behavior and Safety (2)	2019-09-10	11:00 - 13:00	Venue :	Nelum
Manuscript Number	Article Title				Author name
PP2501	Evaluating the Effects of Road Hump on Speed and Noise Level at a University Setting				NUR ASIAH MUSTAFA
PP2514	Mobile Phone Use at Un-signalized Mid-block Pedestrian Crossings in Sri Lanka				Niranga Amarasingha
PP2522	Study on Differences in Situational Awareness Between Elderly and Middle-aged Drivers in a Level 2 Automated Vehicle and in a Non-Automated Vehicle				SHUHEI WADA
PP2529	Visibility Assessment of Pro-beam Road Light on the Test Track				Toru Hagiwara
PP2657	Experiment on Desirable Structures for Two-step Crossing System that Supports Safe Crossing of Pedestrians				Hiroshi KOBAYASHI

Session Name	Operation and Management of Air/Water Transportation (2)	2019-09-10	11:00 - 13:00	Venue : Manel	
Manuscript Number	Article Title				Author name
PP2537	Research on Simulation and Optimization of Ship Lock Scheduling Based on Rapid Arrange Algorithm				Zijian GUO
PP2540	The Impact of Flexible Berthing Scheme on Navigation in One-way Channel with Multi-junction				Zijian GUO
PP2632	Analysis of flight operations and capacity constraints at Bandara Naik International Airport (BIA)				Asiri Prabhath Senasinghe
PP2633	Passenger attitudes to Airline service quality and expectations				Asiri Prabhath Senasinghe
PP2637	Contribution of Maritime Logistics Developments to the network connectivity of Ports				Surandika Rupasinghe
PP2703	A dualistic model to study air technicians' safety behavior				Shu-Chuan Chen
Session Name	Institutions for Railway Development in Asian Cities (IRDAC) (IRG-26-2014)	2019-09-10	11:00 - 13:00	Venue : Grand Ballroom 2/3	ISC Special Session
Manuscript Number	Article Title				Author name
PP2606	Urban rail transit PPPs: Lessons from China				Shengchuan ZHAO
PP2624	Current of Southeast Asia urban transportation				Yasushi sugo
PP2626	Comparative Financial Analysis of PPP Urban Railway Projects in Asian Mega Cities				Yasushi sugo
PP2627	New PPP Methods to Share the Risk in Korea				Sungwon Lee
Session Name	Asia-Specific Issues (3)	2019-09-10	14:00 - 15:30	Venue : Albatross	
Manuscript Number	Article Title				Author name
PP2221	Traffic Culture of Motorcycle Users in Vietnam: A Study for Evaluation after 10 Years of Official Deployment				Dinh Van Hiep
PP2223	Twitter to Transport: Geo-Spatial Sentiment Analysis of Traffic Tweets to Discover People's Feelings for Urban Transportation Issues				Narayan Chaturvedi
PP2231	A Systematic Approach to Identify Congestion Charging				Thillaiampalam SIVAKUMAR
PP2301	Why do shoppers keep making trip for online shopping? Learning from evidence in Bandung, Indonesia				Tri Basuki Joewono
PP2378	Assessing and Improving Schedule Reliability of Bus Route under Mixed Traffic Environment				SHRINIWAS Shrikant ARKATKAR
Session Name	Network Analysis and Traffic Assignment (1)	2019-09-10	14:00 - 15:30	Venue : Eagle	
Manuscript Number	Article Title				Author name
PP2268	Demand Estimation of a New Light Rail Transit in a Tourist City Considering the Change in Population Distribution –A Case Study for Kanazawa City, Japan–				Tetsuji Sato
PP2281	Modified Greedy Algorithm for Game-Theoretic Traffic Assignment				Patrick Rollan
PP2288	Route Choice and Road Network Analysis to Evaluate Traffic Congestion between Two Roundabouts				Lin Zarni Win
