



The 11<sup>th</sup> International Conference of  
Eastern Asia Society for Transportation Studies



**EASTS 2015: Cebu**

# **CONFERENCE PROGRAM**

**RESILIENT AND INCLUSIVE  
TRANSPORTATION SYSTEMS  
THROUGH SMARTER MOBILITY**

September 11-14, 2015  
Radisson Blu Hotel  
Cebu, Philippines

**Hosting Organizations:**





**NLEX marks 10th Year**



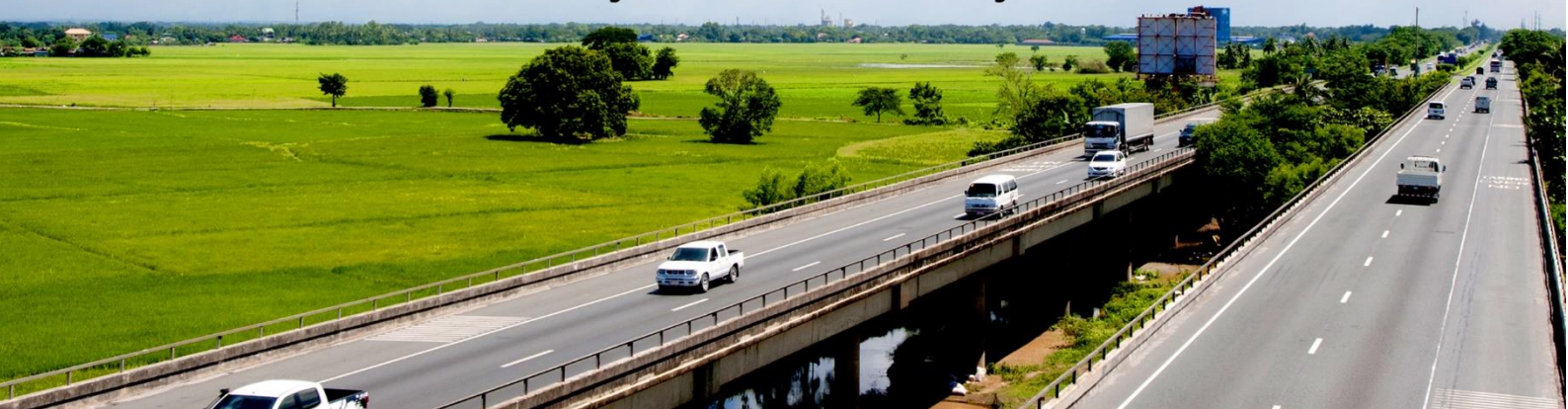
**NLEX** will remain  
the **best.**  
**Ten** more years  
and **beyond.**

NLEX opened its toll plazas to the public in 2005.  
Since then, it has re-invented how people travel.  
How goods move.

Our fearless forecast is this: NLEX will remain the  
country's finest roadway. Our secret:  
**The Essential NLEX. Or TEN**

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World class systems. The best in motorist care.

TEN: Your assurance of the finest of expressways.  
Anytime of the day.



**TOLLWAYS  
MANAGEMENT  
CORPORATION**



## TABLE OF CONTENTS

### **Welcome Messages**

President, Republic of the Philippines	2
Secretary, Department of Transportation and Communications	3
Governor, Province of Cebu	4
President, Eastern Asia Society for Transportation Studies	5
President, Transportation Science Society of the Philippines	6
Former President, Eastern Asia Society for Transportation Studies	7

### **Committees**

### **Schedule of Board Meetings and ISC Meeting**

### **Conference Floor Plan**

### **Conference Schedule**

### **Plenary and Special Sessions**

### **International Research Groups**

### **Technical Sessions Schedule**

### **Poster Sessions Schedule**

### **Social Events**

### **Technical Tours**

### **Recreational Tours**

### **Exhibitors**

### **General Information**

### **Cebu City Downtown Map**

### **Conference Sponsors**



## WELCOME MESSAGE



My warmest greetings to the Transportation Science Society of the Philippines as you hold your 11<sup>th</sup> International Conference of the EASTS (Eastern Asia Society for Transportation Studies).

The Philippines has become a competitive global player thanks to the combined efforts of our countrymen in establishing inclusive growth. Business, infrastructure, and education are now on the rise, and, as we continue to build momentum towards equitable progress, even more sectors will reap the rewards of a society founded on integrity and accountability.

Many challenges remain in various aspects of our developments. Past inconsistencies have stunned our growth in key areas: Reliable transportation. Especially around the metropolis, bears the brunt of neglect and entrenched, selfish interest. Our efforts to dismantle its effects remain at the forefront of the transportation agenda. This conference, is, therefore, a dynamic opportunity for your organization to contribute to reform and give the Filipino people the efficient system that they truly deserve. May this event allow us to establish an advanced, effective, and affordable commute for our countrymen.

I wish you a productive and insightful gathering.

A handwritten signature in black ink, which appears to be "B. Aquino III".

**BENIGNO SIMEON C. AQUINO III**  
*President, Republic of the Philippines*



## WELCOME MESSAGE



My warmest welcome to the participants of the 11th International Conference of Eastern Asia Society for Transportation Studies (EASTS 2015) to be held in Cebu from September 11 - 14, 2015.

Since it was founded in November 1994, the EASTS has remained steadfast in fostering and supporting excellence in transportation research and practice. It has also encouraged professional exchange in all aspects and modes of transportation.

The 11<sup>th</sup> International Conference is a welcome activity for it puts across possible solutions to the challenges of transportation mobility.

The theme, “Resilient and Inclusive Transportation Systems through Smarter Mobility,” manifests the Society’s determination to play an active part in introducing innovations that will improve the quality of transportation systems to make these safer and responsive to the needs of the people of the region and of the world.

We truly appreciate proactive initiatives.

On behalf of the Department of Transportation and Communications, I wish for the success of your Conference.

Mabuhay!

A handwritten signature in black ink, appearing to read 'Joe Abaya'.

**JOSEPH EMILIO A. ABAYA**

*Secretary, Department of Transportation and Communications*

## WELCOME MESSAGE



The Eastern Asia Society for Transportation Studies was founded more than twenty years ago to support professional transportation research and implement a safe, rational and efficient transportation system.

The Philippines today is experiencing new needs in the transportation sector - the over-crowded cities, home-to-work transport systems, tourism initiatives and the need to establish growth centers outside of the urban core.

I welcome this session in Cebu as a venue for experts from all over the region to exchange knowledge, ideas and experiences. I am certain that the policies, strategies and plans produced in this gathering will benefit Cebu.

A handwritten signature in black ink, consisting of stylized, flowing letters.

**HILARIO P. DAVIDE III**  
*Governor, Province of Cebu*



## WELCOME MESSAGE



On behalf of EASTS, I would like to extend my sincere appreciation to you and your conference delegates. I deeply believe that the 11th International Conference of the EASTS will not happen in Cebu, Philippines without the commitment and preparation of the Transportation Science Society of the Philippines.

Thanks for your wonderful efforts for arranging the programs and activities.

*Cheng-min Feng*

Dr. CHENG-MIN FENG

*President, Eastern Asia Society for Transportation Studies*

## WELCOME MESSAGE



In behalf of the Transportation Science Society of the Philippines (TSSP), I would like to say that we are pleased and honored to be hosting the 11<sup>th</sup> International Conference of the Eastern Asia Society for Transportation Studies (EASTS). It was in 1995 when the first such EASTS International Conference was held in Manila. It is only fitting that on the 20<sup>th</sup> anniversary of the EASTS the holding of its international conferences should come full circle back into the Philippines. Thus, we come together in Cebu City this year to discuss in the main "*Resilient and Inclusive Transportation Systems through Smarter Mobility*."

Many countries in our part of the world have to deal with natural disasters that put a physical strain on transportation systems, even as a major factor in successful rescue and rehabilitation efforts are functioning systems for the transport of relief and rehabilitation materials and rescue teams and calamity victims. Physically resilient seaports, airports, roads, rails; and the vehicles that use them; and the systems that tie them all together are undoubtedly necessary, nay critical, in these circumstances.

The rapid growth of Asian cities of late have brought with it certain concerns. If nothing is done, over-motorized, congested, socially non-inclusive, and polluted urban areas may persist into the future of a number of these cities. However, with the proper transportation policies and investments made now this need not be the case.

In striving to plan, build and operate resilient and inclusive transportation systems, the application of Information and Communications Technologies is and will continue to be a major feature of such systems.

Welcome to Cebu City, Philippines and the Conference! *Mabuhay!*

A handwritten signature in black ink, reading "Reynaldo B. Vea".

Dr. REYNALDO B. VEA  
*President, Transportation Science Society of the Philippines*  
*Second Vice-President,*  
*Eastern Asia Society for Transportation Studies*  
*Chair, EASTS 2015 Conference Committee*



## WELCOME MESSAGE



It is with great pleasure that I extend my warmest welcome to all the delegates to the 2015 Eastern Asia Society for Transportation Studies Conference (2015 EASTS Conference).

Two decades ago, the Transportation Science Society of the Philippines (TSSP) was privileged to host the first EASTS Conference, which was held in Manila. We are very glad that the EASTS Board of Directors accepted TSSP's offer to host it again, this time with Cebu City as the venue, as the EASTS celebrates its 20<sup>th</sup> Founding Anniversary. We are thankful to Cebu City Mayor Michael Rama and Cebu City's big contractor Willy Go for supporting our bid by joining the TSSP delegation when it presented its proposal at the EASTS Board meeting held in Taipei two years ago.

The EASTS Conference will showcase latest scientific and technological developments in the field of transportation planning and engineering through its technical sessions, exhibits and technical tours. The technical sessions remain the centerpiece of the conference with the presentation of around 500 technical papers.

The TSSP officers and members who belong to various conference committees, led by TSSP incumbent President Dr. Rey Vea, have worked very hard, with the encouragement and support of the EASTS Board of Directors and Secretariat, to ensure the success of 2015 EASTS Conference. No stone has been left unturned. They all deserve a round of applause.

Finally, I hope that the Conference will be professionally and culturally enriching for everyone.

Mabuhay!

A handwritten signature in black ink, appearing to read 'Primitivo C. Cal'.

**Dr. PRIMITIVO C. CAL**  
*Founding President,  
Transportation Science Society of the Philippines  
Former President,  
Eastern Asia Society for Transportation Studies*

## COMMITTEES

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	Rene Santiago	Former President, TSSP
	George Esguerra	Former President, TSSP
	Crispin Emmanuel Diaz	Former President, TSSP
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Executive Asst. to CC Chair	Nannette Villanueva	
Secretariat Invitations and Registration	Alorna Abao	University of the Philippines



## SCHEDULE OF BOARD MEETINGS AND ISC MEETINGS

### Board Meeting I

**Date:** Thursday, September 10  
**Time:** 18:00 - 22:00  
**Venue:** Niña One, Radisson Blu Hotel, Cebu City

### ISC Meeting I

**Date:** Friday, September 11  
**Time:** 13:00 - 17:00  
**Venue:** Santa Maria One, Radisson Blu Hotel, Cebu City

### ISC Meeting II

**Date:** Saturday, September 12  
**Time:** 11:00 - 12:00  
**Venue:** Santa Maria One, Radisson Blu Hotel, Cebu City

### ISC Meeting III

**Date:** Saturday, September 12  
**Time:** 16:00 - 18:00  
**Venue:** Santa Maria One, Radisson Blu Hotel, Cebu City

### Board Meeting II

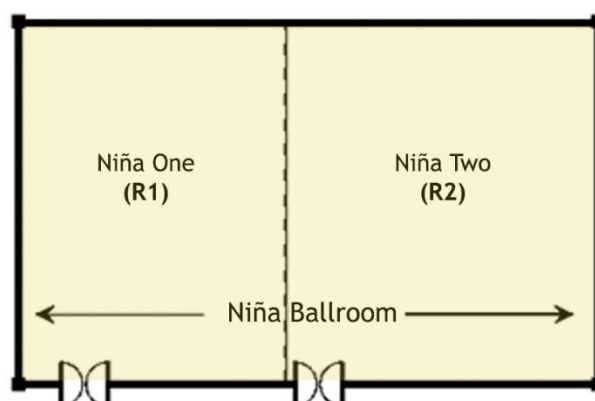
**Date:** Saturday, September 12  
**Time:** 18:00 - 22:00  
**Venue:** Santa Maria Two, Radisson Blu Hotel, Cebu City

### Board Meeting III

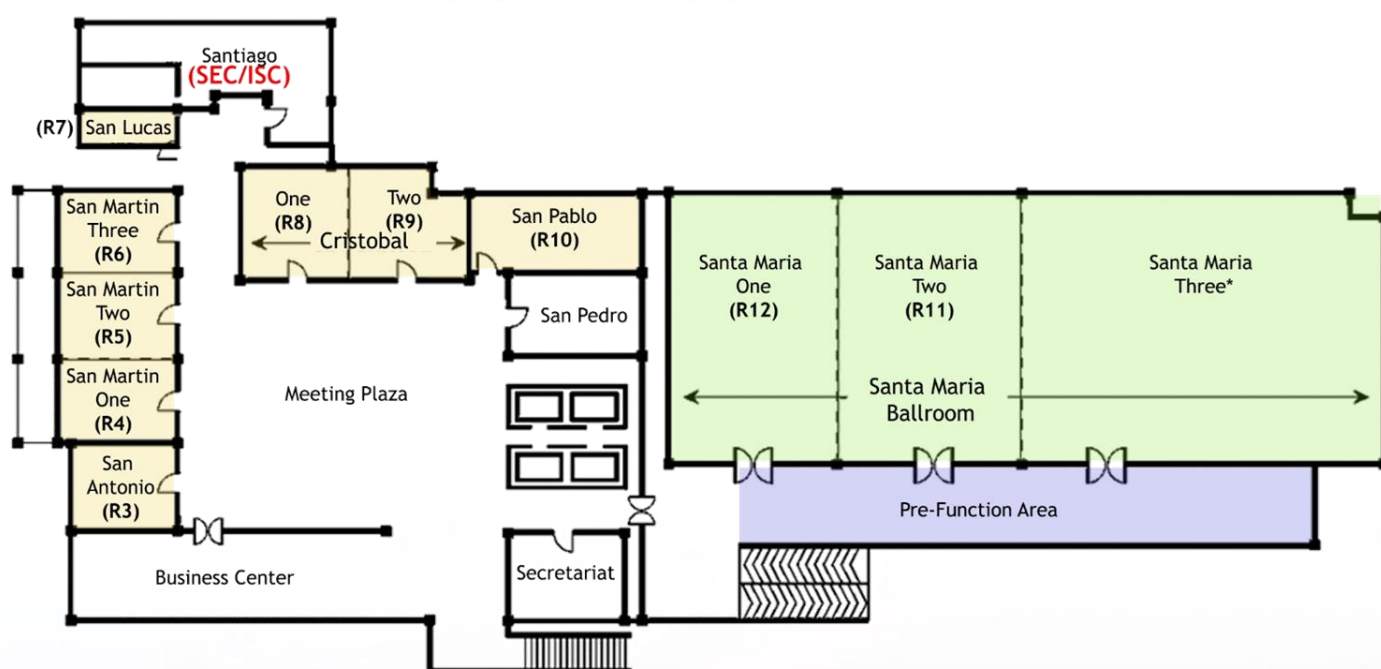
**Date:** Sunday, September 13  
**Time:** 10:00 - 14:00  
**Venue:** Santa Maria One, Radisson Blu Hotel, Cebu City

## CONFERENCE FLOOR PLAN

### LEVEL ONE



### LEVEL TWO



#### Room Directory

R1	Niña One	R7	San Lucas
R2	Niña Two	R8	Cristobal One
R3	San Antonio	R9	Cristobal Two
R4	San Martin One	R10	San Pablo
R5	San Martin Two	R11	Santa Maria Two
R6	San Martin Three	R12	Santa Maria One

*\*Lunch is served at Santa Maria Three and at the Lobby*

## CONFERENCE SCHEDULE

Date	September 11	September 12	September 13	September 14		
Time	Friday	Saturday	Sunday	Monday		
09:00	Opening Ceremonies  Sta. Maria Ballroom	Sessions 4, 16, 28, 40, 52, 64, 76, 88, 99, and 109	Sessions 9, 21, 33, 45, 57, 69, 81, 92, 104, and 114	Technical Tour		
09:15						
09:30						
09:45						
10:00		R1 - R10			R1 - R10	
10:15			Poster Session II		Poster Session IV	
10:30		Sessions 5, 17, 29, 41, 53, 65, 77, 89, 100, and 110				Sessions 10, 22, 34, 46, 58, 70, 82, 93, 105, and 115
10:45						
11:00						
11:15						
11:30		R1 - R10			R1 - R10	
11:45						
12:00	Lunch Santa Maria Three / Lobby	Lunch Santa Maria Three / Lobby	Lunch Santa Maria Three / Lobby			
13:00						
13:15	Sessions 1, 13, 25, 37, 49, 61, 73, 85, and 96	Sessions 6, 18, 30, 42, 54, 66, 78, 90, 101, 111 and 117	Sessions 11, 23, 35, 47, 59, 71, 83, 94, 106, 116, and 119			
14:00						
14:15	R1 - R9	R1 - R11	R1 - R11			
14:30		Poster Session III	Sessions 12, 24, 36, 48, 60, 72, 84, and 95			
14:45	Sessions 2, 14, 26, 38, 50, 62, 74, 86, 97, and 107			Sessions 7, 19, 31, 43, 55, 67, 79, 91, 102, 112, and 118		
15:00						
15:15						
15:30	86, 97, and 107					
15:45	R1 - R10	R1 - R11	R1 - R8			
16:00						
16:15	Sessions 3, 15, 27, 39, 51, 63, 75, 87, 98, and 108	Sessions 8, 20, 32, 44, 56, 68, and 80 R1 - R7	Closing Ceremonies  Sta. Maria Ballroom			
16:30						
16:45						
17:00						
17:15	R1 - R10	Sessions 103 &113 R9 - R10				
17:30						
17:45						
18:00	Welcome Dinner  Sta. Maria Ballroom		Farewell Dinner  Garden			
19:00						
20:00						
21:00						



## PLENARY AND SPECIAL SESSIONS

### WCTR & EASTS Joint Special Session

<b>Topic:</b>	Disaster Resilience in Transport
<b>Time:</b>	Sunday, September 13, 13:15 - 14:30
<b>Venue:</b>	Room 10: San Pablo, Radisson Blu Hotel, Cebu City
<b>Moderators:</b>	Lu Huapu Tsinghua University

### Special Research Project I

<b>Topic:</b>	High Speed Railway and Regional Economic Development
<b>Time:</b>	Saturday, September 12, 13:15 - 14:30
<b>Venue:</b>	Room 11: Santa Maria Two, Radisson Blu Hotel, Cebu City
<b>Moderators:</b>	Jaehak Oh Vice President, The Korea Transport Institute

### Special Research Project II

<b>Topic:</b>	Institutions for Railway Development in Asian Cities: Prospects for PPP
<b>Time:</b>	Saturday, September 12, 14:45 - 16:00
<b>Venue:</b>	Room 11: Santa Maria Two, Radisson Blu Hotel, Cebu City
<b>Moderator:</b>	Prof. Dr. Shigeru Morichi National Graduate Institute of Policy Studies (GRIPS), Tokyo

### Special Research Project III

<b>Topic:</b>	Building Sustainable Urban Logistics System in East Asia
<b>Time:</b>	Sunday, September 13, 13:15 - 14:30
<b>Venue:</b>	Room 11: Santa Maria Two, Radisson Blu Hotel, Cebu City
<b>Moderator:</b>	Jaehak Oh Vice President, The Korea Transport Institute

#### Special Session IV

<b>Topic:</b>	Philippine National Topics
<b>Time:</b>	Saturday, September 12, 09:00 - 10:30
<b>Venue:</b>	Room 11: Santa Maria Two,Radisson Blu Hotel, Cebu City
<b>Moderator:</b>	Dr. Sheilah Napalang SURP, UP Diliman
<b>Presentations:</b>	Proposed National Transport Policy Act - Primitivo C. Cal, UP PLANADES Road Network Development Plan - Usec. Romeo Momo, DPWH Special Vehicle Pollution Control Fund, Corazon Japson, DOTC

#### Special Session V

<b>Topic:</b>	Philippine Metro Transport Systems
<b>Time:</b>	Saturday, September 12, 10:30 - 12:00
<b>Venue:</b>	Room 11: Santa Maria Two,Radisson Blu Hotel, Cebu City
<b>Moderator:</b>	Dr. Jun Castro SURP, UP Diliman
<b>Presentations:</b>	Metro Cebu Infrastructure Roadmap - Roberto Aboitiz, MCDCCB Mega Manila Dream Plan - Shizuo Iwata, ALMEC BRT in Cebu and Metro Manila - Robert Siy, DOTC Lessons Learned in Implementing Rail Projects in the Philippines - Rene Santiago, Bellweather Advisory

