

Eastern Asia Society for Transportation Studies (EASTS)

- 20 Years of EASTS (1994-2014) -

Objectives of the EASTS

- 1. To share the experiences in Eastern Asia
- 2. To provide the incentives for young experts
- 3. Cooperation between different disciplines; academicians and practitioners



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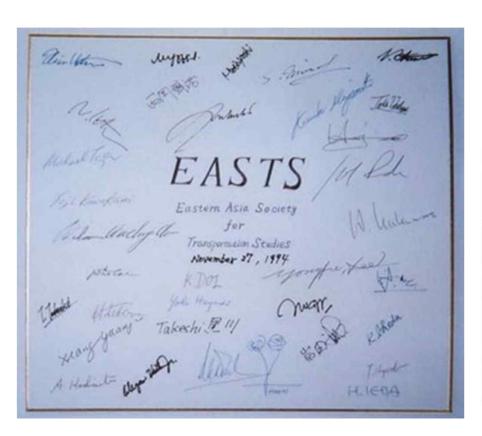
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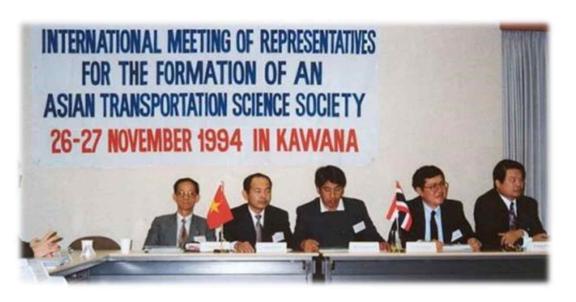
Former Presidents

2007-2011	Kyung Soo Chon (Korea)
2003-2007	Shigeru Morichi (Japan)
1997-2003	Primitivo C. Cal (Philippines)
1994-1997	Hideo Nakamura (Japan)

Foundation Meeting in Kawana, 1994

EASTS was founded in November 1994 as a result of the meeting in Kawana (Japan) among the transport experts coming from 13 countries/regions in eastern Asia.

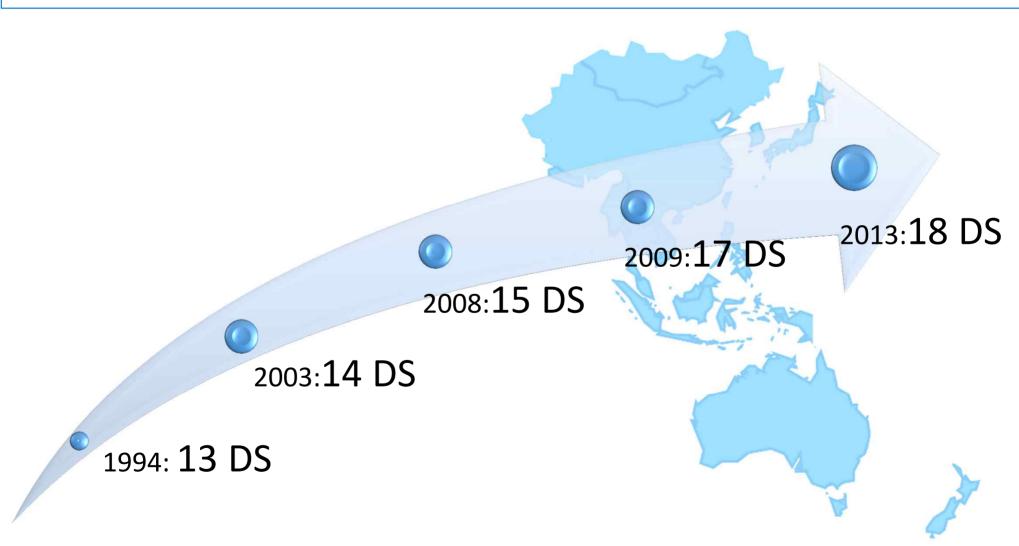






Increasing Domestic Society (DS) of EASTS

After the foundation in 1994, the number of Member Domestic Society (DS) continues to grow.



Recent New Entries

2008: MONGOLIA

Mongolian Transport Research Society

2009: CAMBODIA

Cambodia Society for Transportation Studies

2009: MYANMAR

Committee on Myanmar Transportation Studies

2013: NEPAL

Society of Transport Engineers, Nepal (SOTEN)