PP2289	Semi-dynamic Markovian path flow estimator considering the inconsistencies of traffic counts				Hiroshi Shimamoto
PP2628	Issues Related with Census Based Traffic Analysis Zone (TAZ) Delineation in Statewide Traffic Demand Models (STDM) in Sri Lanka				Thillaiampalam SIVAKUMAR
Session Name	Minibus and Paratransit (1)	2019-09-10	14:00 - 15:30	Venue : Olu	
Manuscript Number	Article Title				Author name
PP2347	Study of the Effect of Promoting Shopping through An Alliance between Community Café and Public Transportation				Kunihiro Kishi
PP2410	Service Quality Analysis for Online-taxi: A Case Study of Malang City, Indonesia				Achmad Wicaksono
PP2600	Low-income working women's perception on Paratransit Service Quality: A Structural Equation Model (SEM) Approach for Dhaka city				Farzana Rahman
PP2687	User response to demand-responsive transit in the mountain area: case study of Chunri Township, Pingtung County, Taiwan				Hao-Ching Hsia
Session Name	Pavements (2)	2019-09-10	14:00 - 15:30	Venue : Nelum	
Manuscript Number	Article Title				Author name
PP2420	Development of Automatic Concrete Cracks Detection System Using Average Shifted Mesh				Makoto FUJII
PP2431	Suitability of coal bottom ash and carbonized rice husk in hot mix asphalt				Terrance Mohanaraj Rengarasu
PP2433	Utilization Analysis of On-street Parking Facility in Carmen Public Market, Cagayan De Oro City, Philippines				Anabel Abugaa Abuzo
PP2617	Parking Study and Willingness to Pay for Vehicle Parking: The Case in Iligan City, Philippines				METODIA MAQUILING TRINIDAD
PP2618	Parking Adequacy around Wet Market, Iligan City				METODIA MAQUILING TRINIDAD
Session Name	Highway Capacity and Quality of Service (1)	2019-09-10	14:00 - 15:30	Venue : Manel	
Manuscript Number	Article Title				Author name
PP2435	Analysis of Level of Service for Manually Operated Tollbooths under Mixed Traffic Scenario				Ashish Dhamaniya
PP2456	JEEPNEY UTILIZATION AND RE-ROUTING ANALYSIS FOR COGON PUBLIC MARKET, CAGAYAN DE ORO CITY, PHILIPPINES				Anabel Abugaa Abuzo
PP2461	Performance Evaluation of Undivided Streets: A Clustering-based Approach				Subhadip Biswas
PP2477	Whether Weather Matters to Traffic Flow in an Expressway				Hanzel Naval Mejia
Session Name	Survey and Data Collection (1)	2019-09-10	16:00 - 17:30	Venue : Grand Ballroom 1/3	
Manuscript Number	Article Title				Author name
PP2191	Comparison of Crossing Speed Variation of Pedestrians at Signalized Crosswalks with and without Countdown Displays				Tharuka Karunarathne
PP2584	Determinant of the Level of Service (LOS) of the Arterial Roads in Vigan City, Ilocos Sur, Philippines				FRANKLYN TINAZA AMISTAD
PP2647	Travel Behaviour of Public Transport Passenger at Kandy City under Unplanned Terminal Setup				Tissa Urala Liyanage
PP2714	Evaluation of Existing Pedestrian Walkways and Facilities: An Analysis to Formulate Pedestrian Planning Guidelines				Andre Frias del Rosario
Session Name	Project Evaluation (1)	2019-09-10	16:00 - 17:30	Venue : Albatross	
Manuscript Number	Article Title				Author name
PP2250	Preliminary Study on Transit-Induced Residential Gentrification in Nagoya, Japan				lisha wang
PP2267	A Study on the Barriers of the Thai Government for Development of High Speed Rail Project				Kittipong Tissayakorn
PP2574	Financial analysis and recommendations for the sustainability of toll road projects				Truong Thi My Thanh