## INTERNATIONAL RESEARCH GROUPS

ROOM 10: SAN PABLO			
	Paper Title	Presenter	Authors
(108)	<b>IRG-18-2012: Strategies for a Sustainable Transportation Path for Small- and Medium-Sized Cities in East Asia</b>		
Sept. 11 16:15 - 1730	Mode Shift Behavior of Bus Passengers to Rail System under Improved Rail Conditions	Alexis Fillone	Alexis Fillone Germaine Ann Dilay
	Analysis the Needs for Express Railway Services to Support Multiple Airport System of Greater Jakarta	Suwardo Suwardo	Suwardo Suwardo Iman Haryanto Wiryanta Wiryanta
	Evaluating Proposed Transportation infrastructure Projects in Metro Manila using the Transport Co-Benefit Analysis	Alexis Fillone	Alexis Fillone
	Walkability Measures for City Area in Indonesia (Case Study of Bandung)	Sony Sulaksono Wibowo	Sony Sulaksono Wibowo Natali Tanan Nuryani Tinumbi
(109)	<b>IRG-22-2013: Integrated Sign Systems for Non-motorized Transport and Transit Users</b>		
Sept. 12 09:00 - 10:15	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
	Evaluation of Pedestrian Sign System in a Shopping and Business Tower Complex	Wataru Oniki	Wataru Oniki Hiroshi Tsukaguchi Upali Vandebona
	Analysis of Path Finding Errors of Pedestrians with a New Direction Sign System	Hiroshi Tsukaguchi	Hiroshi Tsukaguchi Upali Vandebona Hayato Mukai Yoongho Ahn
(110)	<b>IRG-15-2009: Sustainable Transport Futures for Cities in Asia and the Pacific</b>		
Sept. 12 10:30 - 11:45	Service Quality Attributes for Public Transportation in Indonesia Cities	Tri Basuki Joewono	Tri Basuki Joewono Djoen Santoso
	Trip Chain made by Students: Classification Analysis and its Interpretation based on data from Bandung, Indonesia	Tri Basuki Joewono	Tri Basuki Joewono Muhamad Rizki
	Inland Waterway Transport (IWT) in Thailand, Vietnam, the Philippines, and Indonesia	Dadang Utomo	Iderlina Mateo-Babiano Dadang Meru Utomo
	Public Bicycle Sharing Program in Asian Cities	Iderlina Mateo-Babiano	Iderlina Mateo-Babiano
(113)	<b>IRG-24-2013: Viability of Public Transport Harmonizing System with Para-Transit Modes</b>		
Sept. 12 16:15 - 17:30	State of the Art of Paratransit Literatures in Asian Developing Countries	Phun Veng Kheang	Phun Veng Kheang Tetsuo Yai
	Fuel Economy and Public Utility Jeepneys Using 2% and 5% Coco-Metyl Ester (CME)-Diesel Blends	Edwin Quiros	Edwin Quiros Karl Vergel
	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
	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
(115)	<b>IRG-17-2011: Logistics in Asia: Interdependent Supply Chain and Advancement of Intelligent Management</b>		
Sept. 13 10:30 - 11:45	Evaluating the Routing Strategies for the Delivery between Distribution Centers and Retail Outlets	Kuancheng Huang	Kuancheng Huang Lichun Chang Kuanying Lee



ROOM 10: SAN PABLO			
	Paper Title	Presenter	Authors
(115)	<b>IRG-17-2011: Logistics in Asia: Interdependent Supply Chain and Advancement of Intelligent Management</b>		
Sept. 13 10:30 - 11:45	Multicommodity Flow Model for Multimodal Transportation Planning	Thanat Rungwanichsukanon	Thanat Rungwanichsukanon Manoj Lohatepanont
	Multi-Objective Location Selection Model for Thai Red Cross's Relief Warehouses	Lapon Kedchaikulrat	Lapon Kedchaikulrat Manoj Lohatepanont
	Hinterland of Vietnamese Ports and International Transport Corridor in Greater Mekong Subregion	Ryuichi Shibasaki	Ryuichi Shibasaki Masaru Suzuki Takahasi Shimada Hiroki Kohno

## TECHNICAL SESSIONS SCHEDULE

ROOM 1: NINA ONE			
	Paper Title	Presenter	Authors
<b>Session 1</b>	<b>Pavements and Road Maintenance (1)</b>		
Sept 11. 13:15 - 14:30	Laboratory Evaluation of Clogging Behavior of Pervious Concrete Pavements	Tien Fwa	Tien Fwa Emiko Lim Kiang Tan
	The Effect of Material Variation to Pavement Performance	Ming-Lou Liu	Ming-Lou Liu
	Comparison of Overlay Design Analysis Using Mechanistic and Mechanistic-Empirical Methods. Case Study: North Java Corridor ( Sewo-Pamanukan)	Bambang Sugeng Subagio	Bambang Sugeng Subagio Faisal Gerardo Indrayati Subagio
<b>Session 2</b>	<b>Pavements and Road Maintenance (2)</b>		
Sept 11. 14:45 - 16:00	Predicting Bonding Condition between Asphalt Pavement Layers from Measured and Computed Deflection using Lauer Moduli Backcalculation	Eri Susanto Hariyadi	Eri Susanto Hariyadi Retno Utami
	Evaluation of Strontium Aluminate in Traffic Paint Pavement Marking for Rural and Unilluminated Roads	Riches Bacero	Riches Bacero
	Preliminary Assessment of the Newly Developed Mobile Accelerated Pavement Testing	Ludfi Djakfar	Ludfi Djakfar Hari Murti Yulvi Zaika
<b>Session 3</b>	<b>Pavements and Road Maintenance (3)</b>		
Sept. 11 16:15 - 17:30	Effects of Loading Sequence and Loading Amplitude on the Fatigue Damage of Asphalt Mixture	Chuanchao Zheng	Chuanchao Zheng
	Estimating Road Roughness Conditions Using Ubiquitous Smartphones and Geographic Information Systems and its Application to Road Network Planning in the Philippines	Joel Cruz	Joel Cruz Jun Castro
	Performance Evaluation of Asphalt Pavements Mixed with Steel Slag	Jian-Shiuh Chen	Jian-Shiuh Chen Shih-Hsiu Wei
<b>Session 4</b>	<b>Pavements and Road Maintenance (4)</b>		
Sept. 12 09:00 - 10:15	:45Development of Porous Pavement Structure for Reducing Surface Water	Mehrtash Soltani	Yee Poh Li Mehrtash Soltani Taher Baghaee Moghaddam Mohamed Rehan Karim Shatirah Akib
	Performance of Warm Mix Asphalt Concrete Binder Course (AC-BC) with Reclaimed Asphalt Pavement	Bambang Sugeng Subagio	Bambang Sugeng Subagio
	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 Meor Othman Hamzah
<b>Session 5</b>	<b>Pavements and Road Maintenance (5)</b>		
Sept. 12 10:30 - 11:45	State of Pavement Engineering in the Philippines and Implications on the Economic Life of National Roads	Jose Regin Regidor	Maria Sheilah Napalang Jose Regin Regidor Nathaniel Diola
	Development of Asphalt Pavement Temperature Profile Model for Tropical Climate Conditions in the Eastern Bali Region, Indonesia	Bambang Sugeng Subagio	Bambang Sugeng Subagio
	Evaluating Hydroplaning Potential of Rutted Highway Pavements	Tien Fwa	Tien Fwa Longjia Chu Ghim Ong
<b>Session 6</b>	<b>Pavements and Road Maintenance (6)</b>		
Sept. 12 13:15 - 14:30	Pavement Distress Evaluation Using Pavement Condition Index around Agora Market, Barangay Lapasan, Cagayan de Oro City	Risa Gwen Martinez	Risa Gwen Martinez Anabel Abuza
	Design and Development of Passenger Terminal Extension of Clark International Airport	Jocelyn Buluran	Jocelyn Buluran

ROOM 1: NINA ONE			
	Paper Title	Presenter	Authors
Sept. 12 13:15 - 14:30	Numerical Approach of Defining Temperature Gradient in Runway Pavement Layers	Ervina Ahyudanari	Ervina Ahyudanari Nasir Shafiq Ibrahim Kamaruddin
<b>Session 7</b>	<b>Pavements and Road Maintenance (7)</b>		
Sept. 12 14:45 - 16:00	Road Construction and Maintenance Works in Nepal	Sharad Shrestha	Sharad Shrestha
	Piloting a Community-Based Routine Maintenance Contract for Provincial Roads in Guimaras, Philippines	Nelson Doroy	Nelson Doroy Hussein Lidasan Evan Arias Ramilo Villasis
	Optimal Patrol Planning Using STEN for Road Maintenance	Satoshi Sugiura	Satoshi Sugiura Fumitaka Kurauchi Akiyoshi Takagi
<b>Session 8</b>	<b>Traffic Management and Control (1)</b>		
Sept. 12 16:15 - 17:30	An Analysis of Partially Signalized Roundabout using SIDRA 6 Software	Hong Ki An	Hong Ki An Wen Long Yue Brank Stazic
	Evaluating the Effect of Semi-actuated Signal System in Korean National Roadways: Based on a Pilot Project	Jaeyeong Lee	Jaeyeong Lee Yoon-Young Choi Ducknyung Kim Dong-Ik Ha
	Benefits of Coordinated Actuated Traffic Signal Control: A Before-and-After Case Study	Brian Park	Yin Chen Jeehyung Park Ilsoo Yun Brian Park
<b>Session 9</b>	<b>Traffic Management and Control (2)</b>		
Sept. 13 09:00 - 10:15	System Partition of Urban Arterials Based on Bandwidth Maximization	Xiaojun Tang	Xiaojun Tang Fengmin Lan Shengchuan Zhao Lihui Zhang
	Traffic Studies Through Academe-Local Government Unit (LGU) Partnership	Metodia Trinidad	Metodia Trinidad
	Traffic Management during Ngaben Funeral Ceremony at Hasanuddin and Thamrin Streets, Denpasar City-Bali	Achmad Wicaksono	Achmad Wicaksono Dewa Made Paramartha Adhi Wibawa Nailah Firdausiyah
<b>Session 10</b>	<b>Capacity and Traffic Flow Analysis (3)</b>		
Sept. 13 10:30 - 11:45	Analysis of Travel Time Reliability using Probe Car Data on the Tokyo Metropolitan Area	Takashi Ishida	Hitoshi Yoshizawa Takashi Ishida Yuichi Mohri Yasuhiro Nonaka
	The Potential of the Pre-signals in Improving Traffic Conditions	Sandy Mae Gaspay	Sandy Mae Gaspay Takashi Ofuchi Kentaro Wada Miho Asano-Iryo
	Study of Flow Characteristics and Traffic Stream Modelling on Indian Expressway: A Case Study of Mahatma Gandhi Expressway	Gaurang Joshi	Shrinivas Shrikant Arkatkar Mannilthodi Jabeena Gaurang Joshi Kayitha Ravinder
<b>Session 11</b>	<b>Capacity and Traffic Flow Analysis (5)</b>		
Sept. 13 13:15 - 14:30	Speed and Time Headway Distribution under Mixed Traffic Condition	Akhilesh Kumar Maurya	Akhilesh Kumar Maurya Shreya Dey Sanhita Das
	Proposed Diversion Road to Improve Traffic Movement of Commercially Developed Areas in Bacoar, Cavite	Geoffrey Cueto	Geoffrey Cueto
	Observed Vehicle Operating Speed and Acceleration Characteristics on Four-lane Rural Highway Curves	Jaisung Choi	Sangyoun Kim Sungkyu Kim Junhyoung Yeon Jaisung Choi



ROOM 1: NINA ONE			
	Paper Title	Presenter	Authors
Session 12	Traffic Management and Control (3)		
Sept. 13 14:45 - 16:00	Contractual Control in Construction of Highway and Roads	Sharad Bajracharya	Sharad Bajracharya
	Exploring the Satisfaction and Importance Influenced by Qualitative Characteristics for a New Toll System using Comprehensive Analysis	Ja-zen Kau	Chun-Zin Yang Ja-Zen Kau Tin-Yi Lee
	Web-based versus Paper-based Survey Data: An Estimation of Road Use Value of Travel Time Savings	Hironori Kato	Hironori Kato Ayanori Sakashita Takayoshi Tsuchiya

ROOM 2: NINA TWO			
	Paper Title	Presenter	Authors
<b>Session 13</b>	<b>Driving Behavior (1)</b>		
Sept. 11 13:15 - 14:30	Psychological Factors Influencing Drivers and Riders Speeding Intentions	Phongphan Tankasem	Phongphan Tankasem Thaned Satiennam Wichuda Satiennam
	Factors Influencing Red Light Running Behavior: A Study of Socio-economic Characteristics and Geometry of Intersections	Auearree Jensupakarn	Auearree Jensupakarn Kunnawee Kanitpong Piyapong Jiwattanakulpaisarn
	The Effect of Accident History and Socio-Economic Groups on Indonesian Motorcycle Rider Behaviour	Leksmono Suryo Putranto	Leksmono Suryo Putranto Rostiana Rostiana
<b>Session 14</b>	<b>Driving Behavior (2)</b>		
Sept. 11 14:45 - 16:00	Automobile Manufacturers, Advertising and Traffic Safety: Case Study From India	Dinesh Mohan	Dinesh Mohan Abhaya Jha
	The Rear Seatbelt-Wearing Behavior in Malaysia	Choy Peng Ng	Choy Peng Ng Teik Hua Law Shaw Voon Wong Kulanthayan Subramaniam
	Driver's Decision Models for Drinking and Driving Behavior	Tu Anh Trinh	Tu Anh Trinh Thi Thuy An Vo
<b>Session 15</b>	<b>Intelligent Transportation Systems (1)</b>		
Sept. 11 16:15 - 17:30	Acceptability of ISA Based on a Field Experiment and a SP Survey: Analyses from a Standpoint of Traffic Calming	Kojiro Matsuo	Kojiro Matsuo Yasuhiro Mimura Motohiro Yamazaki Komei Kanno Mitsuru Sugihara Yasuhiro Hirobata
	Event Detection Using Adaptive Neuro Fuzzy Inference System for a Public Transport Vehicle	Cristina Dadula	Cristina Dadula Elmer Dadios
	Innovative Collection of Road and Traffic Data for Road Safety Audit	Aileen Mappala	Aileen Mappala Ricardo Sigua
<b>Session 16</b>	<b>Accident and Safety (1)</b>		
Sept. 12 09:00 - 10:15	Speed Characteristics of Vehicles on Highway Work Zones in the Presence of Rumble Strips	Geetam Tiwari	Sumeet Gupta Geetam Tiwari
	Long-term Effectiveness of Sinusoidal Hump - Focusing on the Acceptability of Local Residents	Masaki Kamada	Masaki Kamada Aya Kojima Nguyen Hoang-Tung Hisashi Kubota
	Study on Safety of Railway/Highway Grade Crossings in the Philippines	Ricardo Sigua	Albie Clarito Beverly May Ramos Ricardo Sigua
<b>Session 17</b>	<b>Accident and Safety (2)</b>		
Sept. 12 10:30 - 11:45	An Analysis of Pedestrian Traffic Safety in Public School Zones in Cagayan de Oro City	Jefferson Vallente Jr.	Jefferson Vallente Jr. Ferven Cabugao Anabel Abuza
	Motorcycle Accident-Prone Types at Intersections and Innovative Improvement Design Guideline	Tien-Pen Hsu	Tien-Pen Hsu Ku-Lin Wen
	Preparedness and Action towards a Safer Road Transport and Travel System in Nepal	Indra P Tiwari	Indra P Tiwari
<b>Session 18</b>	<b>Accident and Safety (3)</b>		
Sept. 12 13:15 - 14:30	Traffic Accident Analysis of Sun Glare and Twilight Shortly Before and after Sunset in Chiba Prefecture, Japan	Kenji Hagita	Kenji Hagita Kenji Mori
	Factors Affecting the Severity of Motorcycles Accidents and Casualties in Thailand by Using Probit and Logit Model.	Santosh Baral	Santosh Baral
	Fuzzy Logic-Based Multi-hop Routing for Vehicular Ad-Hoc Networks (VANETs)	Joel Delos Angeles	Joel Delos Angeles

ROOM 2: NINA TWO			
	Paper Title	Presenter	Authors
<b>Session 19</b>	<b>Accident and Safety (4)</b>		
Sept. 12 14:45 - 16:00	Accident Hotspot Mapping in Quezon City: The case of Katipunan Avenue	Jerome Ballarta	Jerome Ballarta Nelson Doroy Ishtar Padoo Cecil Villanueva
	Development of Traffic Accident Prediction Models using Traffic and Road Characteristics: A Case Study from Sri Lanka	Thillaiampalam Sivakumar	Thillaiampalam Sivakumar Dinusha Amarathunga
<b>Session 20</b>	<b>Accident and Safety (5)</b>		
Sept. 12 16:15 - 17:30	Analysis of Factors Affecting the Severity of Motorcycle Casualties in Phnom Penh Using Bayesian Approach	Kunnawee Kanitpong	Kunnawee Kanitpong Sam Ath Sarm
	Occupant Risk Analysis for Guardrail Roadside Safety Barrier Systems: Analysis and Evaluation of Full Scale Crash Test	Mehrtash Soltani	Mehrtash Soltani Mohamed Rehan Karim Ramli Sulong
	Study on the Availability of "Twitter" Data for Forecasting Suspension Time Railway Operation	Makoto Fujiu	Makoto Fujiu Kazuyuki Takada Jyunichi Takayama Shoichiro Nakayama
	The Applications of Generalized Poisson Distribution in Accident Data	Aine Kusumawati	Aine Kusumawati Yiik Diew Wong
<b>Session 21</b>	<b>Driving Behavior (4)</b>		
Sept. 13 09:00 - 10:15	Yielding Behavior of Left Turning Driver Towards Pedestrian/Cyclist: Impact of Intersection Angle	Hasina lasmin	Hasina lasmin Aya Kojima Hisashi Kubota
	Safety Analysis of Hard Shoulder Running with Empirical Bayes Method and Time-to-Collision	Jaisung Choi	Wantaeg Kwon Jaisung Choi Sungkyu Kim Dongchan Min Sangkyu Kim Sangyoup Kim
	Analysing Self-Reported Risky Behaviours of Motorcyclists in Bali using Structural Equation Modelling	Priyantha Wedagama	Priyantha Wedagama
<b>Session 22</b>	<b>Driving Behavior (5)</b>		
Sept. 13 10:30 - 11:45	Analysis of Motorcyclist Driving Behavior in Bandung City	Harun al-Rasyid Lubis	Harun al-Rasyid Lubis
	Develop Models for Traffic Conflict Assessment at Bus Stop Area in 3-Lane Urban Streets in Heterogeneous Traffic	Van Truong Nguyen	Van Truong Nguyen Tetsuo Shimizu Xuan Cay Bui
	An Evaluation of Flyover-Improved Intersections: A Case Study of Airport Intersection	Narabodee Salatoom	Auttakorn Sala Pichai Taneerananon
<b>Session 23</b>	<b>Capacity and Traffic Flow Analysis (6)</b>		
Sept. 13 13:15 - 14:30	An Investigation on the Sound Power Level of Vehicles in Makassar City	Muralia Hustim	Muralia Hustim Muhammad Isran Ramli Sumarni Hamid Aly
	Evaluation of Car-Following Input Variables and Development of Three Vehicle Car-Following Models with Artificial Neural Network	Mitsuru Tanaka	Mitsuru Tanaka Nobuhiro Uno
	Analysis on Safety Check Behaviors and Vehicle Movements at Roundabouts in Japan	Koji Suzuki	Koji Suzuki Soichiro Yasuda Kiyooki Morimoto
<b>Session 24</b>	<b>Accident and Safety (6)</b>		
Sept. 13 14:45 - 16:00	Driver Demographic Construct as a Moderator in Modelling Human Risk Factors on Intercity Bus Driver's Behavior	Chien-Hung Wei	Yu-Chin Chen Chien-Hung Wei Li Yuan Liang

ROOM 2: NINA TWO			
	Paper Title	Presenter	Authors
Sept. 13 14:45 - 16:00	Introduction of Urban Traffic Information System (UTIS) in Korea	Hyunkyung Lee	Cheolsun Kim Hyunkyung Lee Hyo Chul Shin Dongik Ha
	The Influence Factors Effect on the Insurance Behavior in the Container Terminal Operation Context	Chaur-Luh Tsai	Chaur-Luh Tsai Ron-Hwa Goa