* Some more countries are now interested in joining EASTS



Current 18 Domestic Societies of EASTS

AUSTRALIA

National Committee on Transport Engineering

CAMBODIA

Cambodia Society for Transportation Studies

CHINA

Society for Transportation and Logistics Studies, CCTA

HONG KONG

Hong Kong Society for Transportation Studies

INDONESIA

Indonesia Transportation Society

JAPAN

EASTS-Japan

KOREA

Korean Society of Transportation

LAO PDR

Lao-EASTS

MALAYSIA

Transportation Science Society of Malaysia

MONGOLIA

Mongolian Transport Research Society

MYANMAR

Committee on Myanmar Transportation Studies

NEPAL

Society of Transport Engineers, Nepal

NEW ZEALAND

EASTS New Zealand

PHILIPPINES

Transportation Science Society of the Philippines

SINGAPORE

Centre for Transportation Research/ Institute of Engineers Singapore

TAIWAN

Chinese Institute of Transportation

THAILAND

Thai Society for Transportation and Traffic Studies

VIETNAM

Transportation Studies Society of Vietnam

Support for establishing/activating Domestic Society

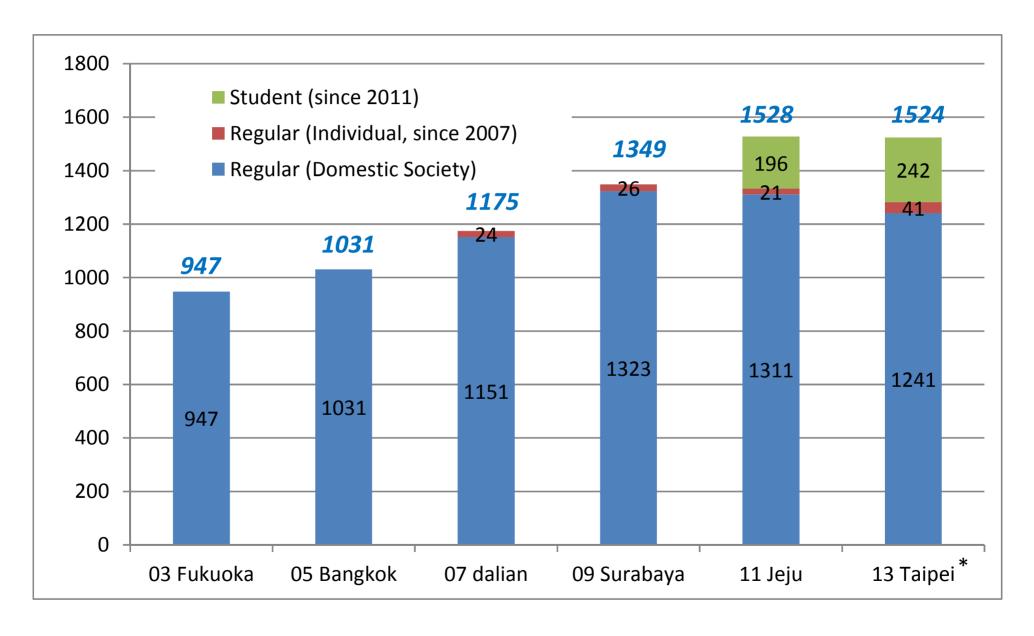
✓ Join of EASTS staffs and members to the start-up and annual symposium/conference of new DS (e.g. Mongolia, Nepal).

✓ Board meetings of EASTS along with the domestic events in

each DS (e.g. Indonesia, Malaysia).



Increase of EASTS Regular Members



Membership by Domestic Societies

*Individual Members: Members from outside EASTS-countries:

Bangladesh, Ethiopia, India, Iran, Pakistan, SriLanka, SouthAfrica, UAE, UK, USA (2013)

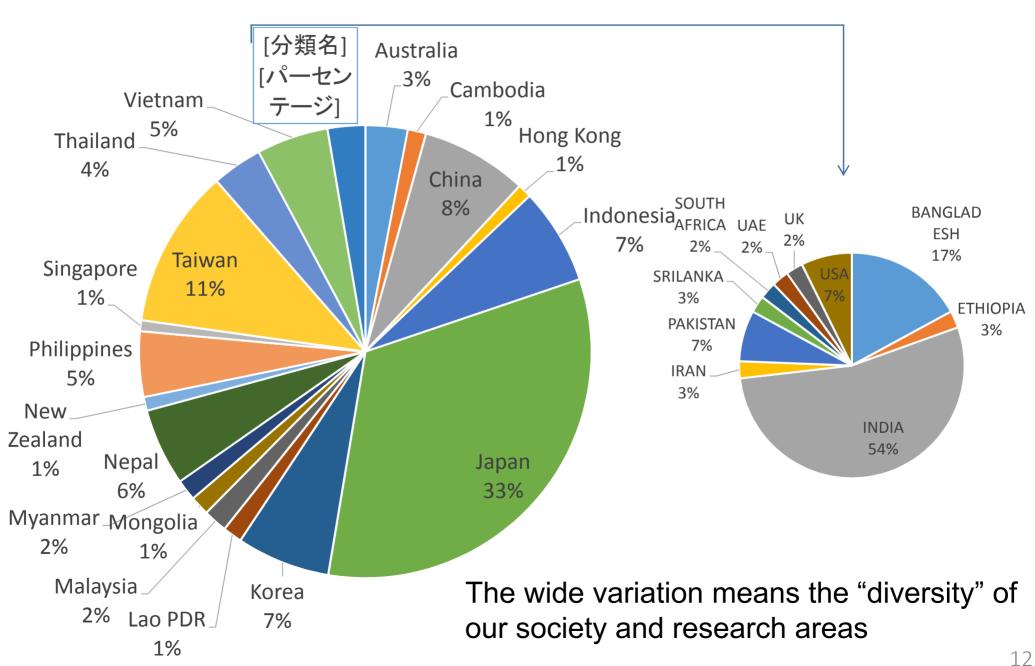
EASTS Regular Member List (As of Sep. 2013)