PP2696	Risk Analysis of PPP in Kaohsiung MRT project				CHENG-MIN FENG
Session Name	Land Use and Spatial Analysis (1)	2019-09-10	16:00 - 17:30	Venue : Eagle	
Manuscript Number	Article Title				Author name
PP2326	Accessibility Assessment of Cities Based On Network Analysis and Centrality				Amila Buddhika Jayasinghe
PP2338	Identification and Classification of Land Use Types in Yangon City by Using Mobile Call Detail Records (CDRs) Data				Thiri Aung
PP2340	Impact of Land Use Type over Pedestrian Flow Characteristics for Skywalk Facilities in Mumbai, India				Arunabha Banerjee
PP2343	Proposal on Integrated Bus Planning Sites for Mandalay City				Supe Thu
PP2345	Road Network Centrality based Model to Simulate Population Distribution				Amila Buddhika Jayasinghe
Session Name	Evaluation on Safety Measures (1)	2019-09-10	16:00 - 17:30	Venue : Olu	
Manuscript Number	Article Title				Author name
PP2200	Human Factor And Safety Culture In Vietnamese Urban Railway				Tuan Anh Luong
PP2365	A Nationwide Road Safety Education Initiative Among Children: Is It Workable, Scalable and Replicable?				kulanthayan KC Mani
PP2502	Evaluating the Effects of Road Hump on The Speed of Vehicles in An Institutional Environment				NUR NAJIAH AZHANI ROSLI
PP2516	Predicting Individual Vehicle Speed Profile of Urban Residential Streets where a Single Hump is Present Considering the Road Geometric Features				Mursheda Rahman
Session Name	New Transport Industry (Car-Sharing/Carpool/Bike-Sharing/Uber/Personal Mobility) (1)	2019-09-10	16:00 - 17:30	Venue : Nelum	
Manuscript Number	Article Title				Author name
PP2382	Assessment of Transportation Network Vehicle Services from the Drivers' Perspective				Jose Regin F. REGIDOR
PP2559	Impacts of an Economic Incentive for Intercity Peer-to-Peer Ride-Sharing in Sparsely Populated Areas				Azarel Chamorro Obra
PP2573	Bicycle Hire Scheme (BHS): Is it Possible to Implement in Dhaka City?				M. Shafiq Ur Rahman
PP2585	Evaluate and Identify the Factors Impact on Selecting a Mobile App-Based Taxi service in Sri Lanka (Users' Perspective)				Pradeepa Jayaratne
PP2679	Opportunities and Challenges: How Bike Sharing System is Promoting Cycling as a Mode of Transportation in Penang				Nadhrak Kadir

Session Name	Engineering, Technology, and Design (1)	2019-09-10	16:00 - 17:30	Venue :	Manel
Manuscript Number	Article Title				Author name
PP2384	Evaluation of the Modernized Jeepney "DyipKo" based on Local and International Standards and its Acceptance among Passengers				Alben Rome Bagamano Bagabaldo
PP2409	Resilient element attached under the concrete sleepers to improve the rail track performances				Sinniah Karuppiah Navaratnarajah
PP2528	Traffic Sign Detection Using Convolutional Neural Networks				Dung Ngoc Bui
PP2548	Modeling of Track Longitudinal Level Irregularity Based on High Frequency Measured Data				Takeshi Nomura
PP2575	The Features of Shinkansen System and Infrastructures Japanese Engineers Challenging in Recent Three Decades				Hitoshi ASAMI
Session Name	Gender and Transport Nexus: Achieving A More Equitable and Inclusive Society (IRG-29-2016)	2019-09-10	16:00 - 17:30	Venue :	Falsetto
Manuscript Number	Article Title				Author name
PP2215	Role of Female-Only Bus Services in Promoting Social Inclusion: A Case Study of Lahore, Pakistan				MUHAMMAD AHMAD AL-RASHID