ROOM 3: SAN ANTONIO			
	Paper Title	Presenter	Authors
<b>Session 25</b>	<b>Travel Behavior Analysis (1)</b>		
Sept. 11 13:15 - 14:30	Mending a Metropolis - Understanding Passenger Demand Across Metro Manila To Improve Road Transit	Nicholas Greaves	Nicholas Greaves Cresencio Montalbo Jr
	A Heuristic Solution Algorithm for the Combined Model of the Four Travel Choices with Variable Demand	Huey-Kuo Chen	Huey-Kuo Chen
	Inter-Island Travel Mode Choice Analysis: Western Visayas Region, Philippines	Nicanor Roxas Jr.	Nicanor Roxas Jr Alexis Fillone
<b>Session 26</b>	<b>Travel Demand Modeling (1)</b>		
Sept. 11 14:45 - 16:00	Network Centrality Assessment (NCA) As An Alternative Approach To Predict Vehicular Traffic Volume: A Case of Colombo, Sri Lanka	Amila Jayasinghe	Amila Buddhika Jayasinghe Kazushi Sano Hiroaki Nishiuchi
	A Bilevel Optimization Model for the Network Signal Timing Design Problem with Traveler Trip-chain Route Choice Behavior Consideration	Chung-Yung Wang	Chung-Yung Wang Shou-Ren Hu Chih-Peng Chu Ya-Tin Jhuang
	Revisiting Volume-Delay-Functions Used in Transport Studies in Metro Manila	Jiaan Regis Gesalem	Jiaan Regis Gesalem Alexis Fillone
<b>Session 27</b>	<b>Travel Demand Modeling (2)</b>		
Sept. 11 16:15 - 17:30	A Network Model for Rehabilitation Plan of A Road Network Considering Uncertainties of Deterioration and Travel Time	Kenetsu Uchida	Haruko Nakao Kenetsu Uchida
	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
	A Location-routing Decision Model for First-aid Restoration of a Damaged Road Network	Ryo Itabashi	Ryo Itabashi Katsuya Sakai Takahiko Kusakabe Yasuo Asakura
<b>Session 28</b>	<b>Travel Behavior Analysis (5)</b>		
Sept. 12 09:00 - 10:15	Characterizing Bus Passenger Demand along Epifanio de los Santos Avenue (EDSA), Metro Manila	Sean Ting	Sean Johnlee Ting Kervin Joshua Lucas Alexis Fillone
	Analysis of Parking Lot Choice Behaviors by Utilizing Accounting Data	Yuki Tsuboi	Yuki Tsuboi Ryo Kanamori Toshiyuki Yamamoto Takayuki Morikaw
	A New Perspective of Traffic Assignment: A Game Theoretical Approach	Genaro Peque, Jr	Genaro Peque Jr Toshihiko Miyagi Fumitaka Kurauchi
<b>Session 29</b>	<b>Transportation Planning and Policy in Asia (2)</b>		
Sept. 12 10:30 - 11:45	Impact Analysis of Toll Policy For Expressway to Variable Traffic Demand for Local City with Integrated User Equilibrium Assignment Model	Hiroki Hori	Hiroki Hori Masashi Okushima
	Validating An Improved Model for Feeder Bus Network Design Using Genetic Algorithm (GA) and Particle Swarm Optimization (PSO)	Mohammad Hadi Almasi	Mohammad Hadi Almasi Sina Mirzapour Mounes Mohamed Rehan Karim
	Optimized Bus Schedules in Epifanio Delos Santos Avenue (EDSA), Metro Manila Using Fuzzy Rule-Based System	Ramon Intal	Alexis Fillone Elmer Dadios Ramon Intal
<b>Session 30</b>	<b>Capacity and Traffic Flow Analysis (2)</b>		
Sept. 12 13:15 - 14:30	Analysis of Shock Waves and Speed Peak Propagations in Car-Following Conditions from Start to Stop within Short Distances	Mitsuru Tanaka	Mitsuru Tanaka
	A Traffic Congestion Study of Non-signalized Intersections along Yacapin-Capt. Vicente Roa, Yacapin-Osmeña, J.R. Borja-Capt. Vicente Roa and J.R. Borja-Osmeña Streets in Cagayan de Oro City	Jude Añana	Jude Añana Kevin Calma Carlo Flores Dennis Tantoy Anabele Abuzo

ROOM 3: SAN ANTONIO			
	Paper Title	Presenter	Authors
Sept. 12 13:15 - 14:30	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
<b>Session 31</b>	<b>Traffic Simulation</b>		
Sept. 12 14:45 - 16:00	Evaluation of BRTS Corridor in India Using Microscopic Simulation: A Case Study in Surat City	Ahriniwas Arkatkar	Shriniwas Shrikant Arkatkar Akhilesh Chepuri Rakesh Kulakarni Manraj Singh Bains Gaurang Joshi
	Capacity Analysis of Bhopal BRTS using Empirical and Simulation Model	Manoranjana Parida	Anshuman Sharma Manoranjana Parida Ravi Sekhar Ankit Kathuria
	Evaluating Efforts on Delay Reduction: Methodology to Understand Potential-for-Improvement of Urban Arterial Network	Kiichiro Hatoyama	Nguyet Thanh Duong Kiichiro Hatoyama
<b>Session 32</b>	<b>Public Transport in Asia (3)</b>		
Sept. 12 16:15 - 17:30	Stated Preference Analysis for New Public Transport in a Medium-sized Asian City: A Case Study in Malang, Indonesia	Daisuke Fukuda	Tetsu Bando Daisuke Fukuda Achmad Wicaksona Lila Kurnia
	Paratransit in Developing Countries: Songtaew in Thailand	Pattamaporn Wongwiriya	Pattamaporn Wongwiriya Fumihiko Nakamura Shinji Tanaka Peamsook Sanit Ryo Ariyoshi
	Passenger's Perceptions on Future Prospects of Qingqi Public Transport Service in Lahore	Muhammad Ashraf Javid	Muhammad Ashraf Javid Mohsin Raza Saddam Hussain Muhammad Farhan Anwaar
	Paratransit Transport in Indonesia: Characteristics and User Perceptions	Djoen San Santoso	Djoen San Santoso Tri Basuki Joewono Yusak Susilo
<b>Session 33</b>	<b>Drinking Behavior (6)</b>		
Sept. 13 09:00 - 10:15	A Case Study of Public Bus Driver Behaviour at Batu Feringghi	Muaid Ahmed	Hooi Ling Khoo Muaid Ahmed
	An Investigation on Driving Cycle Characteristics of the Light Vehicle on Urban Road in Developing Cities: Case Study in Makassar City - Indonesia	Sumarni Hamid Aly	Sumarni Hamid Aly Muhamma Isran Ramli Muhammad Reza Hasrul
	Studying Effect of Weight-to-Power Ratio on Truck Acceleration Characteristics on Gradient using Mechanistic Approach	Shriniwas Shrikant Arkatkar	Shriniwas Shrikant Arkatkar Manish Jain Gaurang Joshi
<b>Session 34</b>	<b>Capacity and Traffic Flow Analysis (4)</b>		
Sept. 13 10:30 - 11:45	Modelling of the Gap Phenomena at U-turn Provisions on the Median Openings of Inter-Urban Highway Corridors	Ravi Sekhar Chalamuri	Rashid Khan Ravi Sekhar Chalamuri Velmurugan Senapathi
	U-turn Waiting Time Estimation at Midblock Median Opening	Thakonlaphat Jenjiwattanukul	Thakonlaphat Jenjiwattanukul Kazushi Sano Hiroaki Nishiuchi
	Traffic Characteristics of Mixed Traffic Flow in Urban Arterials	Ka-lo Wong	Ka-lo Wong Tzu-Chang Lee Yen-Yu Chen

ROOM 3: SAN ANTONIO			
	Paper Title	Presenter	Authors
<b>Session 35</b>	<b>Capacity and Traffic Flow Analysis (7)</b>		
Sept. 13 13:15 - 14:30	A Study On Traffic State Patterns In Urban Area: A Case Study Of Bangkok, Thailand	Kimheang Ly	Kimheang Ly Mongkut Piantanakulchai Sornthep Vannarat
	Operational Performance Analysis of Median U-Turn Intersections as Traffic Control Facility in EDSA	Riches Bacero	Riches Bacero
	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 Cueto
<b>Session 36</b>	<b>Transportation Planning and Policy in Asia (9)</b>		
Sept. 13 14:45 - 16:00	Travel Time Estimation Based on Fused Traffic State Data	Soknath Mil	Soknath Mil Mongkut Piantanakulcha
	Design and Development of the Puerto Princesa Airport Passenger Terminal	Jocelyn Buluran	Jocelyn Buluran
	Air Traffic Shifting Effects of Tourism and Low-Cost Carriers Development: The Case of Taiwan Airport	Chieh-Yu Hsiao	Chieh-Yu Hsiao Chun-Yuan Yang Yu-Hsin Chiang Jeng-Yen Lei

ROOM 4: SAN MARTIN ONE			
	Paper Title	Presenter	Authors
<b>Session 37</b>	<b>Pedestrian and Bicycle (1)</b>		
Sept. 11 13:15 - 14:30	Evaluation of Usability toward Safer Use of Road-Crossing Facilities	Takanori Sunagawa	Takanori Sunagawa Kenji Doi Kiyoshi Suzuki
	Assessment of Pedestrian Facilities in Malacca World Heritage Site, Malaysia using P-Index Method	Nabila Abdul Ghani	Nabila Abdul Ghani Tetsuo Shimizu Safizahanin Mokhtar
	Analysis of Critical Gap based on Pedestrian Behaviour at Unprotected Midblock Crosswalks	B Raghuram Kadali	B Raghuram Kadali Vedagiri Perumal
<b>Session 38</b>	<b>Pedestrian and Bicycle (2)</b>		
Sept. 11 14:45 - 16:00	A Dynamic Positioning Strategy for Public Bicycle Systems Considering Penalty Cost: Comparison of Different Demand Patterns	Younghyun Seo	Younghyun Seo Dong-Kyu Kim Seung Young Kho
	Pedestrian Safety Design in Bandung Institute of Technology (ITB)	Harun al-Rasyid Lubis	Harun al-Rasyid Lubis Reni Fatimatuz Zahro Rudy Hermawan Karsaman
	Integrated Non-Motorized Transportation System For A Sustainability Oriented Intramuros	Francis Aldrine Uy	Francis Aldrine Uy
<b>Session 39</b>	<b>Pedestrian and Bicycle (3)</b>		
Sept. 11 16:15 - 17:30	Factors Influencing Footbridge Usage Along Epifanio Delos Santos Avenue (EDSA), Metro Manila	Aaron King	Aaron King Rigel Cadag Jireh Despabiladeras Rei Tumaming Alexis Fillone
	Perceived Neighborhood Walkability and Mode Choice of Short-Distance Trips in Hanoi city	Tran Minh Tu	Tu Minh Tran Junyi Zhang Makoto Chikaraishi Akimasa Fujiwara Quynh Huong Pham
	Pedestrian Environment Assessment of Rural District: Korean Experience	Myeonghyeon Kim	Myeonghyeon Kim Gyu-geun Yoon Dong-ik Ha Seung-Young Kho
<b>Session 40</b>	<b>Urban and Regional Planning (2)</b>		
Sept. 12 09:00 - 10:15	Failure of Transit-Oriented Development from a Perspective of Quality of Life in Bangkok	Kazuki Nakamura	Kazuki Nakamura, Fumei Gu Vasinee Wasuntarasook Varameth Vichiensan Yoshitsugu Hayashi
	A Study on the Effectiveness of Eco-Mobility Component: E-Jeepneys in Makati City	Francis Aldrine Uy	Francis Aldrine Uy
	Differences in Decision Making Factors and Process in Residential Choice Focusing on Planned Residential Duration	Toshiaki Aoki	Toshiaki Aoki
<b>Session 41</b>	<b>Urban and Regional Planning (3)</b>		
Sept. 12 10:30 - 11:45	Progressing Suburbanization and the Controversial Land Use Management in Japanese Local City -A Case Study of Miyakonojo City, Japan	Tetsunobu Yoshitake	Tetsunobu Yoshitake Kenichi Teramachi Chikashi Deguchi
	Intercity Transport Investment Decision in Developing Countries "A case of Kathmandu Terai Linkage in Nepal"	Mithun Paudel	Mithun Paudel Surya Raj Acharya Ramesh Pokhrel
	Diversifying Capital Sources for Urban Infrastructure Investment: Land-based Financing in Transportation Development in Ho Chi Minh City	Thanh Nguyen	Thanh Nguyen
	Evaluation for Low-carbon Land-use Transport Development with QOL Indexes in Asian Developing Megacities: a Case Study of Bangkok	Kazuki Nakamura	Kazuki Nakamura Vasinee Wasuntarasook Fumei Gu Varameth Vichensan Masanobu Kii Yoshitsugu Hayashi



ROOM 4: SAN MARTIN ONE			
	Paper Title	Presenter	Authors
<b>Session 42</b>	<b>Pedestrian and Bicycle (4)</b>		
Sept. 12 13:15 - 14:30	A New Approach to Analyzing Factors Influencing Cycling Stability Using Inertial Measurement Unit Sensor	Shinhye Joo	Gunwoo Lee Shinhye Joo Cheol Oh Keechoo Choi
	Community Perception on Trans-operability of Intramuros	Riches Bacero	Riches Bacero
	An Assessment of Walkability in a Medium-Sized Philippine City	Hilario Sean Palmiano	Hilario Sean Palmiano Sheila Flor Javier Jose Regin Regidor
<b>Session 43</b>	<b>Public Transport in Asia (4)</b>		
Sept. 12 14:45 - 16:00	A Compact Scheduling and Revenue Estimation Spreadsheet for Bus Operators	Raymund Abad	Raymund Abad Alexis Fillone
	Paradigm Shift Strategy of Inclusive Mobility: The Applicability of Bus Rapid Transit along Commonwealth Avenue	Riches Bacero	Riches Bacero
	Selection of Metro Manila BRT Corridors Using Multi-Criteria Assessment	Ricardo Sigua	Ricardo Sigua Cresencio Montalbo, Jr.
<b>Session 44</b>	<b>Pedestrian and Bicycle (5)</b>		
Sept. 12 16:15 - 17:30	Proposal for Bicycle Traffic Survey via Smartphone	Katsuaki Imada	Katsuaki Imada Hiroshi Kobayashi Yasushi Kimura Tomoya Ueno Susumu Takamiya
	Investigating the Determinants of Intention to Reuse the Public Bike-sharing System - Evidence from the Taipei U-Bike System	Ching-Fu Chen	Ching-Fu Chen Kuan-Yu Lai Pin-Chi Su Shih-Huan Chou
	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 Nurlayla Arbie Adriani Lestari Henrika Mega Putri Novetrishka
	Establishment of Bikeway Network, Bicycle City and Bicycle Culture for Sustainable Transport System in Thailand	Malee Uabharadorn	Malee Uabharadorn
<b>Session 45</b>	<b>Transportation Project Evaluation (2)</b>		
Sept. 13 09:00 - 10:15	The Impact of the Motorways and Expressways on Accessibility and Cohesion	Piotr Rosik	Piotr Rosik Marcin Stępnia Tomasz Komornicki
	A Non-parametric Estimation of the Value of Travel Time: Evidence from Road Traffic in Japan	Hironori Kato	Hironori Kato Tetsuya Tsujima
<b>Session 46</b>	<b>Pricing</b>		
Sept. 13 10:30 - 11:45	Influence Analysis of Expressway Toll Discounts	Hideki Oka	Yuichi Mohri Toshio Kutsukake Hideki Oka Shoichi Kaneko
	Influence of Parking Deposit System on Travel Mode Choice Behavior Hanoi: A Latent Class Modelling Approach	The Ngoc Anh Nguyen	The Ngoc Anh Nguyen Junyi Zhang Akimasa Fujiwara Makoto Chikaraishi
	An Evaluation of Urban Congestion Charging in Seoul	Kwangkyun Lim	Kwangkyun Lim Sigon Kim Yong Kwoon
<b>Session 47</b>	<b>Transportation Planning and Policy in Asia (10)</b>		
Sept. 13 13:15 - 14:30	Introducing Human-Centered Design Approach in Transportation Planning Process: A Scenario Method and A Concept Model of Stakeholders	Kiko Yamada-Kawai	Kiko Yamada-Kawai
	Effect of Radio News on Listeners' Awareness of Transportation Problems	Shintaro Terabe	Shintaro Terabe Nano Ueshiro Hidehiro Yamazaki Makoto Kasai

ROOM 4: SAN MARTIN ONE			
	Paper Title	Presenter	Authors
Sept. 13 13:15 - 14:30	User Perceptions of Sisu-Saeriya School Transport Service in Sri Lanka	Pradeepa Jayaratne	Pradeepa Jayaratne Amal Kumarage Malinda Attanayake
<b>Session 48</b>	<b>Parking Policy</b>		
Sept. 13 14:45 - 16:00	Transportation Demand Management in the Historical Area of Istanbul: A Pilot Project of Smart Parking System	Sadayuki Yagi	Sadayuki Yagi Katsuhida Nagayama Tamaoki Watanabe
	Improvement Measures for Railway Station Parking Lots Based on Universal Design	Kum Hyun Ju	Kim Hyun Ju Jangwook Kim Young-Taek Oh Jinhee Kim Sung-Pil Choi
	On-street Parking Evaluation Divisoria, Cagayan De Oro City	Francis Camomot	David Jorey Alfaro Francis Camomot Allison Cyril Escalante Hipolito Bair Anabel Abuzo

ROOM 5: SAN MARTIN TWO			
	Paper Title	Presenter	Authors
<b>Session 49</b>	<b>Freight Transportation and Logistics (1)</b>		
Sept. 11 13:15 - 14:30	Evaluating Impacts of Transport Infrastructure Development on Freight Modal Share	Sittha Jaensirisak	Sittha Jaensirisak Luathep Paramet Sompong Paksarsawan
	Modeling and Optimizing Intermodal Logistics Route Across the Taiwan Straits	Cheng-Chieh Chen	Cheng-Chieh Chen Yi-Jhen Lai
	Modeling of a Rare Mode Choice in Freight Transport: Modal Shift from Road to Rail	Wisinee Wisetjindawat	Wisinee Wisetjindawat Hiroki Oiwa Motohiro Fujita
<b>Session 50</b>	<b>Freight Transportation and Logistics (2)</b>		
Sept. 11 14:45 - 16:00	Establishing the City Logistic Concept in Improving the Freight Distribution in Metro Manila	Geoffrey Cueto	Geoffrey Cueto
	Issues for the Linehaul-Feeder Vehicle Routing Problem with Virtual Depot and Time Windows	Huey-Kuo Chen	Huey-Kuo Chen
	Reactive GRASP for the Capacitated Single Allocation p-Hub Median Problem	Ching-Jung Ting	Ching-Jung Ting Kuo-Rui Lu Kun Chih Wu
<b>Session 51</b>	<b>Freight Transportation and Logistics (3)</b>		
Sept. 11 16:15 - 17:30	Characterizing The Role of Non-motorized Transportation: The Logistic System in Baguio City Public Market Through Human Powered Cart	Mark De Guzman	Ralph Mejia Mark De Guzman Daphne Marie Custodio
	Impact Assessment Model of International Transportation Infrastructure Development: Focusing on Trade and Freight Traffic in Central Asia	Satoshi Tanabe	Satoshi Tanabe Ryuichi Shibasaki Hironori Kato
	Effect of Trade Data Aggregation on International Mode Choice	Ghim Ping Ong	Weng Sut Sou Ghim Ping Ong
<b>Session 52</b>	<b>Freight Transportation and Logistics (4)</b>		
Sept. 12 09:00 - 10:15	Intermodal Road-RoRo Transport in the Philippines, its Development and Position in the Domestic Shipping	Anita Il Odchimar	Anita Il Odchimar Shinya Hanaoka
	Broader Economic Benefits of Transportation Infrastructure Investment (Individual Project) of Production Sector Based on Cost Reduction of Freight Transportation	Ridwan Anas	Ridwan Anas Ofyar Tamin Sony Wibowo
	Estimation of CO2 Emissions for Low Carbon Urban Freight Transport Khon Kaen, Thailand	Kumiko Nakamichi	Kumiko Nakamichi Shinya Hanaoka Shinsuke Mogi Thaned Satiennam
<b>Session 53</b>	<b>Freight Transportation and Logistics (5)</b>		
Sept. 12 10:30 - 11:45	Effect of Demand Distributions and Declining Urgency of a Perishable Item in Relief Ordering Policy	Rubel Das	Rubel Das Makoto Okumura
	Determination of Cost Impact using Mathematical Model Comprising City Logistics to Quick Service Restaurants in Metro Manila	Francis Aldrine Uy	Francis Aldrine Uy
	Career Competencies Analysis of Transport/Logistics Managers of Mongolia	Delgernasan Mishig	Delgernasan Mishig Bathkurel Gombodorj
<b>Session 54</b>	<b>Freight Transportation and Logistics (6)</b>		
Sept. 12 13:15 - 14:30	Optimization Urban Freight Transportation Network by Using Genetic Algorithm	I Made Suraharta	I Made Suraharta Ade Sjafruddin Russ Bona Frazilla Raden Driejana
	Assessment of Thailand's Border Special Economic Zones by Infrastructure and Border Trade Facilitation Indices	Jittichai Rudjanakanoknad	Jittichai Rudjanakanoknad Chanikan Vongsmaentep
	Analysis of Loyalty of Store-to-Store Delivery Service System: A Case Study of ezShip.com in Taiwan	Yu-Kai Huang	Yu-Kai Huang Chieh-Chao Wen Yi-San Huang