	# of Members			
Country/Region	Regular	Student	Total	
Australia	42	4	46	
Cambodia	14	6	20	
China	104	12	116	
Hong Kong	10	5	15	
Indonesia	104	1	105	
Japan	396	104	500	
Korea	78	24	102	
Lao PDR	21	0	21	
Malaysia	16	10	26	
Mongolia	21	0	21	
Myanmar	23	0	23	
Nepal	-	-	-	
New Zealand	15	0	15	
Philippines	55	16	71	
Singapore	10	2	12	
Taiwan	153	20	173	
Thailand	47	8	55	
Vietnam	68	10	78	
Individual Members*	45		45	
Total	1,222	222	1,444	

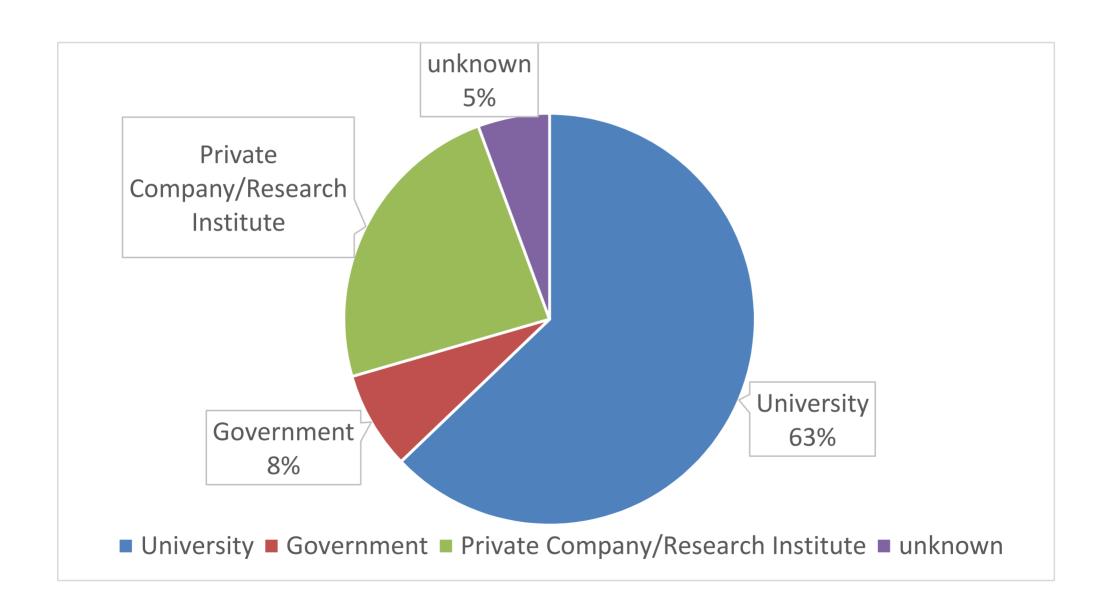
Individual Members (outside EASTS countries/regions)

Country/Region	Number of Existing Member (as of 2013)
BANGLADESH	7
ETHIOPIA	1
INDIA	22
IRAN	1
PAKISTAN	3
SRILANKA	1
SOUTH AFRICA	1
UAE	1
UK	1
USA	3
TOTAL	41

Wide Variety of the Regular Members over Countries/Regions



Members' Affiliation in Total (2011)



EASTS Activities

- ✓ International Conference (once a two years)
- ✓ Journal Publication
- ✓ Awarding
- ✓ International Collaborative Research
 - International Research Ground (IRG)
 - Special Research Group
- ✓ Financial Support for the Members and Research Activities

International Conference

- Once a two year (usually in Autumn)
- 10 conferences have been held since 1995 in several member countries.
- 4 days conferences including;
 Technical paper presentation, Keynote lecture, Panel discussion, Technical tour, Exhibition, etc
- Full paper submission (Academic/Practical Paper) and peer review before the conference -> Journal/Proceedings publication