PP2678	Gender Mainstreaming in Public Transport Operation in Sri Lanka for Better Economic Returns				Haruko Kamei
Session Name	Asia-Specific Issues (4)	2019-09-11	09:00 - 10:30	Venue :	Grand Ballroom 1/3
Manuscript Number	Article Title				Author name
PP2458	Modeling Optimal Mode Share of Paratransits using VISSIM for Congested One-Way Traffic Urban Roads				Ranja Bandyopadhyaya
PP2468	Service Time Variation Analysis at Manually Operated Toll Plazas under Mixed Traffic conditions in India				Ashish Dhamaniya
PP2469	Statistical Distribution Analysis of Clearance Time at Manually Operated Toll Plazas under Mixed Traffic Conditions				Ashish Dhamaniya
PP2582	Predictors of Aberrant Driving Behaviors of Pakistani Drivers by using Proportional Odds (PO) model				Jing SHI
PP2599	Designing a discrete choice experiment for application to transport developing country: An empirical study of alternate routes prior to the construction of a new				MONITA YESSY BEATRICK YESSY
Session Name	Sustainable Transportation Policy (1)	2019-09-11	09:00 - 10:30	Venue :	Albatross
Manuscript Number	Article Title				Author name
PP2211	Participation of the Communities' Physical Contribution for Developing Rural Traffic Infrastructure of Dong Nai Province, Vietnam				Dinh Tuan Hai
PP2247	Modeling of Traffic Impact Analysis (TIA) with System Approach and GIS Integration				Ponnurangam Palani
PP2248	National Transport Policy in Malaysia – from the Time of Independence until Today				Masria Mustafa
PP2256	Travel Experience and Multitasking of Toll Road Users in Jakarta Metropolitan Area, Indonesia: An Investigation for Passenger of Private Car, Taxi, and Ride-sourcing				Muhamad Rizki
PP2593	Modelling Railway Station Access Mode Choice Behaviour and Rail Travel Demand				Li Meng
Session Name	Travel Behavior Analysis (3)	2019-09-11	09:00 - 10:30	Venue :	Eagle
Manuscript Number	Article Title				Author name
PP2275	Identification of Priority Attributes Influencing the Choice of Plug-in Hybrid Electric Vehicle in Indian Megacities				Bhargab Maitra
PP2282	Optimization of Bus Stop Allocation & Time Scheduling Using Bus GPS Data				thet htun aung
PP2285	R Programming Language Written for Estimation of the Integrated Multinomial Logit-Linear Regression Model Based on a Copula Approach: A Technical Article				Monorom Rith
PP2295	The parents' role in school mode choice for their children: A case study in Guwahati				Rahul Raoniari
PP2561	Explore the Decision Behavior of Departure Time Based on Butterfly Model: A Case Study of Freeway No. 5 in Taiwan				Yu-Kai Huang
Session Name	Logistics and Freight Transportation Policy (2)	2019-09-11	09:00 - 10:30	Venue :	Olu
Manuscript Number	Article Title				Author name
PP2312	Analysis on Cross-Border Transport Logistics of Coal Export				DELGERNASAN Mishig
PP2577	Competitive Location and Design Problem between Two Different Types of Retail Stores				Tsung-Sheng Chang
PP2578	Competitive/Complementary Relationships and Concentration among Indian Container Ports				Chathumi Ayanthi Kavirathna
PP2684	Path dependence in port choice: Evidence from Japan				Hidekazu ITO
PP2713	Selection Of Acacia Wood Suppliers At XYZ Furniture Using The Promethee Method				Nurlaela Kumala Kumala Dewi
Session Name	Tourism and Leisure Activities (1)	2019-09-11	09:00 - 10:30	Venue :	Nelum
Manuscript Number	Article Title				Author name
PP2337	Foreign Tourists' Aggressive Driving Behavior in the Eyes of Bali Local Resident				Nicholas Marpaung