ROOM 5: SAN MARTIN TWO			
	Paper Title	Presenter	Authors
<b>Session 55</b>	<b>Air and Water Transportation Policy (3)</b>		
Sept. 12 14:45 - 16:00	Motion-Based Energy Analysis Methodology for Hybrid Straddle Carriers Towards Eco-Friendly Container Handling System	Putu Hangga	Putu Hangga Nan Prayoga Takeshi Shinoda
	Time Series Analysis for Viet Nam Container Cargo Movements Implications for Port Policy Management	Tam Tran	Tam Tran Mikio Takebayashi
	The Importance of Hinterland Connection to Improve Port Productivity South Sumatera	Erika Buchari	Erika Buchari
<b>Session 56</b>	<b>Air and Water Transportation Policy (4)</b>		
Sept. 12 16:15 - 17:30	The Effects of Aviation Accidents on Public Perception toward an Airline	Chen-Wei Li	Chen-Wei Li Veng Kheang Phun Mio Suzuki Tetsuo Yai
	Airline Strategic Fleet Planning Framework	Lay Eng Teoh	Lay Eng Teoh Hooi Ling Khoo
	Exploring the Causes of Port Accidents: A Case Study of Kaohsiung Port, Taiwan	Po-Hsing Tseng	Po-Hsing Tseng Nick Pilcher
	Measuring and Assessing the Operational and Competitive Performance International City-Pairs Freight Transportation at Taiwan Taoyuan International Airport	Sui-Ling Li	Sui-Ling Li
<b>Session 57</b>	<b>Freight Transportation and Logistics (7)</b>		
Sept. 13 09:00 - 10:15	Assessing Intercity Freight Transport Network Vulnerability: An Empirical Case in Taiwan	Cheng-Hsien Hsieh	Cheng-Hsien Hsieh Cheng-Min Feng Yi-Hsin Lai
	Development and Application of the High-Speed Weigh In-Motion System for the Expressway	Soonmin Kwon	Soonmin Kwon Yoon-Hyuk Choi
	Impacts of Traffic Characteristics according to Snowy Weather Conditions on an Expressway	Yoon-Hyuk Choi	Yoon-Hyuk Choi Soonmin Kwon
<b>Session 58</b>	<b>Robust and Resilient Transportation (1)</b>		
Sept. 13 10:30 - 11:45	Short-Notice Bus-Based Evacuation under Dynamic Demand Conditions	Asif Nawaz Qazi	Asif Nawaz Qazi Kazuaki Okubo Hisashi Kubota
	Road Network Evaluation from Reliability Perspective: An Accessibility and Network Closure Vulnerability Approach	Ramesh Pokharel	Ramesh Pokharel Hitoshi Ieda
	Robust Optimization for Facility Location and Transportation Design under Demand Uncertainty in Relief Distribution	Kasemsri Rattanaorn	Kasemsri Rattanaorn Kazushi Sano Hiroaki Nishiuchi
<b>Session 59</b>	<b>Robust and Resilient Transportation (2)</b>		
Sept. 13 13:15 - 14:30	Behavior Analysis of Stranded Person Using Mobile GPS Data	Makoto Fujiu	Makoto Fujiu Kazuyuki Takada Jyunichi Takayama Shoichiro Nakayama
	Network Fortification Model for Intercity Passenger Transportation	Makoto Okumura	Huseyin Tirtom Makoto Okumura Hiromichi Yamaguchi Rubel Das
<b>Session 60</b>	<b>Robust and Resilient Transportation (3)</b>		
Sept. 13 14:45 - 16:00	Understanding the Decision of Flood Evacuation Departure Time Using Discrete Choice Model	Ma. Bernadeth Lim	Ma Bernadeth Lim Hector Jr. Lim Mongkut Piantanakulchai Francis Aldrine Uy
	Household Flood Evacuation Route Choice Model at Sub-district Level	Hector Jr. Lim	Hector Jr. Ruiz Lim Ma Bernadeth Lim; Mongkut Piantanakulchai
	Empirical Analysis on the Impact of Rain Intensity on Commuters' Departure Decision on Torrential Rain Day	Jun Sakamoto	Jun Sakamoto Motohiro Fujita



ROOM 6: SAN MARTIN 3			
	Paper Title	Presenter	Authors
<b>Session 61</b>	<b>Travel Behavior Analysis (2)</b>		
Sept. 11 13:15 - 14:30	A Longitudinal Analysis of Built Environment and Travel Behavior Keihanshin Metropolitan Area	Sayaka Yasui	Sayaka Yasui Yasuhiro Shiomi
	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
	Mode Choice Behavior on Bangkok's Worker	Hananto Prakoso	Chanikarn Lertkrai Sovann Chea Hananto Prakoso Somchai Pathomsiri
<b>Session 62</b>	<b>Travel Demand Modeling (3)</b>		
Sept. 11 14:45 - 16:00	Calibration Methods and Results for Activity-Travel Scheduling Models	William Lam	Xiao Fu William Lam Yiliang Xiong
	Estimating the Reduction in Single-Occupancy Vehicles Entering Kuala Lumpur As A Result of Telecommuting by Female Employees	Mootaz Jaff	Mootaz Jaff Abdul Azeez Kadar Hamsa Mansor Ibrahim Mohd Zin Mohamed Rustam Khairi Zahar
	Understanding the Effect of Online Shopping Behavior on Shopping Travel Demand through Structural Equation Modeling	Zudhy Irawan	Muhammad Zudhy Irawan
<b>Session 63</b>	<b>Travel Behavior Analysis (3)</b>		
Sept. 11 16:15 - 17:30	An Analysis of Out of Home Non Work Activity Timing and Mode Behavior Based on Traffic Congestion Condition	Melawaty Agustien	Melawaty Agustien Ade Sjafruddin Harun Lubis Sony Wibowo
	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 Makoto Chikraishi Hajime Seya Akimasa Fujiwara Junyi Zhang
	Mode Choice Behavior and Modal Shift to Public Transport in Developing Countries - the Case of Hanoi City	Vu Anh Tuan	Vu Anh Tuan
<b>Session 64</b>	<b>Travel Behavior Analysis (6)</b>		
Sept. 12 09:00 - 10:15	Frequency Distribution of Leisure Travel by Japanese: The Past and Future	Hiromichi Yamaguchi	Hiromichi Yamaguchi Makoto Okumura
	A Departure Time Choice Model on the Shopping Trip for Short Time Based on the Disutility Minimizing Approach	Muhammad Isran Ramli	Muhammad Isran Ramli Yoshinao Oeda Chiaki Matsunaga
	Analyzing Regional Travel Patterns in India: Disaggregated Analysis of Social Health and Pilgrimage Trip	Ronita Bardhan	Ronita Bardhan Varun Varghese Arnab Jana
<b>Session 65</b>	<b>Transportation Planning and Policy in Asia (3)</b>		
Sept. 12 10:30 - 11:45	Travellers' Motivations to Use Public Transportation: A Changing Strength of Policy and Environmental Motivation in Deciding Bus Use Intention	Nguyen Hoang Tung	Nguyen Hoang Tung Aya Kojima Hisashi Kubota
	Investigation of Factors Influencing the Private Car Ownership in China as Evidence from the Panel Data	Qi Zhang	Na Wu Qi Zhang Shengchuan Zhao
	Challenge of Public Transport Planning in Private Vehicle Dominated Community	Paramet Luatthep	Paramet Luatthep Suppakorn Suttipan Sitttha Jaensirisak

ROOM 6: SAN MARTIN 3			
	Paper Title	Presenter	Authors
<b>Session 66</b>	<b>Travel Behavior Analysis (7)</b>		
Sept. 12 13:15 - 14:30	Effects of Two Fare Policies on Public Transport Travel Behaviour: Evidence from South East Queensland, Australia	Barbara Yen	Barbara T.H. Yen Wen-Chun Tseng Yu-Chiun Chiou Lawrence Lan Corinne Mulley Matthew Burke
	Modelling Route Choice Behaviour of Non-Motorized Transport	Al Hanz Seiji Basa Lidasan	Al Hanz Seiji Basa Lidasan Shunsuke Okada Tetsuro Hyodo
	Walking Distance of Commuters after Modal Shift to Rail Transit in Bangkok	Chakaphan Chullabodhi	Saksith Chalermpong Apiwat Ratanawaraha Chakaphan Chullabodhi
<b>Session 67</b>	<b>Public Transport in Asia (5)</b>		
Sept. 12 14:45 - 16:00	Determinants of "Travel with Dignity" of Passengers of MRT3	Jocelyn Buluran	Jocelyn Buluran
	Evaluation of Willingness to Buy Commuter Train's Ticket	Nursyamsu Hidayat	Nursyamsu Hidayat Kunihiro Kishi
	Estimation of Buffer Time of Rail Commuters in Tokyo Metropolitan Area	Kazuyuki Takada	Kazuyuki Takada Yuzo Takanami
<b>Session 68</b>	<b>Urban and Regional Planning (5)</b>		
Sept. 12 16:15 - 17:30	Analysis of Impact on Vitality in Central Town Area by Introducing Shopping Support Services	Noboru Ise	Noboru Ise Yasuo Hino
	Disentangling the Young Adults' Residential Relocation Choice in Japan	Yubing Xiong	Yubing Xiong Junyi Zhang
	Changes in Transportation Behavior in the Tokyo Metropolitan Area Based on Person-Trip Survey Data	Jun Morio	Jun Morio Yuichi Mohri Shota Kawakami Kouki Kashiba
<b>Session 69</b>	<b>Transportation Planning and Policy in Asia (8)</b>		
Sept. 13 09:00 - 10:15	Factor Influencing Bus Usage in English Provincial Cities: A Lesson for Bus Development	Tuan Anh Luong	Tuan Anh Luong Lan Huong Tran Hai Linh Le
	Travel Behaviours of Immigrants in Queensland, Australia	Sunhyung Yoo	Sunhyung Yoo Luke Diamond Jinwoo Lee
	Adaptive Driving Route of Busses along Epifanio de los Santos Avenue (EDSA), Metro Manila, using Fuzzy Logic	Bernard Yasay	Alexis Fillone Bernard Yasay Elmer Dadios
<b>Session 70</b>	<b>Energy and Environment (3)</b>		
Sept. 13 10:30 - 11:45	Statistical Analyses on Actual EV Shuttle Operation Service Data	Koken Yahara	Koken Yahara Tetsuro Hyodo Daisuke Watanabe
	Comparison of Fuel Economy of Fuel and Operating Characteristics of Diesel and Auto-LPG Jeepneys through On-Road and Vehicle Tests	Edwin Quiros	Edwin Quiros Karl Vergel Ernesto Abaya Ervin Santos Jose Gabriel Mercado
	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 Tetsuhiro Ishizaka Atsushi Fukuda Sathita Malaitham
	Quantifying the Effectiveness of Transportation Policy Measures for Reducing Energy Demand under Energy Emergency	Sungwon Lee	Sungwon Lee Taihyung Lee Gyunyoung Kim Keechoo Choi
<b>Session 71</b>	<b>Transportation Planning and Policy (11)</b>		
Sept. 13 13:15 - 14:30	A Study of Metro Manila's Public Transportation Sector By Implementing Multimodal Public Transportation Route Planner	Chelcie Narboneta	Chelcie Narboneta Kardi Teknomo

ROOM 6: SAN MARTIN 3			
	Paper Title	Presenter	Authors
Sept. 13 13:15 - 14:30	Effects of Traffic Signal Locations on Stop Line Compliance of Vehicle Drivers in Korea	Jin-Tae Kim	Jin-Tae Kim
<b>Session 72</b>	<b>Travel Demand Modeling (4)</b>		
Sept. 13 14:45 - 16:00	Development of Evacuation Plan by Utilizing Transportation Modeling in the City of Borongan, Eastern Samar	Riches Bacero	Riches Bacero
	An Analysis of Route Demand for Low-Cost Carriers--A Case Study Taiwanese Travelers	Wei-Chung Hung	Chieh-Yu Hsiao Wei-Chung Hung Chia-Huei Liao I-Hao Su
	A Similarity-based Self-evolutionary Model for Railway Arrival Forecasting	Tsung-Hsien Tsai	Tsung-Hsien Tsai

ROOM 7: SAN LUCAS			
	Paper Title	Presenter	Authors
<b>Session 73</b>	<b>Intelligent Transport Systems (2)</b>		
Sept. 11 13:15 - 14:30	Dynamic Journey Time Estimation in Stochastic Road Networks with Uncertainty	William Lam	Qiong Tang Xingang Li William H.K Lam H.W. Ho
	Application of Traffic State Prediction Methods to Urban Expressway Network in the City of Seoul	Minju Park	Youngho Kim Woojin Kang Minju Park
	Automatic Traffic Incident Detection Algorithm for Both Rain and No-Rain Conditions	William Lam	William Lam Mei Lam Tam Xiangmin Li
<b>Session 74</b>	<b>Survey and Data Collection (1)</b>		
Sept. 11 14:45 - 16:00	A Virtual Trip Line Matching Model for Cellular Vehicle Probe Positioning and Tracking	Chih-Wei Hsieh	Yu-Chiun Chiou Chih-Wei Hsieh
	A Study on Mode Classification for Mixed Traffic Flow Based on Smart Phone Data	Yasuhiro Shiomi	Yasuhiro Shiomi Nishiuchi Hiroaki Toshio Yoshii
<b>Session 75</b>	<b>Capacity and Traffic Flow Analysis (1)</b>		
Sept. 11 16:15 - 17:30	Arterial Speed Studies Based on Data from GPS Equipped Probe Vehicle	Porntep Puangprakhon	Porntep Puangprakhon Soraw Narupiti
	Traffic Simulation Study for Alleviating Traffic Congestion Problem in Jakarta Urban Toll Road	Rudy Hermawan Karsaman	Rudy Hermawan Karsaman Aine Kusumawati Widyarini Weningtyas Jongga Jihanny Ary Hafianti Gunawan Wicaksono
	Learning from the Implementation of Traffic Calming Devices in Dhaka City	Farzana Rahman	Rahman Farzana Tri Basuki Joewono Shahidullah Al Masum Sahriar Iftekhar
<b>Session 76</b>	<b>Driving Behavior (3)</b>		
Sept. 12 09:00 - 10:15	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
	Study on Lateral Placement and Speed of Vehicles under Mixed Traffic Condition	Akhilesh Kumar Maurya	Akhilesh Kumar Maurya Geetimukta Mahapatra
<b>Session 77</b>	<b>Urban and Regional Planning (4)</b>		
Sept. 12 10:30 - 11:45	Modeling the Role of Infrastructure for Regional Development	Surya Raj Acharya	Surya Raj Acharya
	Infrastructure Development Program in Rural Areas using the Integrated Rural Accessibility Planning (IRAP)	Ludfi Djakfar	Ludfi Djakfar Jaya Bakri Harnen Sulistio Achmad Wicaksono
	Re-Routing Public Bus Services for Kandy City	Amal Kumarage	Janaka Weerawardana Amal Kumarage Wimukthi Bandara
<b>Session 78</b>	<b>Public Transport in Asia (6)</b>		
Sept. 12 13:15 - 14:30	Actual Conditions at the Metro Manila MRT-3 during the Morning Peak Period: Focus on Passengers' Viewpoint	Andra Charis Mijares	Andra Charis Mijares Mio Suzuki Tetsuo Yai
	Safety and Security Needs of Commuter Rail Services - Travellers' Perceptions	Norlida Abdul Hamid	Norlida Abdul Hamid Peck Leong Tan Mohamad Faizul Mohamad Zali Ubaidah Rahamat Norazila Abd Aziz
	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



ROOM 7: SAN LUCAS			
	Paper Title	Presenter	Authors
<b>Session 79</b>	<b>Survey and Data Collection (2)</b>		
Sept. 12 14:45 - 16:00	Analysis of Transit User Satisfaction Using Structural Equation Models	Sunyoung Park	Sunyoung Park Jungmee Kim Jinso Lee Intack Oh
	Comparison of Activity Type Identification from Mobile Phone GPS Data Using Various Machine Learning Methods	Lei Gong	Lei Gong Toshiyuki Yamamoto Takayuki Morikawa
	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 Seong
<b>Session 80</b>	<b>Survey and Data Collection (3)</b>		
Sept. 12 16:15 - 17:30	Public Acceptance Survey for Evaluation of Traffic Calming Prioritization Process	Farzana Rahman	Farzana Rahman Yoshida Shingo
	Map Matching on Sparse GPS Data: A Perspective of a Developing City	Moinul Hossain	Moinul Hossain Nova Ahmed Md Mahfuzur Rahman Siddiquee Refaya Karim Mohsina Zaman Rifat Monzur
	Ranking of Hazardous Highway Locations in Thailand	Ponjanat Ubolchay	Ponjanat Ubolchay Mongkut Piantanakulchai
	A Study On Drivers' Route Choice Under The Influence Of ATIS Accuracy	El Bachir Diop	El Bachir Diop Shenchuan Zhao Bingrong Sun
<b>Session 81</b>	<b>Travel Behavior Analysis (8)</b>		
Sept. 13 09:00 - 10:15	Accessibility of Labor Market Case Study: Indonesian Cities and Bangkok, Thailand	Hananto Prakoso	Hananto Prakoso Somchai Pathomsiri Jean-Pierre Orfeuill Jachrizal Sumabrata
	Making the Connection between Transport Disadvantage and Motorcycle Usage of Low-Income People in Yogyakarta Urbanized Area	Yori Herwangi	Yori Herwangi Pradono Pradono Ibnu Syabri Iwan Kustiwa
	Comparative Analysis of the Household Car Ownership between Toyota City and Nagoya City	Jia Yang	Jia Yang Hideki Kato Ryosuke Ando
<b>Session 82</b>	<b>Transportation Project Evaluation (3)</b>		
Sept. 13 10:30 - 11:45	Paired Comparison Method to Prioritize Traffic Calming Projects	Farzana Rahman	Farzana Rahman Yoshida Shingo
	Design and Development of Passenger Terminal at Batangas Port	Jocelyn Buluran	Jocelyn Buluran
	Planning Metro Manila's Mass Transit System	Ricardo Jose	Daniel Mabazza Ricardo Jose Jose Regin Regidor Marco Stefan Lagman Jonathan Villasper
<b>Session 83</b>	<b>Historical Studies and International Cooperation (1)</b>		
Sept. 13 13:15 - 14:30	Challenges of Urban Transport Development in Metro Manila: A look back at the last 40 years	Jose Regin Regidor	Maria Sheilah Napalang Jose Regin Regidor
	A Preliminary Study on Differences of Previous and Current Town Planning on Travel Behavior of Road Users in Malaysia	Akinori Miromito	Yong Adilah Shamsul Harumain Akinori Morimoto
	An Assessment of the Public Necessity Concept for Estimating the Requirements for Public Transport Vehicle	Jose Regin Regidor	Arnel Manresa Karl Vergel Jose Regin Regidor

ROOM 7: SAN LUCAS			
	Paper Title	Presenter	Authors
Session 84	Historical Studies and International Cooperation (2)		
Sept. 13 14:45 - 16:00	Land Governance for Transit Oriented Development in Densely Built Urban Area (Case Study: Jakarta, Indonesia)	Puspita Dirgahayani	Puspita Dirgahayani Ibnu Syabri Nurrahman Putro Waluyo
	Studying Movements of Large Cruise Ships in Asia Using Automated Identification System Data	Hirohito Ito	Hirohito Ito Kazunari Ogata
	Urban Railway Network Planning in the Greater Yangon, Myanmar	Phan Le Binh	Phan Le Binh Takashi Shoyama Hironori Kato

ROOM 8: CRISTOBAL ONE			
	Paper Title	Presenter	Authors
<b>Session 85</b>	<b>Air and Water Transportation Policy (1)</b>		
Sept. 11 13:15 - 14:30	Dynamics of Air Transportation Inside the Philippine Archipelago	Yves Boquet	Yves Boquet
	A Set Of Proposed Sustainable Transport Indicators For Rural River Transport In Indonesia	Muhammad Fathoni	Muhammad Fathoni Pradono Pradono Ibnu Syabri Shanty YR
	Determinants of Banking Sector's Credit Granting Policy for the Yacht Industry in Taiwan	Yichih Yang	Yichih Yang Hsien-Pin Liu
<b>Session 86</b>	<b>Air and Water Transportation Policy (2)</b>		
Sept. 11 14:45 - 16:00	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 in Japan	Atushi Tagami	Masato Okayama Atushi Tagami
	Measuring Connectivity for Domestic Maritime Transport Network	Russ Bona Frazila	Russ Bona Frazila Febri Zukhruf
<b>Session 87</b>	<b>Transportation Planning and Policy (1)</b>		
Sept. 11 16:15 - 17:30	User Rights in Passenger Transport	Amal Kumarage	Amal Kumarage Maheshika Sakalasuriya
	Train Operation Adjustment Model of Heavy Haul Railway Based on Train Combined Strategy	Yi Zhao	Yi Zhao Wei Cao Xi Zhang
	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 Tsuji
	The Digitised Railway Facility Management System and the Application to GIS and GPS to Railway Operation	Fumio Kurosaki	Fumio Kurosaki
<b>Session 88</b>	<b>Transportation Project Evaluation (1)</b>		
Sept. 12 09:00 - 10:15	Evaluation of Inter-Regional Transportation Network Considering Multi-Modal Route Alternatives	Takuya Watanabe	Takuya Watanabe Munenori Shibata Takamasa Suzuki
	Life Cycle Cost Estimation for Building, Operating, and Maintaining High Speed Rail with Optimized Technical Option	Hironori Kato	Etienne Le Maout Hironori Kato
<b>Session 89</b>	<b>Transportation Planning and Policy in Asia (4)</b>		
Sept. 12 10:30 - 11:45	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
	Time Use of Urban Poor and Rural Poor on Activity and Travel in Gujarat India: Similarities and Difference	Makoto Chikaraishi	Makoto Chikaraishi Arnab Jana Ronit Bardhan Akimasa Fujiwara
	Psychological Factors Influencing Intentions to Use Bus Rapid Transit (BRT) in Khon Kaen, Thailand	Rattaporn Kaewklungklom	Rattaporn Kaewklungklom Wichuda Satiennam Sitha Jaensirisak Thaned Satiennam
<b>Session 90</b>	<b>Energy and Environment (1)</b>		
Sept. 12 13:15 - 14:30	Comparative Study of the Effects of Fuel Sources (Diesel, Gasoline and Autogas) in Public Transportation in Metro Manila on Price, Emission and Health Issues	Francis Aldrine Uy	Francis Aldrine Uy
	Travel Speed Estimation Considering Weather Conditions and Snow Removal Operations on an Urban Arterial	Sungmin Hong	Sungmin Hong Toru Hagiwara Shouichi Takeuchi Birei Lu
	An O-D Approach of Estimating Energy Demand and CO2 Emission for the Luzon Road Transport using Inter-Regional Passenger and Freight Flow Data	Marloe Sundo	Marloe Sundo Karl Vergel