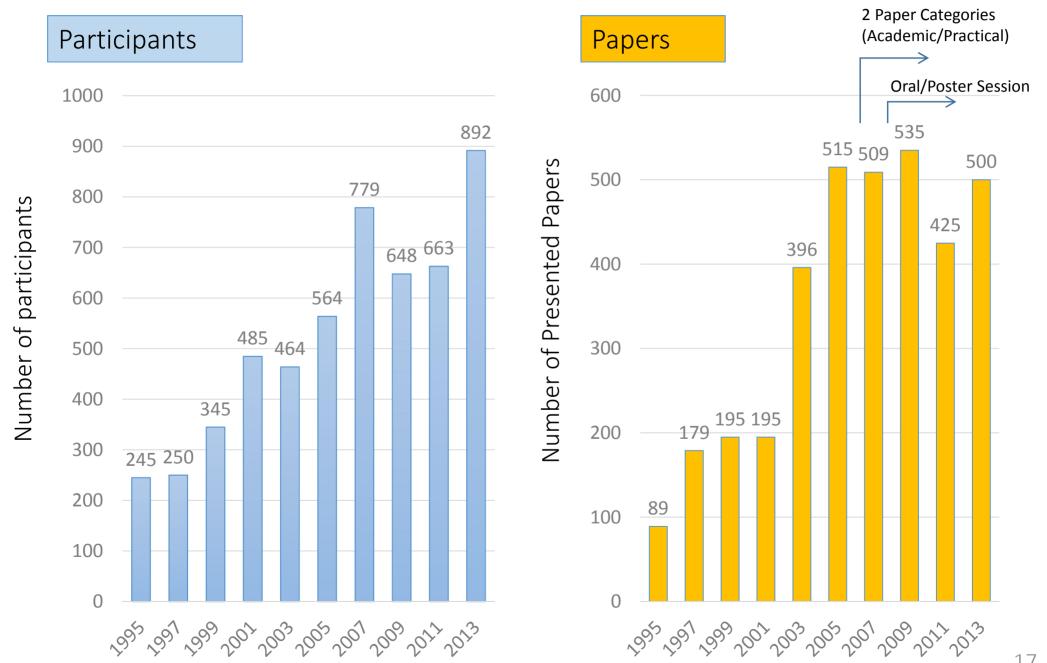




Past Conferences and Theme

	Venue	Date	Conference Theme
11 th	Cebu, Philippines	11-14 Sep., 2015	Resilient and Inclusive Transportation
		, , ,	Systems through Smarter Mobility
10 th	Taipei, Taiwan	9-12 Sep., 2013	Towards a Harmonized Transportation
10	raipei, iaiwaii	J 12 3cp., 2013	Society
9 th	Jeju, Korea	20-23 Jun., 2011	Green Growth and Transport
8 th		16 10 Nov. 2000	Enhancing Transportation Infrastructure and
8"	Surabaya, Indonesia	16-19 Nov., 2009	Services in Rapid Regional Growth
7 th	Dalian China	24.27.6 2007	Towards Integrated Transportation for
/	Dalian, China	24-27 Sep.,2007	Rising Asia
6 th	Danakak Thailand	21-24, Sep., 2005	Gearing Up for Sustainable Transportation
0	Bangkok, Thailand		in Eastern Asia
5 th	Fulsualsa Janan	20 Oct 1 Nov. 2002	Connecting Eastern Asia through Better
5"'	Fukuoka, Japan	29 Oct – 1 Nov., 2003	Transportation
4 th	Hanoi Viotnam	24-27, Oct., 2001	Transport for Equity, Economy, Mobility, and
4**	Hanoi, Vietnam		Sustainability
3 rd	Taipei, Taiwan	15-17, Sep., 1999	Sustainable Transport for the 21st Century
2 nd	Seoul, Korea	29-31, Oct., 1997	-
1 st	Manila, Philippines	28-30, Sep., 1995	-

Increase of Participants and Papers in the Conferences



Example of Session Topics (Taipei 2013)

✓ IRG Special Sessions (7 IRGs)

- Transport in Climate Change Adaptation
- Alternative Fuel
- Intercity Transport in Asia
- Logistics in Asia
- Sustainable Neighborhood Transport
- Pedestrian-centric Philosophy

✓ Disaster

- Evacuation
- Road Network Disaster

✓ Safety

- Countermeasure for Traffic Accident in Asia
- Risk Analysis on Traffic Accident
- ITS
- Developing Safe and Green Urban Corridors in Asian Cities

✓ Public Transport

- Bus Rapid Transit (BRT)
- Para-Transit

✓ Two-Wheels

- Motorcycle
- Bicycle

✓ Logistics

- Logistics and Freight Transportation Policy
- Urban Logistics
- Operation and Management in Logistics Business

✓ Land Use Policy

✓ Project Financing

et

Session Topics –Trend (1995-1999-2003-2013)