PP2341	Lessons Learned from Developing R3A toward Implementing Tourism Policy for Thailand's Upcoming Challenges: A Case Study on Private Car Tourism				Sumalee - Sukdanont
PP2348	The Characteristics Long Holiday Travel of Eid Al-Fitr in Indonesia				Leksmono Suryo Putranto
PP2351	The Interactive Creation of Local Identity in Tourist Visiting Cities: A Comparative study of Nara, Bologna, and Santa Barbara				nakano hiroyuki
PP2630	Leisure Activities and Subjective Well-being of University Students in Mongolia				Oyun-Erdene Shirendev
Session Name	Accident Analysis (3)	2019-09-11	09:00 - 10:30	Venue :	Manel
Manuscript Number	Article Title				Author name
PP2482	A systems-based approach to identify influential factors of a downgrade truck collision caused by a brake failure in Vietnam				Do Duy DINH
PP2504	Exploring the Utilization of Crash Data from Waze and Twitter for Official National Crash Database				Varsolo Sunio
PP2519	Road traffic accident analysis and identification of hazardous zones for highway				Moe Thet Thet Aye
PP2655	Comparative Analysis of the Effect of Expressway Speed Limit on Traffic Crashes				Oh Hoon KWON
Session Name	Motorcycle, Motor Scooter, Motorbike Ownership and Use in South East Asia Cities (1) (IRG-28-2015)	2019-09-11	09:00 - 10:30	Venue :	Falsetto
Manuscript Number	Article Title				Author name
PP2186	An evaluation of motorcycle ownership in Ho Chi Minh city				TRAN VU TU
PP2226	Vehicle Ownership Comparison between Ho Chi Minh city and Bangkok				TRAN VU TU
PP2543	App-based Motorcycle Ridesharing Services in Dhaka City: Female Users' Opinions and Perception				M. Shafiq Ur Rahman
PP2597	Vehicle Ownership Trends in Ho Chi Minh city and Bangkok				TRAN VU TU
Session Name	Logistics Network and Variety in Asian Context: Globalization and Localization (IRG-32-2017)	2019-09-11	09:00 - 10:30	Venue :	View
Manuscript Number	Article Title				Author name
PP2308	A Stochastic Programming Model for Locating Distribution Centers with Upstream Transportation Integration				Kuan Cheng Huang
PP2562	Widening narrow alleys to enhance response efficiency for fire emergency from the perspective of urban roadway network analysis				Yu-Ting Hsu
PP2621	The Current State of Bangkok Mass Transit System				pichai taneerananon
Session Name	Others (1)	2019-09-11	11:00 - 13:00	Venue :	Grand Ballroom 1/3
Manuscript Number	Article Title				Author name
PP2224	Understanding of Population Difference between Railway Lines in Tokyo Metropolitan Area				Takayoshi Tsuchiya
PP2339	Impact of International and Domestic Flights to/from Japanese Local Airports on Overnight Stays of Foreign Visitors in Japan: An Analysis				Yoshikazu Kuki
PP2506	Factors Influencing Pedestrian Signal Violations: A Case Study from Kolkata, India				Dipanjani Mukherjee
PP2525	Study on the Feasibility of Cross Sector Cooperation Approach towards Road Traffic Safety				MURUNGI ELIZABETH MWEBESA
PP2535	Examining Safety Performance at Sea: Malaysian Seafarers' Perspective				SUZANNA RAZALI CHAN
PP2712	Fourth Industrial Revolution and Transport: Implications for Transport Behavior				Sungwon Lee
Session Name	Pedestrian and Bicycle (2)	2019-09-11	11:00 - 13:00	Venue :	View
Manuscript Number	Article Title				Author name
PP2389	Evaluation of Walking Environment around Urban Railway Stations in Bangkok and Consideration of Improvement Plan				Atsushi FUKUDA