ROOM 8: CRISTOBAL ONE			
	Paper Title	Presenter	Authors
<b>Session 91</b>	<b>Energy and Enviroment (2)</b>		
Sept. 12 14:45 - 16:00	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 Karl Vergel Ricardo Sigua Edwin Quiros Jose Bienvenido Biona
	Development of Drive Cycles and Measurement of Fuel Economies of Light Duty Vehicles in Metro Manila	Ernesto Abaya	Ernesto Batac Abaya Karl Vergel Ricardo Sigua Edwin Quiros
	How to Overcome Illegal Waste Disposal along Toll Road Side in Indonesia	A. Caroline Sutandi	A. Caroline Sutandi Wimpy Santosa Agus Taufik Mulyono
<b>Session 92</b>	<b>Energy and Enviroment (4)</b>		
Sept. 13 09:00 - 10:15	Evaluation of Road Utilization Needs for Road Space Reallocation	Takanori Sunagawa	Jongjin Yoon Takanori Sunagawa Hiroaki Takebayashi Masahiro Emori
	Towards Carbon Dioxide Emission Reduction through Public Transport Revitalization: Case of Proposed Surabaya Tram Transit Project	Pradono Pradono	Pradono Pradono Iwan Kusumantoro Argasadha Retapradana
	Some Possible Ways Of Extending The Electric Vehicle Transportation In Mongolia	Bayarsaikhan Tsend-Ayush	Bayarsaikhan Tsend-Ayush
<b>Session 93</b>	<b>Tourism</b>		
Sept. 13 10:30 - 11:45	Travel Expenditure of Inbound Tourists in Japan: Market Segments by Nationality and Travel Experience	Shogo Sakamoto	Shogo Sakamoto Takeshi Kurihara Naoyuki Tomari
	Exploring the Important Driving Satisfaction Factors at Different Road Segments; Focus on Tourism Trips	Safizahanin Mokhtar	Safizahanin Mokhtar Tetsuo Shimizu
	Characteristics of Cruise Tourism in Asia	Makoto Fujiu	Makoto Fujiu Masahiro Yoshioka Kazuyuki Takada Jyunichi Takayama Shoichiro Nakayama
<b>Session 94</b>	<b>Accident and Safety (7)</b>		
Sept. 13 13:15 - 14:30	Identifying Black Spots Based on Safety Potential - A Suitable Approach to Accident Reduction in Developing Countries	Huy Huu Nguyen	Huy Huu Nguyen
	Guideline For Survey, Investigation, and Design of Black Spot Location (Sid-Lrk) In Lampung Province, Indonesia	Budi Hartanto Susilo	Budi Hartanto Susilo
	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	Mothafer Ghasak Ibrahim Toshiyuki Yamamoto Venkataraman Shankar
<b>Session 95</b>	<b>Accident and Safety (8)</b>		
Sept. 13 14:45 - 16:00	A Study of Relations Between Speed Of Vehicles and Road Condition	Jetsada Kumphong	Jetsada Kumphong
	How Much Money Will Losses Cause of Accident and Traffic Jam Case Study Main Road in Bandar Lampung, Indonesi	Rahayu Sulistyorini	Rahayu Sulistyorini

ROOM 9: CRISTOBAL TWO			
	Paper Title	Presenter	Authors
<b>Session 96</b>	<b>Travel Behavior Analysis (4)</b>		
Sept. 11 13:15 - 14:30	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 Morichi
	Multi-Agent Simulation for Promoting Clean Energy Vehicle Considering with Concern for Environment and Local Interaction	Masashi Okushima	Masashi Okushima
	Determinants of Mode Choice in Unfamiliar Environment: Insight from New Delhi	Geetam Tiwari	Paranjyoti Lahkar Dr Ssls Sarma Geetam Tiwari
<b>Session 97</b>	<b>Public Transport in Asia (1)</b>		
Sept. 11 14:45 - 16:00	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 Yang
	Governing Public Transport Improvement Program in Indonesia - Comparative Case Study of Trans Musi Palembang and Trans Metro Bandung	Sudarmanto Budi Nugroho	Sudarmanto Budi Nugroho Eric Zusman
	Proposed BRT Corridor in Dhaka: Is It A Sustainable Solution?	Sirajum Munira	Sirajum Munira
<b>Session 98</b>	<b>Public Transport in Asia (2)</b>		
Sept. 11 16:15 - 17:30	Dignity of Travel: BRT Development in the Philippines	Cresencio Montalbo Jr.	Cresencio Montalbo Jr Colin Brader
	Performance Level Analyses of Public Transportation Using Importance Performance Analysis Method	Nursyamsu Hidayat	Nursyamsu Hidayat
	Comparison Analysis of the Livelihood Profile of Informal Transport Workers in South and Southeast Asia	Sudarmanto Budi Nugroho	Sudarmanto Budi Nugroho
<b>Session 99</b>	<b>Bus Operation and Planning (1)</b>		
Sept. 12 09:00 - 10:15	Urban Bus Network Design Using Genetic Algorithm and Map Information	Masamichi Takakura	Masamichi Takakura Takashi Furuta Mikiko Sode Tanaka
	Urban Bus Transportation System Design based on Optimization Theory	Takashi Furuta	Takashi Furuta Masamichi Takakura Mikiko Sode Tanaka
	Factors Affecting Bus Ridership With Respect To Passenger Demography: Case Study Of Seberang Perai, Pulau Pinang, Malaysia	Ahmad Hilmy Abdul Hamid	Ahmad Hilmy Abdul Hamid Nur Amirah Mohd Nuh
<b>Session 100</b>	<b>Bus Operation and Planning (2)</b>		
Sept. 12 10:30 - 11:45	Reform of Bus Operating System in the Seoul Metropolitan Areas in Korea	Young Jong Kwon	Young Jong Kwon
	Assessment of Metro Manila Bus Fare Computation	Sylvia Chavez	Sylvia Chavez Hilario Sean Palmiano
	Sustainable Transport Development in Nepal: Challenges Opportunities and Strategies	Ramesh Pokharel	Ramesh Pokharel Surya Raj Acharya
<b>Session 101</b>	<b>Transportation Planning and Policy in Asia (5)</b>		
Sept. 12 13:15 - 14:30	Mobile Professionals @work with Their Smartphones in the Greater Jakarta Area: Urban Travel Pattern toward the Connected Era	Gloriani Novita Christin	Gloriani Novita Christin Ofyar Tamin Idwan Santoso Miming Miharj
	An Analysis on the Accessibility Level of Public Transit for Persons with Disability: In care of Light Rail Transit (LRT 1)	Geoffrey Cueto	Geoffrey Cueto
	Changes in the Traffic of Heavy Goods Vehicles Through The Polish Eastern Border Against the Backdrop of Road Infrastructure Development and Geopolitical Situation	Tomasz Komornicki	Tomasz Komornicki Piotr Rosik
<b>Session 102</b>	<b>Transportation Planning and Policy in Asia (6)</b>		
Sept. 12 14:45 - 16:00	How Effectives are Cordon and Distance-Based Pricing at Reducing CO Emission?	Nafan Arifian	Nafan Arifian Zudhy Irawan Simon Shepherd



ROOM 9: CRISTOBAL TWO			
	Paper Title	Presenter	Authors
Sept. 12 14:45 - 16:00	Scheme of Security Equipment Layout in Large Passenger Railway Station	Xi Zhang	Xi Zhang Yi Zhao Zhu Huan Li
	Determinants of Demands of Pasig River Ferry Service	Francis Aldrine Uy	Francis Aldrine Uy
<b>Session 103</b>	<b>Public Transport in Asia (7)</b>		
Sept. 12 16:15 - 17:30	Public Transport Reform in Indonesian Cities	Anugrah Ilahi	Anugrah Ilahi Achmad Izzu Waro Petrus Sumarsono
	Sustainable Paratransit: Best Practice Cases in Europe and the Philippines	Martin Smoliner	Martin Smoliner Anabel Abuzo
	Estimating Riding Frequency Change of Community-bus by LOS Change Bus Operation - A Case Study on "Kururin-bus" in Nisshin City, Japan	Naoyuki Ito	Naoyuki Ito Yukimasa Matsumoto Atsushi Suzuki
<b>Session 104</b>	<b>Public Transport in Asia (9)</b>		
Sept. 13 09:00 - 10:15	Evaluating TransJogja Service Quality based on User Perceptions and Expectations	Aleksander Purba	Aleksander Purba Fumihiko Nakamura Shinji Tanaka Peamsook Sanit Ryo Ariyoshi
	A Design for Silver Star Integrated Green Bus Terminal	Geoffrey Cueto	Geoffrey Cueto
	Improving Public Transport Intermodality: Temporal Integration of Transit Services at Interchanges	Vahid Poorjafari	Vahid Poorjafari Wen Long Yue Nicholas Holyoak
<b>Session 105</b>	<b>Terminal Planning</b>		
Sept. 13 10:30 - 11:45	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
	A Study on Spatial Design and Usability of Station Plazas for Compact Planning	Sho Kashima	Sho Kashima Kenji Doi Takanori Sunagawa Hiroto Inoi
	An Integrated Model to Evaluate the Level-of-Service of Urban Rail Transfer Facilities in Consistent with User Perception	Jeong Whon Yu	Dongsu Kang Sunyoung Park Jinsu Lee Heechan Kang Jeong Whon Yu
<b>Session 106</b>	<b>Public Transport in Asia (10)</b>		
Sept. 13 13:15 - 14:30	An Analysis of Metro Manila MRT-3 Passengers' Perception of The Commuting Experience and Its Effects Using Structural Equation Modeling (SEM)	Andra Charis Mijares	Andra Charis Mijares Mio Suzuki Tetsuo Yai
	Development of Metro Congestion Information System for a Mobile Device	Ho Lee	Ho Lee Bongseok Yoo Kibaek Jang Youngsoo Kim Wooksu Lee
	Recent Change and Improvement of Urban Public Transportation in Great Jakarta	Harun al-Rasyid Lubis	Harun al-Rasyid Lubis Muhammad Farda Philip Sayeg

ROOM 10: SAN PABLO			
	Paper Title	Presenter	Authors
<b>Session 107</b>	<b>Urban and Regional Planning (1)</b>		
Sept. 11 14:45 - 16:00	Assessment of Accessibility to Urban Facilities for Better Urban Structure	Atushi Suzuki	Atsushi Suzuki Hiroyuki Suzuki
	Opinion Survey about Pedestrianization of Heritage Sites in the City of Iloilo, Philippines	Alexis Fillone	Alexis Fillone Frederick Sosuan
	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
<b>Session 111</b>	<b>Public Transport in Asia (8)</b>		
Sept. 12 13:15 - 14:30	The Impact of Public Transport Subsidy on Social Inclusion: The Case of Free Train Policy in Thailand	Tithiwach Tansawat	Tithiwach Tansawat Kunihiro Kishi Supornchai Utainarumol Piyapong Jiwattanakulpaisarn
	The Problematic in Implementing Mass Transit in Developing World	Rudi Sugiono Suyono	Rudi Sugiono Suyono Ofyar Tamin Sony Wibowo Heru Purboyo
	State of the Art of Paratransit Literatures in Asian Developing Countries	Phun Veng Kheang	Phun Veng Keang Tetsuo Yai
<b>Session 112</b>	<b>Transportation Planning and Policy in Asia (7)</b>		
Sept. 12 14:45 - 16:00	Accessibility to Public Transport Systems in Emerging Countries	Vu Anh Tuan	Vu Anh Tuan Duong Thanh Son
	Evaluation of Compliance of Dimensions and Selected Systems and Components of Customized Local Road Vehicles (CLRV) with Vehicle Regulations and Standards	Karl Vergel	Karl Narciso Vergel Rachel Habana Nonilo Peña Loreto Carasi Albert Mariño Alorna Abao
	Using Ordered Probit Modeling to Assess Perceived Bus performance in Phnom Penh	Veng Kheang Phun	Veng Kheang Phun Pharinet Pheng Tetsuo Yai
<b>Session 114</b>	<b>Freight Transportation and Logistics (8)</b>		
Sept. 13 09:00 - 10:15	Level of Transportation Infrastructure and Public Utility Readiness for Thai Investors in Myanmar, Cambodia and Lao PDR Economic Zones	Jittichai Rudjanakanoknad	Jittichai Rudjanakanoknad
	Analysis of Vulnerability in Multinational Retailing Delivery Service System: A Case Study of FamilyMart and Circle K	Yu Kai Huang	Yu-Kai Huang Cheng-Min Feng
	Route Optimization of Raw Material Supply Chain Rattan Case Study: Rattan Katingan Indonesia	Nurlaela Kumala Dewi	Nurlaela Kumala Dewi Pradono Pradono Miming Miharja Gatot Yudoko

## POSTER SESSIONS SCHEDULE

BUSINESS CENTER			
	Paper Title	Presenter	Authors
Session I	September 11 (Friday) 14:15 - 15:15		
	Operational Assessment of Speed Priority for High-Occupancy Vehicle Lanes over General-Purpose Lanes	Chih-Lin Chung	Chih-Lin Chung
	Promoting Public Transport for Sustainable Urban Development in Hanoi	Thuy Thu Trinh	Thuy Thu Trinh
	Evaluation of Fully Extracted ASBUTON Proportion in the Petroleum Asphalt Mixes Within the Frame of Viscoelastic Behavior	Harmein Rahman	Harmein Rahman Bambang Sugeng Subagio Eva Wahyu Indriyati
	Linking Social Network Analysis with the Analytic Hierarchy Process for Visualizing Knowledge Domains in Assessing Academic Performance - The Case of Taiwan's Intelligent Transportation Systems	Ruei-Jhih Jian	Chi-Chung Tao Ruei-Jhih Jian
	Developing Safety Performance Functions and Crash Modification Factors for Korean Rural Multilane Highways by Using Random Parameter Negative Binomial Model	Joonbum Lim	Joonbum Lim Soobeom Lee Joonki Kim
	Possibilities of Applying Public Private Partnership in Urban Transportation and its Outcomes	Batkhurel Gombodorj	Batkhurel Gombodorj
	Prioritization of High Speed Rail Project	Kamlesh Kumar Varma	Kamlesh Kumar Varma Makoto Shimamura
	Study on Calibrating the Volume Delay Functions of the Travel Demand Model on Expressways Using a Genetic Algorithm	Kyung Hyun Kim	Sangmin Park Eum Han Jeehyung Park Ilsoo Yun
	Study on Electric Bicycle Use in Vietnam	Trinh Thu Thuy	Trinh Thu Thuy
	Development of Realistic Driving Route Calculation Algorithm Considering Lane-Changing Time	Inchul Yang	Inchul Yang Woo Hoon Jeon Hyung-Jin Kim Hyunmyun Kim
	Customer Satisfaction Analysis of the Luxury Long Distance Bus Service in Sri Lanka	Djoen San Santoso	Djoen San Santoso Dmw Kanishka Kuk Rambukwella
	Countermeasure Analysis of Urban Basic Parking Lot Shortage Based on Economic Means	Jing Shi	Jing Shi Enda Wang
	Reforming Integrated Land-use Transport Systems to be Sustainable by Evaluating QOL Performance against CO2 Emission	Fumei Gu	Fumei Gu
	Traffic Noise Measurement, Perception, and Modelling in a University Campus	Hilario Sean Palmiano	Hilario Sean Palmiano John Carlo Villar Michelle Monelle Quilatan
	Comparative Study on Essential Data of Motorcycles for Different Socio-Economic Areas / Regions in Vietnam	Duong Thi Mai Hoa	Nguyen Huu Duc Duong Thi Mai Hoa Nguyen Thien Huong Nguyen Ngoc Bao
	Motorcycles in Vietnam: on Essential Data until 2014 and on Different Impacts of Socio-economic Conditions for Long- and for Short-term	Nguyen Huu Duc	Nguyen Huu Duc Duong Thi Mai Hoa Nguyen Thien Huong Nguyen Ngoc Bao
	Yangon's Urban Transportation: Traffic Demand and Its Quality of Service	Momoko Kojima	Momoko Kojima Takayoshi Futose Le Binh Phan Hironori Kato
	Trip Characteristics of Commuters Accessing Rail Transit by Considering Distance and Slope with Integration of Public Bus as a Feeder	Djoen San Santoso	Djoen San Santoso Kunihiro Sakamoto Masaru Yajima Hisashi Kubota
	Development and Effective Use of a Wire Rope Guardrail System for Two-lane Roads in Japan	Masayuki Hirasawa	Masayuki Hirasawa Tetsuya Takada Tateki Ishida
	Study on Determining of Construction Priority of Highway Database using the GIS-based Method and AHP		Sungpil Shin Dukgeun Yun Inchul Yang

BUSINESS CENTER			
	Paper Title	Presenter	Authors
<b>Session I</b>	<b>September 11 (Friday) 14:15 - 15:15</b>		
	Making the Connection between Transport Disadvantage and Motorcycle Usage of Low-Income People in Yogyakarta Urbanized Area	Yori Herwangi	Yori Herwangi Pradono Pradono Ibnu Syabri Iwan Kustiwa
	A Study on the Interplay of Traffic Information	Inchul Yang	Inchul Yang
	Study on Traffic Control Sign Recognition using Support Vector Machine		Dukgeun Yun Seonghoon Kim Jaehong Park Yankki Jung
	Estimating Congestion Cost In Delhi, India	Mohsin Manzoor Janwari	Mohsin Manzoor Janwari Geetam Tiwari Mohan Rao
	Public and Private Partnership in Public Transportation Service	Batkhurel Gombodorj	Batkhurel Gombodorj
	Tokyo Road Network Gridlock After the Great East Japan Earthquake	Yutaro Kiyota	Seiji Iwakura Yutaro Kiyota Yasuhiro Nonaka
	Assessing the Relevance of Traffic Impact Assessment (TIA) in Kathmandu Valley	Kamal Kumar Sah	Kamal Kumar Sah
	Economic Valuation of the Bimodal Tram	Ilsoo Yun	Ilsoo Yun Kyung Hyun Kim Sangmin Park Sang Soo Lee Jeong Whon Yu
<b>Session II</b>	<b>September 12 (Saturday) 10:00 - 11:00</b>		
	Public Satisfaction with Service Quality of Daewoo Urban Bus Service in Lahore	Muhammad Ashraf Javid	Muhammad Ashraf Javid Toshiyuki Okamura Fumihiko Nakamura
	Analysis of Efficient Public Transport Network Using Smart Card Data and Simulation Approach in Takamatsu, Japan	Masanobu Kii	Masanobu Kii Jun-Ichi Terao Kazuki Nakamura
	Determinants of Certificate of Entitlement Premium for Cars under Vehicle Quota System in Singapore	Qiang Meng	Qiang Meng Zhaoyang Lu
	Public Private Partnership is One of the Main Instruments of Development of Transport and Logistics in Mongolia	Unursaikhan Dambadorj	Unursaikhan Dambadorj
	Analysis on Characteristics of Passenger Car and Motorcycle Fleets and Their Driving Conditions in Developing Country: A Case Study in Ho Chi Minh City, Vietnam	Chu Tien Dung	Chu Tien Dung Tomio Miwa Hitomi Sato Takayuki Morikawa
	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
	Considering the Safety and Convenience Rail Customers Rail Stations and Park-and-Ride Facilities Improvement	Kim Hyun Ju	Jangwook Kim Sungpil Choi Young-Taek Oh
	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 Madhu Errampalli
	How Effectives are Cordon and Distance-Based Pricing at Reducing Co2 Emission?	Nafan Arifian	Nafan Arifian Zudhy Irawan Simon Shepherd
	Sentiment Analysis on Expressways Using Opinion Mining and Tweets	Eum Han	Doo-Pyo Hong Hwanpil Lee Eum Han Kyung Hyun Kim Hangeom Ko Ilsoo Yun
	Bi-level Transit Subsidy Optimization Models under Ecological Footprint Constraints	Yu-Chiun Chiou	Yu-Chiun Chiou Pang-Cheng Liu
	Towards Carbon Dioxide Emission Reduction through Public Transport Revitalization: Case of Proposed Surabaya Tram Transit Project	Pradono Pradono	Pradono Pradono Iwan P. Kusumantoro Argasadha Retapradana