2013 (Taipei Conference)67 Topics

2003 (Fukuoka Conference)50 Topics

1999 (Taipei Conference)25 Topics

1995 (Manila Conference)16 Topics



Keynote Lecture in the Conferences

<u>Seoul, 1997</u>	Historical Development and Future Direction of East Asian Ports (by Dr. Hideo Nakamura)	
<u>Taipei, 1999</u>	Computer-Aided Diagnosis and Prescription System for Traffic-Related Environment in Metropolises of Developing Countries (by Dr. Hideo Nakamura)	
<u>Hanoi, 2001</u>	Urban Transportation Planning in Eastern Asia: Suggested Areas for Improvement (by Dr. Primitivo C. Cal)	
<u>Fukuoka,2003.</u>	Transportation in the New Global Era: Linking Asia Through Better Transportation (by Dr. Suyono Dikun)	
Bangkok,2005	Long-Term Strategy for Transport System in Asian Megacities (by Dr. Shigeru Morichi)	
Dalian,2007	Are Transportation Studies a Scientific Endeavor? (by Dr. Kumares C. Sinha)	
Surabaya,2009	Transport Strategies for Green Growth in the East Asian Region (by Professor Kyung Soo CHON)	
Jeju, 2011	Green Growth & New Normal in Transport (by Dr. Hwang Kee Yeon)	
	The Asian Road Safety Challenge: How Many Lives Can We Save in the Decade? (by Prof. Pichai Taneerananon)	
Taipei, 2013	"Challenges and Suggestions to Transportation Professionals in Asia" by Prof. Gang-Len	
	"Highway Safety, Social Equity and Environmental Sustainability: The Conflicting Objectives" by Prof. Fred MANNERING	
	"Public Transportation Development in Taiwan" by Dr. Chi-Kuo MAO 20	

Panel Discussion in the Conferences

<u>Manila, 1995.</u>	"Financing of Transportation Infrastructure"		
	"Current Trends in Urban Transportation Systems"		
<u>Seoul, 1997.</u>	"A Comparison of Taxes and/or Charges on Automobiles and/or Traffic in Eastern Asia Countries"		
	"Public Transit in Major Cities in Eastern Asia"		
<u>Taipei, 1999.</u>	"Private Participation in Transport Infrastructure Development"		
	"Sustainable Development and Transportation Solution in Eastern Asia"		
<u>Hanoi, 2001.</u>	"Transport Safety: Existing Problems in Eastern Asia and Solutions"		
	"Reducing Air Pollution in Metropolitan Areas"		
<u>Fukuoka, 2003</u>	"The Future of High-speed Rail Project in Asia"		
<u>Bangkok, 2005</u>	"Affordable ITS in East Asia"		
	"Sustainable Transportation - Toward Invulnerable System Against Disaster"		
<u>Dalian,2007</u>	"Asian Integration and Transport . what should we do?"		
Surabaya, 2009	"Catastrophic Natural Disaster and Transportation""		
<u>Taipei, 2013</u>	"User-oriented Transportation Services for a Livable City"		
	"The Way Forward of EASTS: Increasing the journal quality"		



1st Conference in Manila, 1995



3rd Conference in Taipei, 1999



2nd Conference in Seoul 1997



4th Conference in Hanoi, 2001



5th Conference in Fukuoka, 2003







8th Conference in Surabaya, 2009



10th Conference in Taipei, 2013

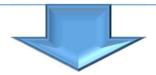




Journal Publication (EASTS Journal/ATS)

Selected reviewed papers are published in the Journals

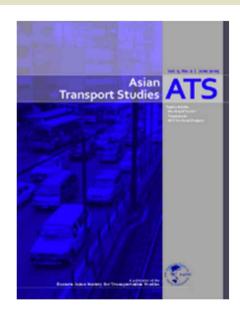
- Asian Transport Studies (ATS): Total 84 Papers Vol.1 (2010-11), Vol.2(2012-13), Vol.3(2014-15)
- Journal of EASTS :Total 1843 Papers Vol.1 (1995) - Vol.10 (2013)
- Proceedings of EASTS: Total 2256 Papers Vol.1 (1997) ~ Vol.9 (2013)

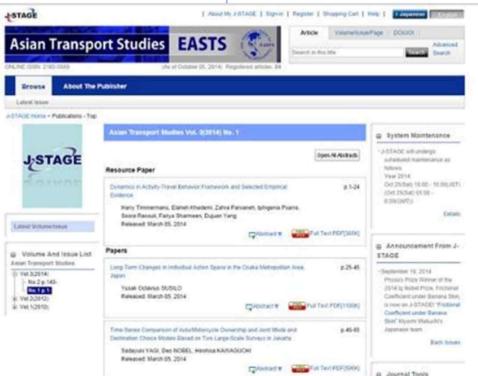


ONLINE JOURNAL:

The ATS, journal and proceedings can be freely accessed on the website

http://www.easts.info/publications/publications.html





Awarding

Excellent Paper Award

Yasoshima Prize: 1 paper, Best Paper Award: 8 papers

Best Paper Awards for

- a) Enlightening Asia-specific topics
- b) Discovering interesting facts
- c) Technological innovation
- d) Institutional innovation
- e) Theoretical development
- f) Methodological development
- g) Best application in practices
- h) Difficult research accumulations_

Yasoshima Yoshi-No-Suke PRIZE 27

Outstanding Presentation Award for Young Researchers

Awarding

Best Domestic Society Award

2013: Transport Studies Society of Vietnam (TSSV)

2011: EASTS-Japan

2009: Transportation Science Society of Malaysia

2007: Indonesian Transportation Society,

2005: Korean Society of Transportation

Outstanding Transportation Project Award

2013: - Fun Travel in Taipei - An Innovative Advanced Traveler Information Service, Taiwan (Planning Project)