PP2390	Exploring the Factors Influencing Bicycle Use in a Medium-Sized City: the Case of Iloilo City, Philippines				Jerilee Pachoco Cameña
PP2398	Modelling of Pedestrian Sign Location in a Large Transport Hub				Yongho Ahn
PP2612	Psychological factors on bicycle commute and strategies to accelerate the adoption of cycling for transportation				Liya Yang
PP2673	Changes in Subjective and Objective Comfort for Pedestrians and Cyclists After Road-Space Reallocation : A Case Study of Midosuji, Osaka				Haruka Kawachi
PP2705	Role of Microscale Built Environment Factors on Perceived Walk Accessibility to Metro Stations: A Case of Delhi Metro				G R Bivina

Session Name	Transit and Urban/Regional Development (1)	2019-09-11	11:00 - 13:00	Venue :	Albatross	
Manuscript Number	Article Title					Author name
PP2372	An Approach to Distinguish Destination from the Alighting Stop based on Fare Data					Mona Mosallanejad
PP2397	Impacts of Rail Transit and Locational Characteristics on Condominium Prices in the Bangkok Metropolitan Region					Saksith CHALERMPONG
PP2407	Possibility of Transit Oriented Development at Asian Small Sized City from View Point of Citizen's Acceptability					Tetsuhiro ISHIZAKA
PP2411	Single Rail Train Dispatch Time Optimization Under Static Demand and Fixed Train Capacity					John Justine Villar
PP2629	Impacts of Chinese High-Speed Rail on Urban Economic Agglomeration: based on the heterogeneity of industry types and city types					SIQI WAN
PP2648	Household displacement of metro-induced gentrification					Jen-Jia LIN
Session Name	Pavements (1)	2019-09-11	11:00 - 13:00	Venue :	Eagle	
Manuscript Number	Article Title					Author name
PP2416	A Decision Making Framework for Condition Evaluation of Airfield Pavements using Non-Destructive Testing					Ajit Pratap Singh
PP2421	Durability Performance of Asphalt Concrete Wearing Course Using Marble Waste as Filler					Rani Bastari Alkam
PP2425	Mechanical Properties of Modified HMA Containing Polyethylene Terephthalate fibers as binder additive and Carbonized Wood Particles as fine Aggregate					Nishanthini Jegatheesan
PP2426	Pareto Optimisation Approach for Functional Design of Pervious Pavements Using Numerical Modelling					Ghim Ping Ong
PP2427	Pulverized Ceramic Tile Waste as Potential Mineral Filler in Hot Mix Asphalt					Ma Bernadeth Borleo Lim
PP2428	Rheological Characteristics of Crumb Rubber Modified Asphalt					Min-Chih Liao
Session Name	ITS (1)	2019-09-11	11:00 - 13:00	Venue :	Olu	
Manuscript Number	Article Title					Author name
PP2447	Evaluation of Merging Behavior of Connected and Automated Vehicles at On-ramps					Toru Hagiwara
PP2448	Evaluation of Traffic Collision Risk and CO2 Emission Reduction under Providing Accelerator-off Indication to Multiple Vehicles					Yukimasa Matsumoto
PP2462	Predictive intelligence: A neural network learning system for traffic condition prediction and monitoring on freeways					Rusul Abduljabbar
PP2474	Transition and Problem of Probe Data Research in the Field of Road Transportation in Japan					Yoichiro Kataya
PP2475	Travel Time Information on Urban Roadways for Advanced Travelers Information System Using Data from Bluetooth MAC Scanners					Porntep Puangprakhon
PP2671	Identification Methods of Traffic Accident Hazardous Area on Residential Roads by using Probe Data					Haruka Kawase