BUSINESS CENTER			
	Paper Title	Presenter	Authors
<b>Session II</b>	<b>September 12 (Saturday) 10:00 - 11:00</b>		
	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
	Modeling Pedestrian Presence Probability on Signalized Crosswalks for the Safety Assessment Considering Crosswalk Length and Signal Timing	Xin Zhang	Xin Zhang Hideki Nakamura
	Calibration of the Number of Registered Vehicles for Estimating the Regional Vehicle Emissions	Hahn Jin-Seok	Hahn Jin-Seok Hye Ran Kim
	A Passengers Matching Problem in Ridesharing Systems by Considering User Preference	Phathinan Thaitatkul	Phathinan Thaitatkul Toru Seo Takahiko Kusakabe Yasuo Asakura
	Improving Public Transport Intermodality: Temporal Integration of Transit Services at Interchanges	Vahid Poorjafari	Vahid Poorjafari Wen Long Yue Nicholas Holyoak
	A Theoretical Overview on Effects of Road Humps on Traffic Speed, Noise and Volume in Improving Residential Living Environment	Khairun Sarah Radhiah Bachok	Khairun Sarah Radhiah Bachok Abdul Azeez Kadar Hamsa Mohd Zin Mohamed Mansor Ibrahim
	A Macro-Micro Model under Mixed Traffic Flow Conditions	Chih-Wei Hsieh	Yu-Chiun Chiou Chen-An Sun Chih-Wei Hsieh
	Coal Transportation Resources, Transportation and Environment	Batbayar Balgan	Batbayar Balgan
	Key Factors to Affect Elderly Pedestrian Travel Behavior Using a Multi-level Regression Model : A Case for Seoul	Sung Taek Choi	Sung Taek Choi Sangho Choo Hyangsook Lee Jinyoung Jang
	Revealing the Vacant Taxi Customer-search Patterns during Extreme Weather: Insights for Policy Measures	W.H. YANG	R.C.P. Wong W.H. Yang Wai Yuen Szeto S.C. Wong
	About Pedestrian Crossing Safety in Ulaanbaatar	Erdenetuya Amgalan	Erdenetuya Amgalan
	An Analysis of Causes to Damages for Rural Roads in the Northern Mountainous Region of Vietnam and an Orientation to Solutions	Do Duy Dinh	Do Duy Dinh
	Problems of Metropolitan Traffic Organization and Ways to Solve them	Erdenetuya Amgalan	Erdenetuya Amgalan
	Simulation and Evaluation on Schemes of Trains Operating Organization for Shuohuang Railway on RailSys	Yi Zhao	Yi Zhao Wei Cao Xi Zhang
	Study of Functional index of Bus in Seoul metropolitan area by Smart card data	Donguk Jang	Donguk Jang Yung In Lee
	Modelling Travellers' Behaviour at Connection point: A Case Study of Dalian High Speed Rail	Jacqueline Shula Nayame	Jacqueline Shula Nayame Shengchuan Zhao Bai Dandan
	Current Public Transport Service Operating Characteristics Along Epifanio Delos Santos Avenue (EDSA), Metro Manila	Krister Roquel	Krister Ian Roquel Alexis Fillone
	Integrating Sustainable Non - Motorized Public Transport in the City of Manila, Philippines Through Analytic Hierarchy Process (AHP)	Jocelyn Buluran	Jocelyn Buluran
	Comparative Analysis on Results of Using Dual Fuel Diesel-LPG for Buses	Bayarsuren Badarch	Bayarsuren Badarch
<b>Session III</b>	<b>September 12 (Saturday) 14:15 - 15:15</b>		
	Travel Time Prediction for Time-Table-Based Vehicles Traveling on Known Routes	Huey-Kuo Chen	Huey-Kuo Chen
	Optimization of the Durability of SINOTRUCK HOWO-371 Truck Used in DARKHAN Steel Company	Myagmarjav Jigjjav	Myagmarjav Jigjjav



BUSINESS CENTER			
	Paper Title	Presenter	Authors
Session III	September 12 (Saturday) 14:15 - 15:15		
	Development and Validation of a Roundabout Entry Capacity Model Considering Pedestrians under Japanese Conditions	Nobuto Kanbe	Nan Kang Nobuto Kanbe Hideki Nakamura Shinj
	Analysing the behaviour and performance of Neural Network Trip Distribution Models toward Different Hidden Layer and Node Numbers	Gusri Yaldi	Gusri Yaldi
	A Deeper Insight of Neural Network Spatial Interaction Model's performance Trained with Different Training Algorithms	Gusri Yaldi	Gusri Yaldi
	Exploring Trip Fuel Consumption by Machine Learning from GPS And CAN Bus Data	Weiliang Zeng	Weiliang Zeng Tomio Miwa Takayuki Morikawa
	Air Freight Logistics Chain Realized by the Unmanned Aircrafts and its Management Arrangements and the Future	Erdenebat Batzorig	Erdenebat Batzorig
	Using Ecological Footprint Model for Port Ecosystem Sustainability Assessment	Zijian Guo	Zijian Guo Qi Zhang Wenyuan Wang Can Wang
	Evaluation of the Visibility of Pedestrians at Night by Changing the Road Environment	Hidekatsu Hamaoka	Hidekatsu Hamaoka Misaki Saito
	The Research for the Establishment Standard of Comprehensive Curve Section Lane Line by Simulator	Jiyeon Hong	Joonbum Lim Soobeom Lee Jiyeon Hong
	Study on Road Sign Suitability Analysis Methodology in Road Sign Management System in South-Korea	Yoon Hee Sung	Yoon Hee Sung In Taek Jung Young Ihn Lee Kyu Soo Chong
	A Empirical Survey on Port Risk Management in the Kaohsiung Port	Taih-Cherng Lirn	Taih-Cherng Ted Lirn Kuo-Chung Shang
	Assessing Risk Factors for Pedestrian Fatal Crashes on National Highways in India	Hasan M. Naqvi	Hasan Naqvi Geetam Tiwari
	"Platinum Time" Operation Measures to Reduce Traffic Fatalities	Jun Lee	Jun Lee Gunyoung Kim Hye Rin Ahn
	Mixed Traffic Saturation Flows of Signalized Intersections in Motorcycle Dominant Cities	Vu Anh Tuan	Anh Tuan Vu Nguyen Dinh Vinh Man
	Analysis of the Impact of Abandoned Direct Air Routes on Inter-regional Passenger Travel Flows in Japan	Yuto Shiraishi	Yuto Shiraishi Terumitsu Hirata
	Estimation of PET and Threshold Wait Time for Pedestrians on Busy Urban Corridor in Heterogeneous Traffic Environment: An Experience in Kolkata	Bhargab Maitra	Anush Konayakanahalli Chandrappa Kinjal Bhattacharyya Bhargab Maitra
	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
	A Factor Analysis of the Traffic Accident Frequency by Type in Japanese Major Road Sections	Kazuki Watanabe	Kazuki Watanabe Hideki Nakamura
	On-street Parking Evaluation Divisoria, Cagayan De Oro City	Francis Camomot	David Jorey Alfaro Francis Camomot Allison Cyril Escalante Hipolito Bair Anabel Abuzo
	Direct over Indirect Container Transport for 'Remote' Areas: A Case for North Queensland?	Matthew Burke	Yong Wu Matthew Ian Burke Jenny Cui Peter Hal
	A Study of Metro Manila's Public Transportation Sector By Implementing A Multimodal Public Transportation Route Planner	Chelcie Narboneta	Chelcie Narboneta Kardi Teknomo
	The Effect of Supervised Riding on Young Motorcyclists' Riding Behaviour	Choy Peng Ng	Choy Peng Ng Teik Hua Law Nur Abdul Sukor Nur Aini Rosli Siti Noranis Aqilah Azemin

BUSINESS CENTER			
	Paper Title	Presenter	Authors
<b>Session III</b>	<b>September 12 (Saturday) 14:15 - 15:15</b>		
	Proposal of Synchronic Solutions to Enhance the Road Traffic Safety of Vietnam by 2020, and Driven by 2030	Ly Huy Tuan	Ly Huy Tuan
	Passenger Intention to Help Drivers Driving Safely	Chi-Yen Lai	Hsin-Li Chang Chi-Yen Lai I-Wen Wu
	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 Ha
	Factors to Influence Green Shipping Actions Taken by Carriers	Rong-Her Chiu	Rong-Her Chiu Yin-Jia Huang Shih-Chan Ting
	Analysis on Marine Traffic Flow using Satellite AIS Data	Taro Aratani	Taro Aratani Hiroshi Matsukura Takahiro Seta Takahiro Majima
	Fundamental Analysis of Airport Operation and Capacity in Disaster	Wataru Kodato	Wataru Kodato Terumitsu Hirata
<b>Session IV</b>	<b>September 13 (Sunday) 10:00 - 11:00</b>		
	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
	Evaluating The Operational Performance of Signalized Intersections Involving U-turns in Aswan City, Egypt	Shinji Tanaka	Sherif Shokry Abdrabo Shinji Tanaka
	Assessment of Sustainable Ecotourism Development: A Case Study of Gao Gong Ecotourism Park, Vietnam	Tu Anh Trinh	Tu Anh Trinh Thi Phuong Linh Le
	Design and Development of Passenger Terminal Extension of Clark International Airport	Jocelyn Buluran	Jocelyn Buluran
	Motorcycle Growth and its Emission Contribution to Urban Air Pollution	Driejana Driejana	Driejana Driejana Filson Sidjabat
	Towards Traffic Impact Analysis Model for Indonesia Case Study Trans Studio Mall Bandung	Karda D Yayat	Karda Dede Yayat Boy Kombaitan Pradono Onodar Heru Purboyo
	Assessment of Alternative Pavement Options for Local Roads in Guimaras, Philippines	Nelson Doroy	Nelson Boysillo Doroy Alexis Fillone Ramilo Villasis Evan Arias Reynaldo Asuncion
	Understanding Pedestrian Movement at Rail Transit Station Ticketing Gate	Masria Mustafa	Masria Mustafa Mohd Siddiq Farouq Md. Noor
	Comparison of Fuel Economy of Fuel and Operating Characteristics of Diesel and Auto-LPG Jeepneys through On-road and Vehicle Tests	Edwin Quiros	Edwin Quiros Karl Vergel Ernesto Batac Abaya Ervin Santos Jose Gabriel Mercado
	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	Wonchul Kim Junyi Zhang Akimasa Fujiwara
	Drivers' Travel Information Styles and Adaptation Behaviors to Dynamic Travel Information About Accidents On Expressway	Ying Jiang	Ying Jiang Junyi Zhang
	A Study of Freight Facility Location in Tokyo Metropolitan and its Future	Mami Iwakata	Mami Iwakata Naohisa Okamoto Haruo Ishida Tetsuro Hyodo
	An Analysis of Start-up Behavior of Motorcycle Riders at Signalized Intersections in Hanoi, Viet Nam Considering the Effect of Traffic Countdown Signal	Dang Minh Tan	Dang Minh Tan
	Agent-Based Mobility Simulation Model for Disaster Response Vehicles	Elvira Yaneza	Elvira Yaneza Gerardo Doroja Anabel Abuzo

BUSINESS CENTER			
	Paper Title	Presenter	Authors
Session IV	September 13 (Sunday) 10:00 - 11:00		
	Exploring Activity Patterns of the Taipei Public Bikesharing System	Inn-Tsai Wong	J. T. Wong Chun-Yen Cheng
	Least-cost Path and Multi-criteria Decision Analyses on the Sumatera High-Grade Highway Route Plans	Berlian Kushari	Berlian Kushari Agus Taufik Mulyono Agus Hendratno
	A Simulation Study on Sustainable Market Design for Short-trip Rideshare Based on Bipartite Matching in Village Community	Hirofumi Yotsutsuji	Hirofumi Yotsutsuji Kuniaki Sasaki Mitsuho Maruyama
	Impact of Supplements to Produce Sinter Using Iron Ore Powder Concentrate of Tamir River	Ganbold Dashdorj	Ganbat Dashdorj
	A Study of Reestablishing Emergency Road Traffic Due to Disaster Occurrence	Jaehyun Park	Jaehyun Park
	Developing Innovative Intersection Configuration: Planning Tool	Akhilesh Maurya	Avijit Maji Prabhati Bhattacharya Akhilesh Maurya
	Measuring Area-Wide Road Travel Speeds in Urban Areas in Developing Countries - A Case Study in the Colombo Metropolitan Area	Hirohisa Kawaguchi	Hirohisa Kawaguchi Yoshihisa Asada Samarasinghe Maheshara Hedeniya Ruwan
	Influences of Motorcycle Use on Travel Intentions in Developing Countries: A Case of Ho Chi Minh City, Vietnam	Hoang Le Quan	Hoang Le Quan Toshiyuki Okamura
	Establishing Bus Route's Level of Service by using Smart Card and Stress Index	Young-Don Kim	Young-Don Kim Young-Inn Lee
	The Effect of Time Pressure and Traffic Volume on Aggressive Motorcycling Behavior of Motorcyclist	Dan Lwo	Hsin-Li Chang Dan Lwo
	Pedestrian Characteristic for Mid-Block Signalized Crossing in Jakarta	Endang Widjajanti	Endang Widjajanti
	An Extended Potential Field Method for Pedestrian Route Choice Considering their Partial Vision	Weijie Wang	Weijie Wang
	Tram Signal Priority Strategy using Green Band Optimization Model	Youngje Jeong	Youngje Jeong Junha Jeong Gyehyeong Ahn Doowhan Doo Cheolseung Hyeon Hyerim Cho
	Real-Time Signal Control Model based on Travel Time Data	Youngje Jeong	Youngje Jeong Junha Jeong Gyehyeong Ahn Doowhan Doo Gwangyong Ko Nakwon Heo Hyerim Cho
	A Study on the Impacts of Traffic Circles on the Behavior of Through Traffic at At-grade Intersections in Hanoi, Vietnam	Dang Minh Tan	Dang Minh Tan
	A Comparative Study on Countermeasures against Taxi Oversupply in Metropolitan Cities - Cases of Tokyo and Seoul	Naoyuki Tomari	Naoyuki Tomari Sangwook Kang
	Safety Assessment of Auxiliary Lanes at Downstream of U-turns Using Relative Conflict Indexes	Inder Pal Meel	Inder Pal Meel Brannolte Brannolte Andreas Vesper Attila Borsos
	Congestion Alleviation Measures at Port Area -An Example of Chennai Port-	Akira Koyama	Makoto Mizutani Akira Koyama Norihiro Fukazawa Hiroshi Kimoto
	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

## SOCIAL EVENTS

Opening Ceremony	
<b>Date and Time:</b>	Friday, September 11, 09:00 - 12:10
<b>Venue:</b>	Santa Maria Ballroom, Radisson Blu Hotel, Cebu City
09:00 - 09:20	<b>Opening of Exhibits</b>
09:20 - 09:35	<b>Opening Presentation</b>
	<b>Greetings and Welcome Remarks</b>
09:35 - 09:50	<b>Dr. Reynaldo B. Ve</b> Chair, EASTS 2015 Conference Committee Vice President, Eastern Asia Society for Transportation Studies
09:50 - 10:05	<b>Dr. Cheng-Min Feng</b> President, Eastern Asia Society for Transportation Studies
10:05 - 10:30	<b>Hon. Michael L. Rama</b> Mayor, Cebu City
10:30 - 11:20	<b>Keynote Speech</b> <i>"Resilient and Inclusive Transportation Systems through Smarter Mobility"</i> Hon. Joseph Emilio A. Abaya Secretary Department of Transportation and Communications, Philippines
11:20 - 12:00	<b>Special Lecture</b> <i>"Impact of Competition in Building a Resilient and Inclusive Transportation System in the Face of ASEAN Integration"</i> Hon. Geronimo Sy Department of Justice, Philippines
12:00 - 12:10	<b>Cultural Presentation</b>
	Dr. Ma. Sheilah G. Napalang and Dr. Cresencio Montalbo, Jr. <b>Masters of Ceremonies</b>

Welcome Dinner	
<b>Date and Time:</b>	Friday, September 11, 18:00 - 21:00
<b>Venue:</b>	Santa Maria Ballroom, Radisson Blu Hotel, Cebu City
18:00 - 18:20	<b>Opening Presentation</b> Sinulog, CTU Dance Company
18:20 - 18:35	<b>Welcome Speech</b> <b>Dr. Rosein Ancheta</b> President, Cebu Technological University
18:35 - 18:50	<b>Opening Speech</b> <b>Dr. Cheng-Min Feng</b> President, Eastern Asia Society for Transportation Studies
18:50 - 19:15	<b>Inspirational Message</b> <b>Hon. Michael L. Rama</b> Mayor, Cebu City
19:15 - 20:45	<b>Dinner</b>
<b>Entertainment</b>	Songs, CTU Choir Cultural Dances, CTU Dance Company Songs, Solo and Duet
20:45 - 21:00	<b>Closing Remarks</b> <b>Dr. Reynaldo Ve</b> President, Transportation Science Society of the Philippines
	Dr. Doris O. Gascon <b>Master of Ceremonies</b>



## SOCIAL EVENTS

Closing Ceremony	
<b>Date and Time:</b>	Sunday, September 13, 16:00 - 18:00
<b>Venue:</b>	Santa Maria Ballroom, Radisson Blu Hotel, Cebu City
<b>Closing Speech</b>	<b>Hon. Mario G. Montejo</b> Secretary Department of Science and Technology, Philippines
<b>Conference Report</b>	<b>Mr. Reynaldo B. Ve</b> Chair, EASTS 2015 Conference Committee Vice President, EASTS
<b>Yasoshima Yoshi-no-suke Prize and Best Paper Awards</b>	<b>Mr. Cheng-Min Feng</b> President, EASTS <b>Mr. Akimasa Fujiwara</b> Chair, EASTS - ISC <b>Mr. Junyi Zhang</b> Chief of ATS & Awarding Committee, EASTS - ISC
<b>Outstanding Transportation Project Award</b>	<b>Awarding Ceremonies</b> Outstanding Transportation Project Award Sub-Committee
<b>Best EASTS Domestic Society Award</b>	Best EASTS Domestic Society Award Sub-Committee
<b>Outstanding Presentation Award</b>	Outstanding Presentation Award Sub-Committee
<b>Report of the Secretary- General</b>	<b>Mr. Tetsuo Yai</b> Secretary-General, EASTS
<b>Closing Remarks</b>	<b>Invitation from the Host of the 2017 Conference</b> <b>Mr. Cheng-Min Feng</b> President of EASTS Dr. Ma. Sheilah G. Napalang Dr. Cresencio Montalbo, Jr. <b>Masters of Ceremonies</b>

Farewell Dinner	
<b>Date and Time:</b>	Sunday, September 13, 18:00 - 21:00
<b>Venue:</b>	Business Lounge, Radisson Blu Hotel, Cebu City
<b>18:00 - 18:15</b>	<b>Gathering of Guests at Venue</b>
<b>18:15 - 18:30</b>	<b>Message of the Governor</b> <b>Hon. Hilario Davide, III</b> Governor, Province of Cebu
<b>18:30 - 19:30</b>	<b>Presentation from the Delegates</b>
<b>19:30 - 20:45</b>	<b>Dinner</b> Chorale Rendition Solo and Duet CTU Choir
<b>Entertainment</b>	<b>Closing Remarks</b> <b>Dr. Cheng Ming Feng</b> President, EASTS
<b>20:45 - 21:00</b>	Prof. Mhydah F. Kabingue <b>Master of Ceremonies</b>



## TECHNICAL TOURS

### Option 1: Tsuneishi Shipyard

**Date:** September 14, 2015

**Departure Time:** 7:00 AM

**Gathering Place:** Radisson Blu

**Fee:** None (60 Slots Only)

THICI is one of the leading medium sized shipbuilders in the world. Shipbuilding, ship repair and manufacturing of outfittings for ships and vessels constitute the main business of the company. THICI ships out medium sized vessels to different parts of the world from the town of Balamban, Cebu in the central Philippines. Being diverse and multi-affiliated, THICI also engages in the engineering and Fabrication Services.



### Option 2: Cebu - Mactan Airport

**Date:** September 14, 2015

**Departure Time:** 7:00 AM

**Gathering Place:** Radisson Blu



**Fee:** None (60 Slots Only)



The Mactan (Cebu) International Airport is located in Mactan Island, province of Cebu in Central Philippines and connected to Cebu City, the provincial capital 20 kilometers due southwest, through the Mactan-Mandaue bridge and Marcelo Fernan bridge. The airport is about 600 kilometers of the Ninoy Aquino (Manila) International Airport (NAIA) and serves as the southern hub of the air transportation system of the Philippines. Mactan (Cebu) International Airport is ideally located that travel time is only 3 to 4 hours to fourteen (14) cities in the Asia Pacific. It is vital international gateway to the country's economic prosperity.