2011: - Journey Time Indication System in Kowloon, Hong Kong

2009: - Kaohsiung Mass Rapid Transit, Taiwan

2007: - The Seoul Bus System Reform Project

- Suvarnabhumi Airport (New Bangkok International Airport

2005: - The Minatomirai Subway Line

Outstanding Transportation Project Award (OTPA)

- 4th conference Hanoi (2001)
 - The Inchon International Airport, Inchon-city, Korea
- 6th conference Bangkok (2005)
 - The Construction of Minatomirai line to Create the New City Space of the Cosmopolitan City "Yokohama", Japan. (among 3 nominations)
- 7th conference Dalian (2007)
 - Suvarnabhumi Airport (New Bangkok International Airport), Bangkok, Thailand
 - The Seoul Bus System Reform Project, Seoul, Korea (among 4 nominations)







Outstanding Transportation Project Award (OTPA)

- 8th conference Surabaya (2009)
 - Kaohsiung Mass Rapid Transit, Taiwan (among 3 nominations)
- 9th conference Jeju (2011)
 - Journey Time Indication System in Kowloon, Hong Kong (among 3 nominations)
- 10th conference Taipei (2013)
 - Fun Travel in Taipei An Innovative Advanced Traveler Information Service, Taiwan
 (among 4 nominations)





Fun Travel in Taipei

International Research Group (IRG)

IRG aims;

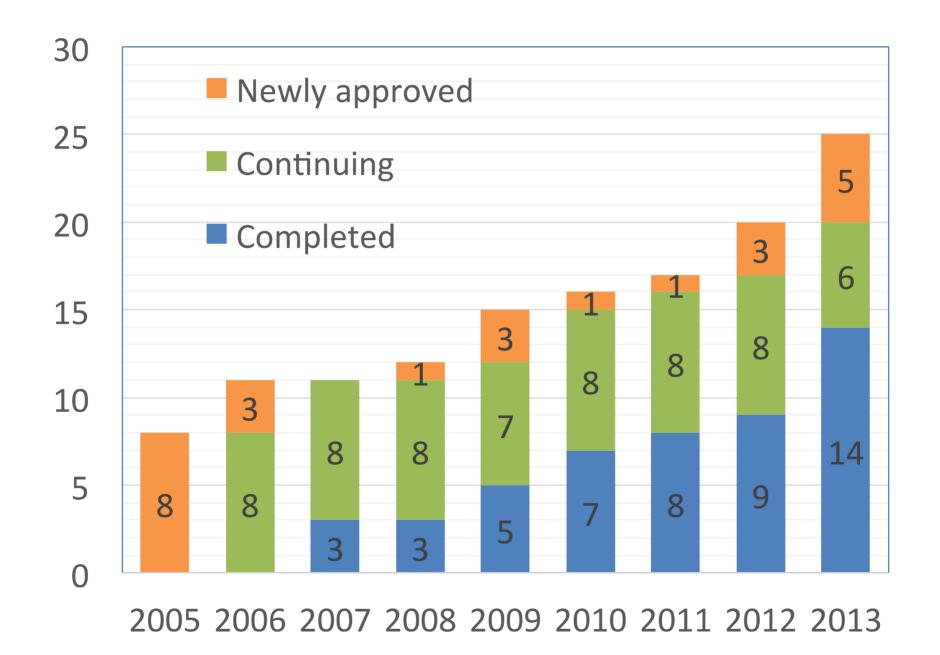
- ✓ Promote International Research Activities
- ✓ Conduct symposia, seminars and workshops
- ✓ Activate young researchers of EASTS



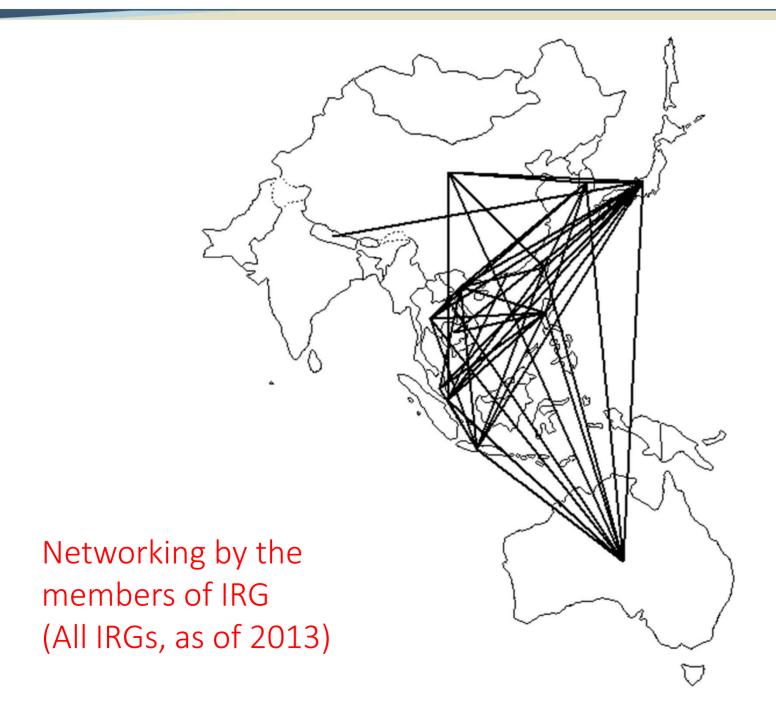
- ➤ Starting in 2005
- > Call for new IRGs in every year
- ➤ Including members from at least two domestic societies
- > IRG is eligible for ICRA research grant
- ➤ Total 25 IRGs were formed (11 IRGs are ongoing)
- > Total 120 members from 15 countries joined
- > 7 special sessions were organized by IRGs in Taipei Conference 2013