Session Name	Airport Planning, Engineering, and Management (1)	2019-09-11	11:00 - 13:00	Venue :	Nelum	
Manuscript Number	Article Title					Author name
PP2532	Effects of Incentive Policy on Maritime Stakeholders in Japanese Local Ports					Tomoya Kawasaki
PP2534	Estimation of Delay Time and Actual Turnaround Time for Departure Flight from Penghu Airport					SUIJING LI
PP2634	Introduction about business model of investment in the cargo sector at the airport					Daisuke SASAKA
PP2642	Analysis and Characterization of Domestic Air Travel Delay of Low-Cost Airlines at NAI Terminal 4					Teddy Lopez Omilig
PP2649	Study on the Fairness of Shift Scheduling for Airline Ground Staff					SUIJING LI
PP2716	Simulation Analysis of Airport Capacity for Disaster Relief Activities					QINGQI WANG
Session Name	Policy, Planning and Management (1)	2019-09-11	11:00 - 13:00	Venue :	Manel	
Manuscript Number	Article Title					Author name
PP2547	Level of Service and Walkability Analysis of Pedestrian Facility of Public Markets in Cagayan de Oro City Philippines					Anabel Abugaa Abuzo
PP2551	Considering Better Highway ETC System: Comparison between Japan and Taiwan					PO-HSING TSENG
PP2552	Exploring Holiday Trip Patterns on Freeways Based on Electronic Toll Collection Data					Yu-Ting Hsu
PP2622	Sustainable Transport Development in Nepal: Perspective, Preparedness and Action					Indra P TIWARI
PP2699	Comparative Empirical Study on Disaster Prevention Consciousness and Intended Evacuation Behavior of Inbound Tourists and Japanese					Sunkyung Choi
PP2706	AN ASSESSMENT OF THE PEDESTRIANIZATION SCHEME IN THE HERITAGE CITY OF VIGAN, PHILIPPINES					FRANKLYN TINAZA AMISTAD
Session Name	Motorcycle, Motor Scooter, Motorbike Ownership and Use in South East Asia Cities (2) (IRG-28-2015)	2019-09-11	11:00 - 13:00	Venue :	Falsetto	
Manuscript Number	Article Title					Author name
PP2616	How Vehicle Ownership Affects the Noise Pollution – A Study Case in Ho Chi Minh city					TRAN VU TU
PP2619	The Relationship Between Traffic Proportion, Vehicle Ownership and Dust Particle Concentration in Ho Chi Minh city					Linh Thanh TRINH
PP2644	The relationship between Vehicle Ownership and household income in Ho Chi Minh city					Anh Minh Nguyen
PP2219	Study on the Operational and Usage Characteristics of Motorcycle Taxis in Metro Manila					Glenn Simon Dayrit Latonero
Session Name	Survey and Data Collection (2)	2019-09-11	14:00 - 15:30	Venue :	Albatross	
Manuscript Number	Article Title					Author name
PP2180	A Mobile Application Survey in Bangkok Metropolitan Region					Jetpan Wetwitoo
PP2184	A REVIEW ON GRASP OF ROAD TRAFFIC INFORMATION USING PROBE DATA					Yoichiro Kataya
PP2197	ESTIMATION OF PEDESTRIAN FLOW BASED ON WIFI DATA AND VIDEO CAMERAS					Nikolai Alekseev
PP2210	Origin-Destination Trip Pattern Representative by using Bluetooth Data Collection on the Arterial Road Network, Bangkok, Thailand					RATTANAPORN KASEMSRI
Session Name	Network Analysis and Traffic Assignment (2)	2019-09-11	14:00 - 15:30	Venue :	Eagle	
Manuscript Number	Article Title					Author name
PP2260	Accessibility-based Network Design Model Considering Induced Travel Demands					Bi Yu Chen
PP2296	Traffic Flow Prediction Using Micro-Simulator with Multiple Information					Faysal Ibrna Rahman
PP2571	Sequential Intermediate Destination Approach to Route Choice Set Generation					John Justine Villar