*\*Interested participants may inquire at the Registration Desk.*



## RECREATIONAL TOURS

Option 1: Bohol Day Tour	
<b>Tour Description:</b>	Take a convenient one and half hour ride on a fast ferry to the island of Bohol and be amazed by the Chocolate Hills, a rolling terrain of 1,268 hills recognized as a Philippine Geographical Monument. Be amused by the tarsier, the smallest primate in the world found only in Bohol. Visit a manmade forest, home to rare and endangered flora and fauna. Stop by Baclayon Church, claimed to be the oldest stone Church in the country and to highlight your day, cruise the Loboc River with a sumptuous lunch served on board a floating raft.
<b>Inclusions:</b>	<ul style="list-style-type: none"> <li>□ Roundtrip Transfers: Resort/Hotel to Cebu City Pier,</li> <li>□ Roundtrip Ferry ticket to/from Bohol</li> <li>□ Air conditioned Transportation in Bohol</li> <li>□ Licensed Tour Guide</li> <li>□ LOBOC River cruise w/ LUNCH</li> <li>□ Applicable Entrance</li> <li>□ Terminal Fees (Cebu - Bohol)</li> </ul>
<b>Fees:</b>	<b>Sit in coach basis</b> (2-10 pax): P 4,500 <b>Exclusive</b> (2-3 pax): P 6,540; (4-7 pax): P5,772; (8 above): P5,280
	 




Option 2: Cebu and Mactan Island Tour	
<b>Tour Description:</b>	Discover Both Cebu City and Mactan Island Through this convenient combination tour.
<b>Inclusions:</b>	<ul style="list-style-type: none"> <li>□ Air-conditioned transportation</li> <li>□ Licensed Tour Guide</li> <li>□ 1 buffet lunch at the restaurant</li> <li>□ Applicable entrances</li> </ul>
<b>Fees:</b>	<b>Tour without lunch</b> (2-3 pax): P 3,720 (4-7 pax): P 2,964; (8 above): P 2,220 <b>Tour with lunch</b> (2-3 pax): P 4,176; (4-7 pax): P3,600; (8 above): P2,940
	 

\*To book for recreational tour please email inquiry at [easts2015tours@mapua.edu.ph](mailto:easts2015tours@mapua.edu.ph), or call +639988443701.

### Option 3: Cebu City Panoramic Tour


<b>Tour Description:</b>	Experience the sunset at one of the most scenic mountains of Cebu City viewing the modernly lighted high rise buildings and busy uptown streets known as the TOPS.  Take a breath-taking glimpse driving through a mountainside highway exhibiting the enormous beauty enhanced by its colourful Celestial Flower garden.
<b>Inclusions:</b>	<ul style="list-style-type: none"> <li>□ Use of air-conditioned transfer per itinerary above</li> <li>□ Licensed Tour Guide</li> <li>□ Dinner at restaurant</li> <li>□ Applicable entrances</li> </ul>
<b>Fees:</b>	<b>Sit in coach basis</b> (2-10 pax): P 4,500 <b>Exclusive</b> (2-3 pax): P 6,540; (4-7 pax): P5,772; (8 above): P5,280
	 

### Option 4: Cebu City Tour

<b>Tour Description:</b>	Trace the steps of the conquistadors with visit to significant, historical and cultural landmarks in Cebu City like Magellan's Cross, Fort San Pedro, Yap San Diego Ancestral House, and Basilica Minore del Sto. Nino and Taoist Temple in Beverly Hills Subdivision and for your shopping pleasure, visit a showcase of Handicrafts from all over the country and a well-established shopping mall where you can find high quality and reasonable priced goods.
<b>Inclusions:</b>	<ul style="list-style-type: none"> <li>□ Air-conditioned transfer per itinerary above</li> <li>□ Professional tour guide for the tour</li> <li>□ 01 buffet lunch at the restaurant</li> <li>□ Applicable entrances</li> </ul>
<b>Fees:</b>	<b>Tour Only</b> (2-3 pax): P 2,976; (4-7 pax): P 2,400; (8 above): P 1,800 <b>Tour w/ lunch</b> (2-3 pax): P 3,702; (4-7 pax): P 2,820; (8 above): P 2,460
	  

\*To book for recreational tour please email inquiry at [easts2015tours@mapua.edu.ph](mailto:easts2015tours@mapua.edu.ph), or call +639988443701.



Option 5: Island Hopping Tour	
<b>Tour Description:</b>	Take the sun the fun at its best! Get all excited in a ride on an outrigger canoe-the “banca”. Snorkel in a marine sanctuary, swim and explore the sea, above or underwater. Have a picnic lunch on the island before dozing off on the white sandy beach. A longtime favorite!
<b>Inclusions:</b>	<ul style="list-style-type: none"> <li>▫ Round-trip transfers: Hotel to Wharf</li> <li>▫ Motorized outrigger boat</li> <li>▫ Professional Tour Guide</li> <li>▫ Barbeque lunch at the Island</li> <li>▫ 1 Snorkel set &amp; Life Jacket</li> <li>▫ Applicable entrances</li> </ul>
<b>Fees:</b>	<b>Tour w/ Lunch</b> (2-3 pax) P 6,240; (4-7 pax) P 5,520; (8 above) P 4,680
	

Option 6: Kawasan Falls Tour	
<b>Tour Description:</b>	A cozy trek... A peaceful river... A gentle hush of rushing ice cool water. All this and more in Badian's Kawasan Falls! Kawasan Falls is a popular Get-away destination in the southern part of Cebu. With its lush tropical trees and plants. Everywhere, peaceful flow of the river as it gracefully rushes to the distant sea, the sound of the waterfalls on the background, you will surely enjoy the cool and deep fresh water and everything around just seems so relaxed, simple and very serene. Just nature as it should be.
<b>Inclusions:</b>	<ul style="list-style-type: none"> <li>▫ Air-conditioned vehicle</li> <li>▫ License Tour Guide</li> <li>▫ Lunch with 1 round of drinks</li> <li>▫ 1 bottle of mineral water during the tour</li> <li>▫ Applicable Entrances, Bamboo Floating raft</li> <li>▫ Life vest</li> <li>▫ Cottage</li> </ul>
<b>Fees:</b>	<b>Tour w/ Lunch</b> (2-3 pax) P 6,240; (4-7 pax) P 5,700; (8 above) P 4,200
	

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### Option 7: Oslob Whale Shark Tour

<b>Tour Description:</b>	Be captivated as you watch friendly creatures of the sea. Take Pleasure in watching & swimming with this gentle whale sharks; a once in a lifetime experience.
<b>Inclusions:</b>	<ul style="list-style-type: none"> <li>▫ Use of air-conditioned transfers</li> <li>▫ Professional Tour Guide</li> <li>▫ Lunch</li> <li>▫ Life Jacket</li> <li>▫ Snorkel set</li> <li>▫ Local boat</li> <li>▫ Applicable entrances</li> </ul>
<b>Fees:</b>	<b>Tour w/ Lunch</b> (2-3 pax) P 6,600; (4-7 pax) P 5,160; (8 above) P 3,900



### Option 8: South Countryside Tour

<b>Tour Description:</b>	Have a leisurely drive through picturesque rural roads outskirts of Cebu City and be refreshed with the pastoral scenery on the way. Soak up in Philippine culture with visits to centuries old churches and colorful markets; most significant is the church of CARCAR dedicated to St. Catherine of Alexandria; and the Theotokos Shrine (Mother of God). Final stop is Carcar town, alive in a blend of Spanish Architecture seen in ancestral homes and local artistry in crafts like shoe making, basket weaving and delicacy cooking. Experience the true & genuine rural life with a water buffalo "carabao" ride, a tricycle ride, a drink of fresh coconut wine and basket weaving.
<b>Inclusions:</b>	<ul style="list-style-type: none"> <li>▫ Air-conditioned vehicle</li> <li>▫ Professional tour guide</li> <li>▫ Lunch at the restaurant</li> <li>▫ 01 bottle of mineral water</li> <li>▫ Applicable Entrances</li> </ul>
<b>Fees:</b>	<b>Tour only</b> (2-3 pax) P 4,740; (4-7 pax) P 4,260; (8 above) P 3,900



\*To book for recreational tour please email inquiry at [easts2015tours@mapua.edu.ph](mailto:easts2015tours@mapua.edu.ph), or call +639988443701.



## EXHIBITORS

Exhibition			
Exhibition Hours:	September 11 - 12, 09:00 - 17:00 September 13, 09:00 - 13:00		
Venue:	Santa Maria Pre-Function Area		
Company Name			
	J.F. Cancio and Associates		Geobrugg
	INRO		Infrasys
	Siccion Marketing		Malayan Insurance
	SMART Communications		BEMAC

## GENERAL INFORMATION

### Conference Language

All presentations will be delivered in English.

### Badges / ID Cards

All participants (delegates, accompanying persons, exhibitors, speakers, and VIPs) are requested to wear their badges during all conference event. Only registered participants are allowed to participate the conference sessions.

### Registration Desk

The registration desk is located at Niña Lobby. Registration desk is open on the following dates: Sept. 10, 13:00 - 18:00; Sept. 11, 09:00 - 20:00; Sept. 12, 09:00 - 17:00; Sept. 13 09:00 - 13:00. After registration, the participant will receive their kit which includes their conference badge, souvenir program, and other conference materials.

### Presentation Station

Presentation Station is located at Second Floor RM. Computers in the presentation station and the meeting rooms are installed with Windows and Microsoft Office. The presentation station is open for the whole duration of the conference.

### Program Changes

The conference committee cannot assume liability for any sudden changes in the program due to unforeseen circumstances. The committee reserves the right to alter the program if deemed necessary.

### Useful Telephone Information (Cebu City)

Rescue Hotline: 117

ERUF Service: 161

Cebu City Police Department: 166

Cebu City Fire Department: 160

Philippine Red Cross: 143

## Guidance for Travel between the Airport, Venue, and Hotels

### Airport to Hotels

<b>Yellow Airport Taxi</b>	<p>Accredited by Department of Tourism (DOT), and the airport</p> <ul style="list-style-type: none"> <li>□ Drivers issue Official Receipt</li> <li>□ May be availed via booth or agents in yellow shirt but better to just go straight to the queued yellow taxis (to the left after exiting arrival area)</li> <li>□ Rates: 70.00 PHP flag down rate (first 500 meters) plus 4.00 PHP per succeeding 300meters</li> <li>□ Typical rate from Mactan Airport to hotels in the Ayala Center area (Marriott Hotel, Mandarin, Hotel Elizabeth, Quest Hotel, Cebu Parklane, Tune Hotel, etc.) is 275.00 PHP depending on actual route and traffic conditions</li> <li>□ Typical rate from Mactan Airport to the Radisson Blu Hotel and other hotels near the venue (Bayfront Hotel, Sugbutel, Express Inn, etc.) is 200.00 PHP depending on actual route and traffic conditions</li> </ul>
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<b>White Public Taxi</b>	<ul style="list-style-type: none"> <li>□ Drivers do not issue Official Receipt. Instead they issue a tape receipt or none depending on the taxi.</li> <li>□ May be availed via availed by going to White Taxi Stand (to the right after exiting arrival area) where there are dispatch operators in green shirts</li> <li>□ Passenger queues are generally long but the line is quick to progress</li> <li>□ Rates: 40.00 PHP flag down rate (first 500 meters) plus 3.50 PHP per succeeding 300meters</li> <li>□ Typical rate from Mactan Airport to hotels in the Ayala Center area (Marriott Hotel, Mandarin Plaza, Hotel Elizabeth, Quest Hotel, Cebu Parklane, Tune Hotel, etc.) is 230.00 PHP depending on actual route and traffic conditions</li> <li>□ Typical rate from Mactan Airport to the Radisson Blu Hotel and other hotels near the venue (Bayfront Hotel, Sugbutel, Express Inn, etc.) is 190.00 PHP depending on actual route and traffic conditions</li> </ul>
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*Tipping is common and the typical amount varies according to distance. You may opt not to tip for yellow taxis but white taxi drivers usually expect tips. 20.00 PHP is enough between the airport and your hotel. 50.00 PHP is already generous.*

### Hotels to Venue

<b>Hotels in the Ayala Center area</b>	Typical white taxi rate ranges from 70.00 to 80.00 PHP depending on the specific hotel in the area. You may get assistance from the hotel in getting a taxi.
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<b>Hotels near the venue</b>	Typical white taxi rate ranges from 40.00 to 50.00 PHP depending on the specific hotel in the area. However, hotels like Bayfront Hotel are just walking distance (5 minutes) from Radisson.
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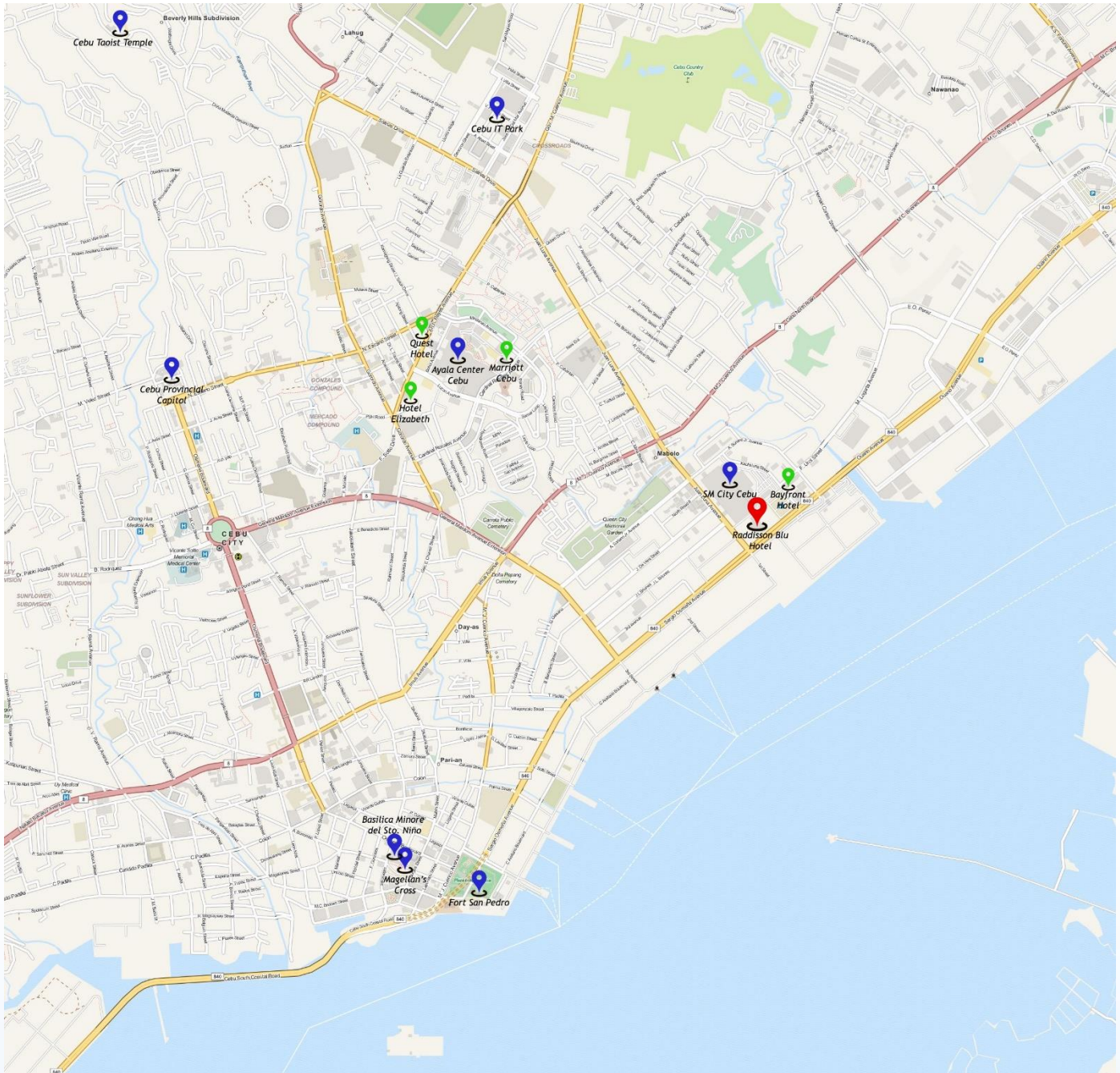
*Grab Taxi and Easy Taxi are available in Cebu City*

### Other Modes of Transportation

Participants visiting other parts of Cebu City can make use of Jeepneys. The base fare of Jeepneys in Cebu City is P 8.00. Participants who would like to ride the Jeepneys may inquire at the Registration Desk.



## CEBU CITY DOWNTOWN MAP



## CONFERENCE SPONSORS

### Platinum Sponsors



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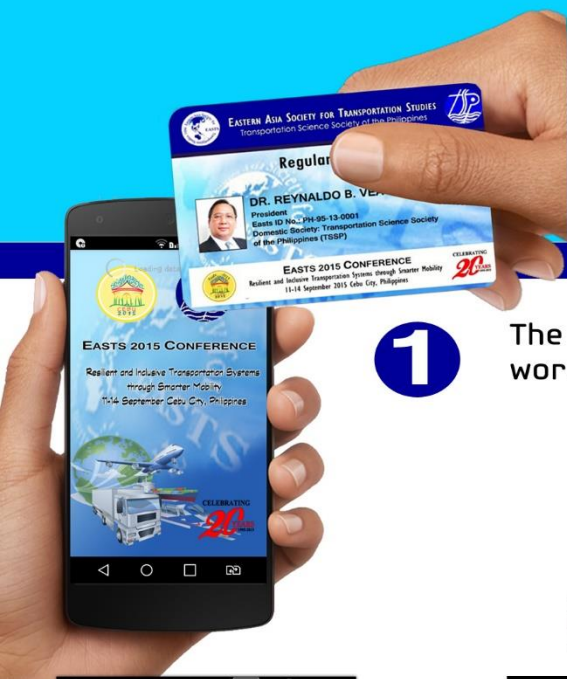
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# EASTS 2015 RFID CONFERENCE ID



**1**

The EASTS 2015 ID must be worn at all times

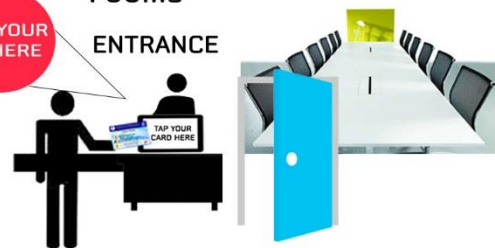


**2**

Access to the conference area & technical session rooms

TAP YOUR ID HERE

ENTRANCE



**3**

Meals & Snacks



**4**

Welcome dinner & farewell dinner



## ONLINE REGISTRATION THROUGH EASTS 2015 WEBSITE

**1**

Go to [www.easts2015.com](http://www.easts2015.com)

**2**

Go to "Announcements"

**3**

Click on "register now online for your 20 Year Celebration EASTS 2015 Conference ID..."

**4**

Click <http://www.dynamicglobalsoft.com/easts2015/>

**5**

Input needed information

**6**

Upload photo

**7**

Then click "register"

**8**

Confirmation message shall be sent to your email account



Celebrating **20**th Year ANNIVERSARY 1995-2015

[WWW.EASTS2015.COM](http://WWW.EASTS2015.COM)



# EASTS2015 CEBU APP

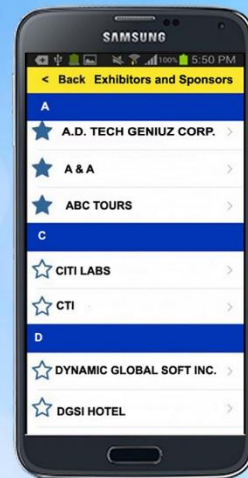
Download now @



## Participants Application

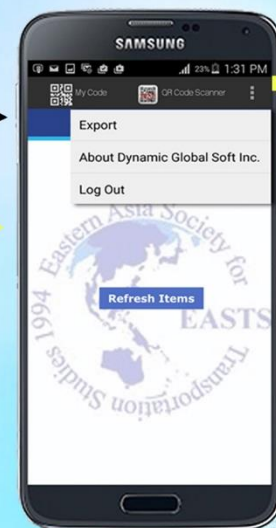
"We are proud to introduce to you the advance RFID Conference ID technology combined with an EASTS 2015 Mobile Application for our Cebu Conference. This is part of our various initiatives for our 20 year celebration that shall make our event more memorable."