The number of International Research Group (IRG)



Human Networking by IRG activities



List of International Research Group (IRG): 2005-2008

IRG Code	Name of IRG		
IRG-13-2008	Improving a tour travel demand forecasting method for Asian countries		
IRG-12-2008	PRivate Sector Initiatives for ProMoting Road Development in East Asian Countries (PRIME Project)		
IRG-11-2006	Research on the Flow of International Air Cargo in East Asian Region		
IRG-10-2006	Sustainable Neighborhood Transportation to Improve the Quality of Life in Developing Cities		
IRG-09-2006	Economic Instruments in Sustainable Transport of Asia Cities (EISTAC)		
IRG-08-2005	Research on the Control Mechanism and Simulation of Safety Conditions of Perishable Foods Transportation and Logistics		
IRG-07-2005	Risk Management of Transport and Logistics for Natural Disasters and Mega Events		
IRG-06-2005	Building ITS Development Scheme in Asian Context		
IRG-05-2005	Culturally Sensitive Pedestrian-centric Philosophy to Advancement of Urban Form in East Asia		
IRG-04-2005	Scale Free Characteristics of the Traffic Network (SCAFT)		
IRG-03-2005	Dynamics of Poly-centric Employment Formation in East and Southeast Asian Cities		
IRG-02-2005	International, Inter-regional, and City Logistics Research Group in Wide Variety of Asian Region		
IRG-01-2005	Sustainable Transport for East Asian Megacities (STREAM)		

List of International Research Group (IRG):2009-present

IRG Code	Name of IRG		
IRG-25-2013	Mobile Millennium Asia: Mobile Productivity and Utility Tools for Inclusive Urban Mobility		
IRG-24-2013	Viability of Public Transport Harmonizing System with Para-Transit Modes		
IRG-23-2013	International Comparative Research on Value of Travel Time in Asia		
IRG-22-2013	Integrated sign systems for non-motorized transport and transit users		
IRG-21-2013 Comparative Study on Quality Management for Public Transport Systems in Asi Cities (QM4PTA)			
IRG-20-2012	Developing Safe and Green Urban Corridors in Asian Cities		
IRG-19-2012	International Comparison Study on Alternative Fuels and Vehicles in East Asia		
IRG-18-2012	Strategies for a Sustainable Transportation Path for Small- and Medium-sized Cities in East Asia		
IRG-17-2011	Logistics in Asia: Interdependent Supply Chain and Advancement of Intelligent Management		
IRG-16-2010	Intercity Transport in Asian Countries (ITAC)		
IRG-15-2009	Sustainable Transport Futures for Cities in Asia and the Pacific		
IRG-14-2009	Platform for Transport and Environmental Information (PTEI)		

Research Target of IRGs

Sustainable Transport

IRG-01, IRG-09, IRG-14, IRG-15, IRG-18, IRG-19

City Planning

IRG-03, IRG-04

Pedestrian

IRG-05, IRG-22

Mobile Application
Para-Transit
Value of Travel Time
ITS
QOL
Public Transport Service
Quality
PPP
Tourism
Intercity Transport
Traffic Safety

IRG-06, IRG-10, IRG-12, IRG-13, IRG-16, IRG-20, IRG-21, IRG-23, IRG-24, IRG-25

Logistics

IRG-02, IRG-07, IRG-08, IRG-11, IRG-17,

Example of IRG

IRG-01: "Sustainable Transport for East Asian Megacities (STREAM)"

Objectives:

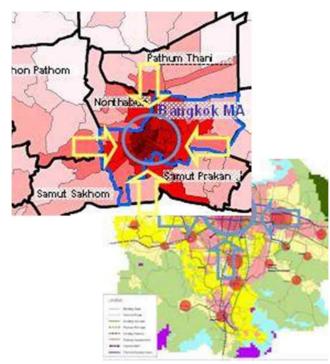
- To explore special urban transport policy strategies and practical measures for East Asian megacities considering their special characteristics

Participating countries and regions:

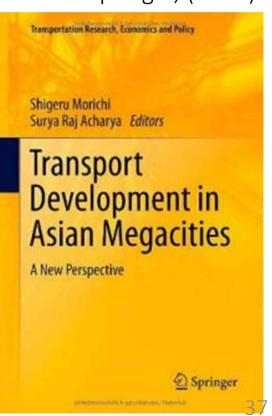
Hong Kong, Japan, Korea, Philippines, Taiwan, and Thailand