PP2572	Discrete Optimization for Path Generation Using Parallel Computing					John Justine Villar
PP2640	Study on the Analysis of the Effect of Traffic Management Plan for Bridge Blockage following Earthquake Outbreak					Shin Hyoung Park
Session Name	Climate Change and Transportation (1)	2019-09-11	14:00 - 15:30	Venue :	Manel	
Manuscript Number	Article Title					Author name
PP2360	Estimation of CO2 Emission in Context of Urban Transportation for City Surat in India					OMKAR SHIRISH BIDKAR
PP2362	REDUCING URBAN POLLUTION, ELECTRIC VEHICLES SHOULD BE DEVELOPED					Trinh VAN CHINH
PP2363	Urban Traffic Emission and Potential Behavioural-Technological Solution					Tu Anh Trinh
PP2607	Impacts of Electric Vehicle Adoption on Emission Reduction and Mitigation Cost					Runsen Zhang
Session Name	Bus and BRT (Bus Rapid Transit) (2)	2019-09-11	14:00 - 15:30	Venue :	Olu	
Manuscript Number	Article Title					Author name
PP2388	Evaluation of Public Transportation Mode Choice with Passenger Satisfaction: A Case Study of the Semi-Luxury Bus Service on the Panadura-Kandy Route in Sri Lanka					Chamila Tharangani Danthanarayana
PP2392	Factors Affecting the Willingness of Paratransit Drivers to Join Regular Bus System					Mohibullah Rahmat
PP2400	Investigating Satisfaction and Its Determinants of BRT-Lite Services in Indonesian Cities					Martina Cecilia Adriana
PP2412	Socio-Economic Factors and Modelling of Transit Buses in the Eastbound Terminal of Cagayan de Oro City, Philippines					Jefferson Jr. Ramos Vallente
Session Name	Driving Behavior and Safety (3)	2019-09-11	14:00 - 15:30	Venue :	Nelum	
Manuscript Number	Article Title					Author name
PP2492	Characterization of Motorcycle Usage in Asia in aid of Motorcycle Road Safety Policy Framework Formulation: The Case of Metro Manila					Hussein S. LIDASAN
PP2499	Effect of Fatigue on Traffic Law Violation of Bus Drivers in context of Developing Countries					Shakil Mohammad Rifaat
PP2508	Impact of Cell Phone Use on Driver Performance in Delhi					Dinesh Mohan
PP2515	Motorbike Drivers Perspective On Wearing of Helmet In Hyderabad Metropolitan City, India					Ramesh Adepun
PP2623	Make Thai Roads Safer with the Safe System Approach					pichai taneerananon
Session Name	Emerging Technology (C-ITS/Autonomous/IoT) (2)	2019-09-11	14:00 - 15:30	Venue :	View	
Manuscript Number	Article Title					Author name
PP2541	Adoption and Utilization of Ride-Hailing Apps in Phnom Penh					Veng Kheang PHUN
PP2556	Examining Travel Time Variability and Reliability on an Urban Arterial Road Using Wi-Fi Detections- A Case Study					SHRINIWAS Shrikant ARKATKAR
PP2557	Exploring Route Choice Behavior Using Wi-Fi Based Derived Travel Time					SHRINIWAS Shrikant ARKATKAR
PP2569	Online Shopping Behavior and Its Impact on Residential Waste					Sudarmanto Budi Nugroho
PP2682	Effect of App Based Cab Services on Travel Patterns and Modal Split in Indian Cities					Udit Jain

Session Name	Better Mobility in New Town: Preparing for Self-Contained Neighborhood in Asia (IRG-31-2017)	2019-09-11	14:00 - 15:30	Venue :	Falsetto
Manuscript Number	Article Title				Author name
PP2550	Exploring Factors Impact on Self-Containment Level of New Towns: A Comparison Study in Hanoi and Surabaya				Hong Thi Anh NGUYEN
PP2697	Route Choice Behavior in a Newtown in Japan Using a Link-based Recursive Logit Model				Canh Xuan DO