**Dr. Francis Aldrine A. Uy**  
Secretary General  
EASTS 2015 Conference Committee



## Visitor's Application

- Registration of Members  
- Firstname, Lastname, Contact No., Email Address, Company
- Unique QR Code for each member
- Exhibitors/Sponsors details will be available upon sign up for sponsorship
- Exhibitor Information  
- Company Name, Description, Email Address, etc.,

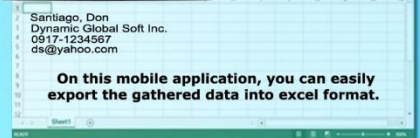


## Exhibitor's Application (QR Code Reader Only)

- This reader will read the QR code of each visitor in their downloaded EASTS visitor app

- Firstname, Lastname, Contact No., Email Address

**Capture the ff info:**  
Name  
Company  
Contact Number  
Email Address



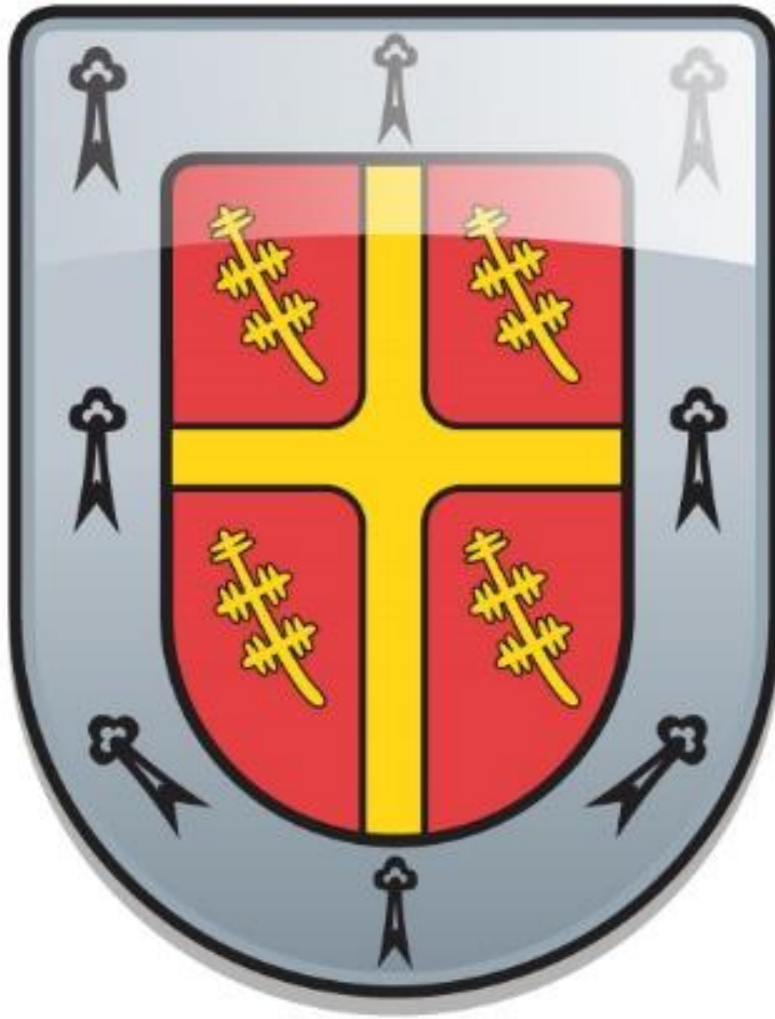
**FOR INQUIRIES CALL**  
(+63) 928 524 8720 or email us at [dgsantiago@yahoo.com](mailto:dgsantiago@yahoo.com)



**REPUBLIC OF THE PHILIPPINES**  
**DEPARTMENT OF JUSTICE**  
**KAGAWARAN NG KATARUNGAN**



# RAFI



# RAMON ABOITIZ FOUNDATION INC



## Philippine Council for Industry, Energy and Emerging Technology Research and Development (PCIEERD)

Department of Science and Technology (DOST)

The PCIEERD is one of the three sectoral planning councils of the Department of Science and Technology (DOST). It is mandated to serve as the central agency in the formulation of policies, plans and programs as well as in the implementation of strategies in the industry, energy and emerging technology sectors.

### Strategic Thrusts and Programs

**Policy Development and Advocacy**

**Support for Research and Development**

**Human Resource  
and Institution Development**

**S&T Information Dissemination  
and Promotion**

**Support for Technology Transfer and  
Commercialization**

### Priority Areas



Electronics  
& Semiconductor



Food Processing



Metals  
and Engineering



Mining  
and Minerals



Alternative  
Energy  
and Energy  
Efficiency



Transportation



Biotechnology/  
Genomics



Information  
& Communication  
Technology



Materials  
Science/  
Nanotechnology



Photonics



Space Technology  
Applications



Special Concerns  
(Climate Change  
Adaptation and  
Mitigation,  
Disaster Risk  
Reduction and  
Management,  
and  
Environmental  
Issues)

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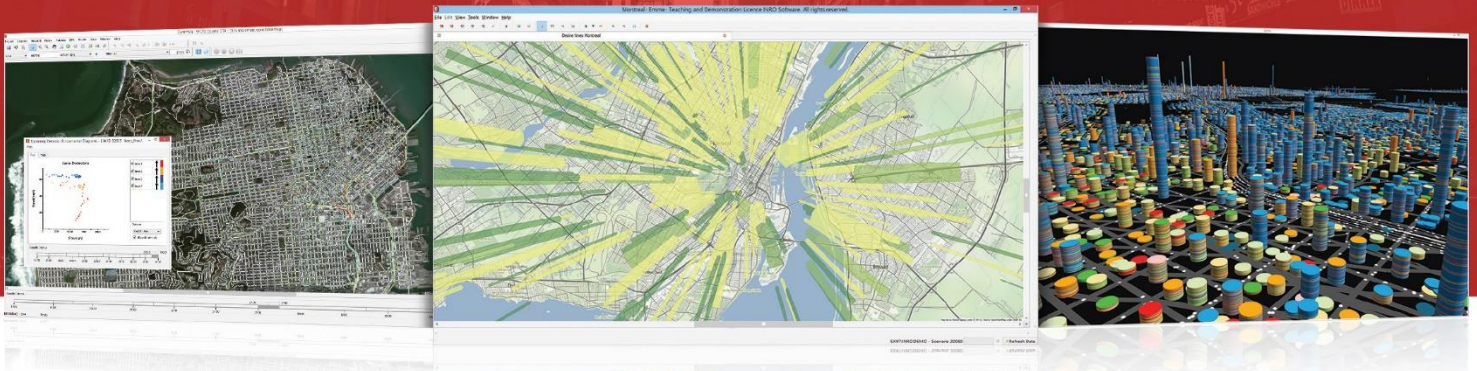


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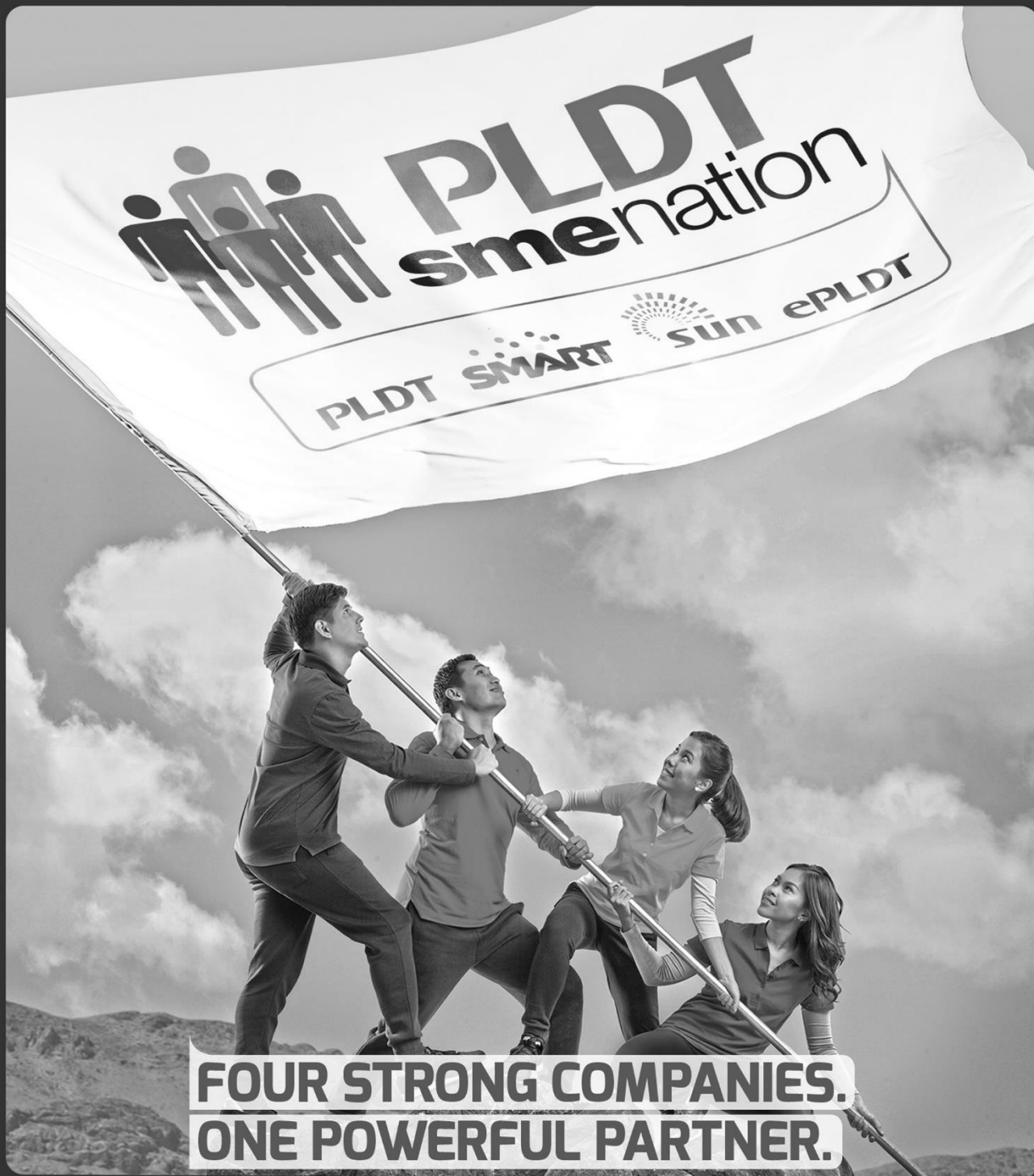


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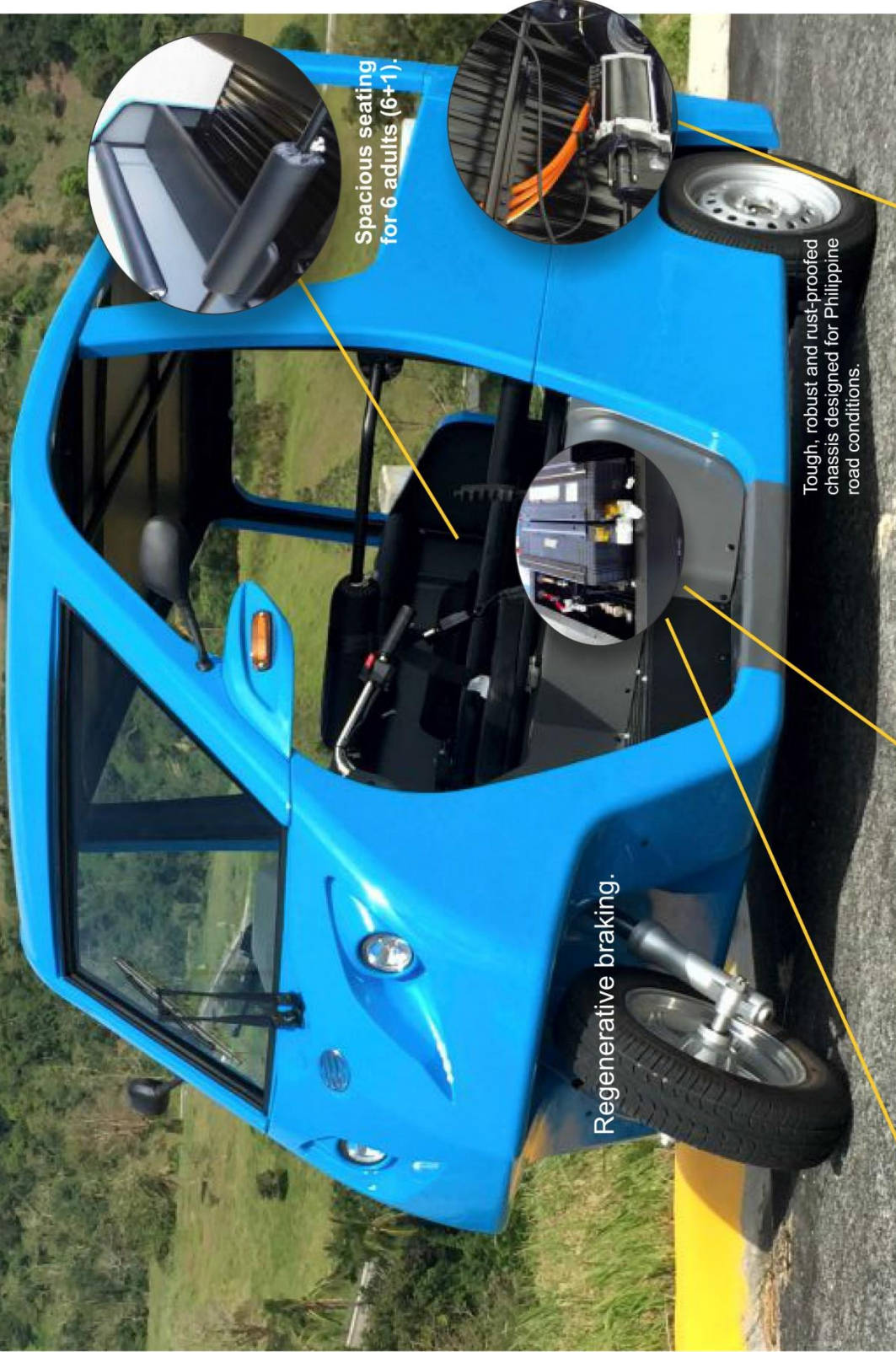
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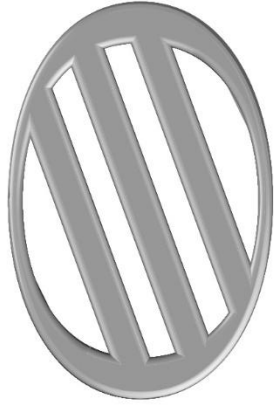
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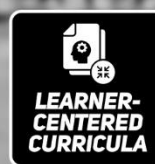
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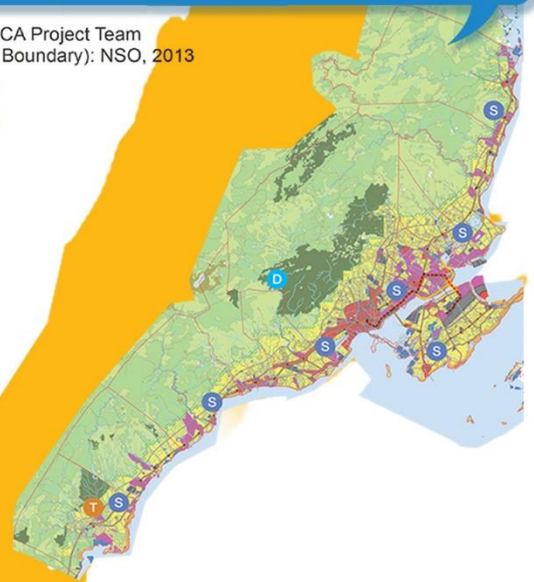
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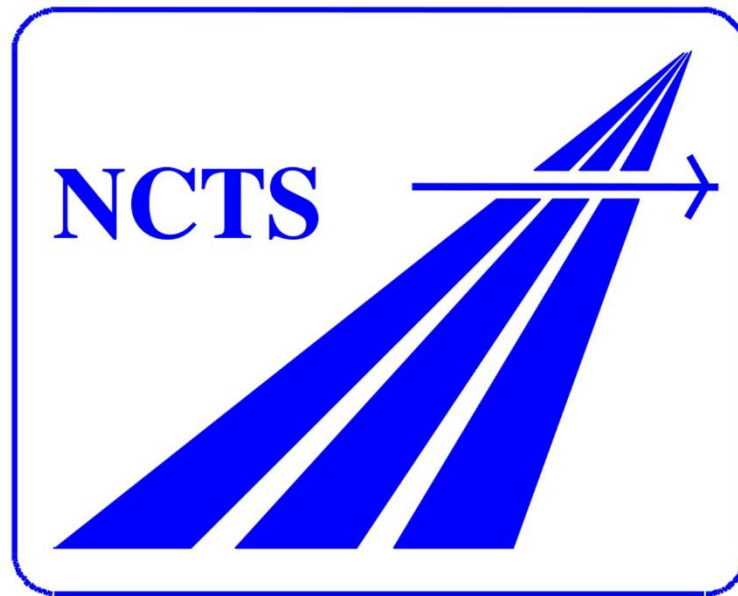
Source: Prepared by JICA Project Team  
Source (Administrative Boundary): NSO, 2013



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| 3. Traffic Management for Traffic Law Enforcers (Level 1)  | April 20-24, 2015       |
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| 5. Traffic Management for Traffic Law Enforcers (Level 1) for Clark Development Corporation Employees                | July 16- August 7, 2015 |
| 6. Traffic Administrative Course   | August 10-14, 2015      |
| 7. Traffic Impact Assessment for Technical Evaluators  | September 22-24, 2015   |
| 8. Traffic Management for Traffic Law Enforcers (Level 2)  | October 26-30, 2015     |
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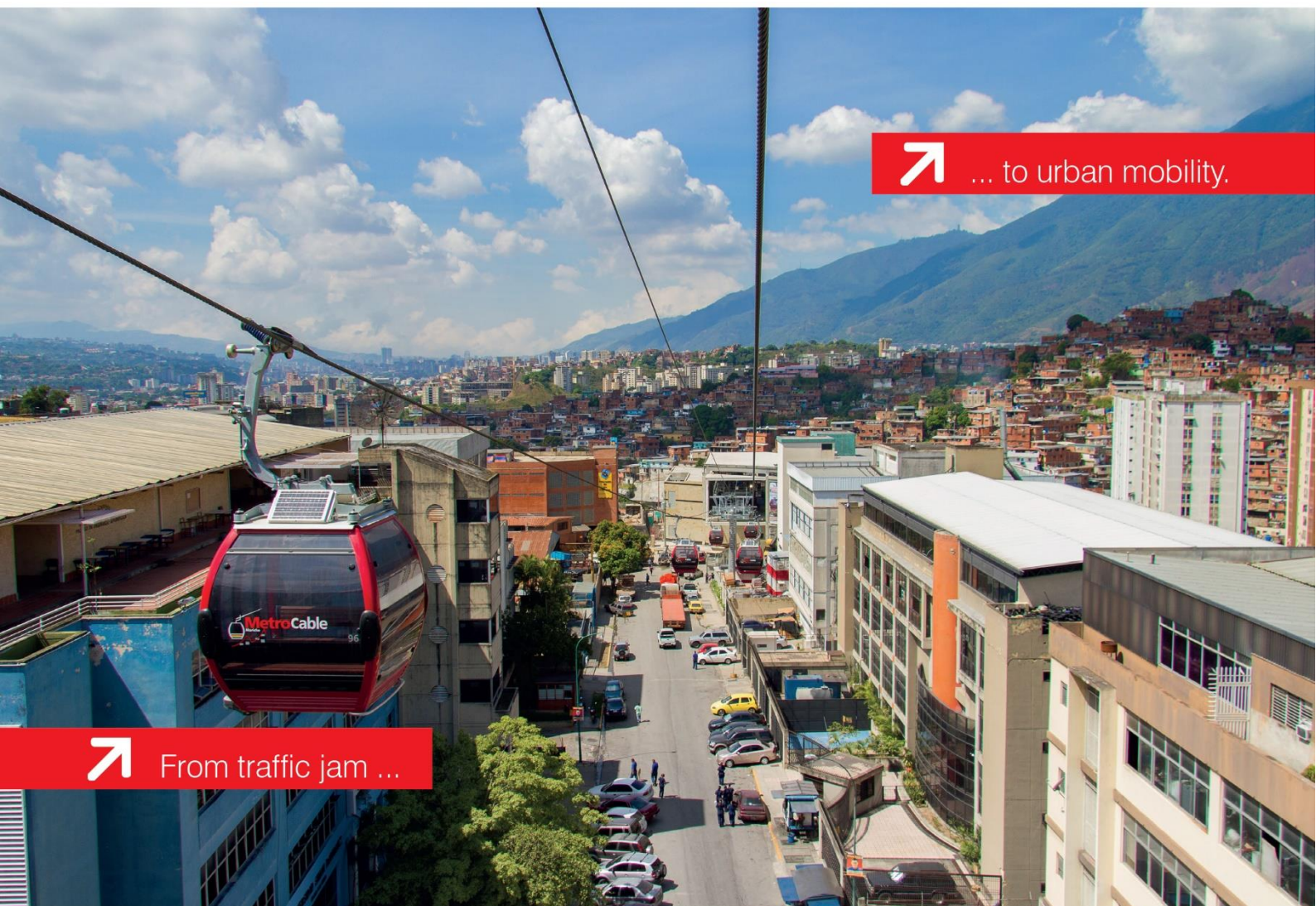
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## **When to submit:**

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Submit ten (10) complete sets of entries to the:  
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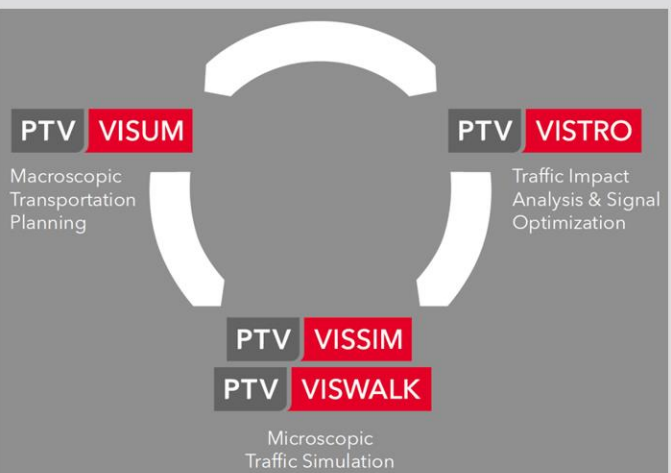
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