Taipei Workshop (March, 2006)



Book Publication Springer, (2013)



Example of IRG



IRG-02: "International, Inter-regional, and City Logistics Research Group in Wide Variety of Asian Region" (T-LOG)

Objectives:

- Sharing information and analyzing in cooperation on current problems in logistics field in Eastern Asia
- Proposing the solutions and/or policy recommendations on these problems together as needed

T-LOG seminar in the intermediate year of EASTS conference

Participating countries and regions:

Australia, China, Indonesia, Hong Kong, Japan, Philippines, Singapore, Taiwan, and Thailand





Research Grant: International Cooperative Research Activities (ICRA)

IRG is eligible for ICRA grant

Type of grant	Research period	Maximum amount of grant
ICRA-A (ICRA for incubating research)	2 years	JPY 1,000,000 for two years
ICRA-B (ICRA for publicity of achievement)	1 year	JPY 500,000 for one year

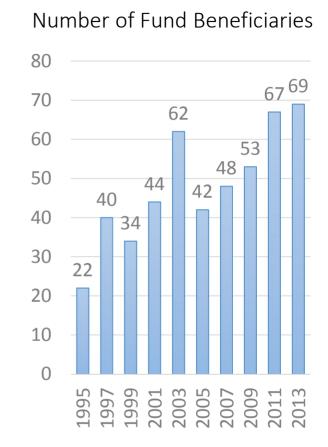
- ✓ [Selection Criteria] "Internationality", "Academic/Practical Novelty", "Usefulness" and "Prospect", "Past Achievements", "Validity of Expense", and "Feasibility".
- ✓ ICRA applications are evaluated from different perspectives by the ICRA Selection Committee organized by EASTS-Japan.

ICRA-funded Research Projects

Research Period	Research Project Title
2011-2012 (ICRA-B)	IRG-05-2005: Culturally sensitive pedestrian-centric philosophy to advancement of urban form in
	East Asia
2010-2012 (ICRA-A)	IRG-15-2009: Sustainable Transport Futures for Cities in Asia and the Pacific
2009-2010	IRG-05-2005: Culturally sensitive pedestrian-centric philosophy to advancement of urban form in
(ICRA-B)	East Asia
2008-2009	IRG-2-2005: International, Inter-regional, and City Logistics Research Group in Wide Variety of
(ICRA-B)	Asian Region
2008-2010	IRG-10-2006: Sustainable Neighborhood Transportation to Improve the Quality of Life in
(ICRA-A)	Developing Cities
2007 2000	IRG-8: Research on the Control Mechanism and Simulation of Safety Conditions of Perishable
2007-2009	Foods Transportation and Logistics
	Inter-regional Valuation of Transport Safety and Exploration of Social Attitudes towards Safety Improvements
2005-2007	Considering Southeast Asian Cities in China, Malaysia, and Indonesia: Comparative Investigation of WTP Vs
	Traditional Gross (Net)-Output Methods
2005-2007	Dynamics of Poly- centric Employment Formation in East and Southeast Asian Cities
2003-2005	Comparative Analysis of Motorcycle Utilization and Forecasting Model of Motorcycle Ownership of Eastern
2003-2003	Asian Countries
2003-2005	A Comparative Study on Urban Structures and Transportation Systems in Asian Metropolitan Cities
2001-2003	A Comparative Study on Motorcycle Traffic Development in some Asian Countries - case of Taiwan, Malaysia
2004 2000	and Vietnam
2001-2003	Travel Behavior Analysis and its Implication to Urban Transport Planning for Developing Countries 4

Incentives for Young Researchers: Financial Support

- ✓ EASTS provides financial support to the qualified presenters (mainly young researchers in developing countries) (registration fee, airfare and accommodation fees).
- ✓ The following conditions should be satisfied to qualify;
 - EASTS regular members
 - Papers evaluated as excellent in the paper review process.
 - Belonging to the following EASTS member domestic societies: Cambodia, China, Lao PDR, Malaysia, Mongolia, Myanmar, Nepal, Philippines, Thailand, Vietnam.
 - Application for financial support must be submitted.
- ✓ 50-70 young researchers of developing countries receive the EASTS support in recent conferences







Acceleration of Collaborative Research

- Support for the research activities of new/small EASTS countries.
- Communication with future member countries in the scope of EASTS
- Expanding use of International Research Group (IRG) scheme
 - Support for member recruitment
 - More effective/flexible fund (e.g. special fund for involving young researchers).
- More collaboration of academicians and practitioners including private companies.
- Collaboration with the other international academic societies (WCTRS, TRB, etc)
- Reconstruction of financial support scheme for increasing number of EASTS members and countries

Advantages of EASTS members

All Regular Members shall have the following rights:

- To present a paper in EASTS Conference and to participate in other seminar/meetings of the Society;
- To receive discount of conference registration fee and conference materials;
- To have access to all records of the associations;
- To join the EASTS international research activities (IRG, etc) and utilize the human networks of EASTS

EASTS welcomes international cooperative studies!

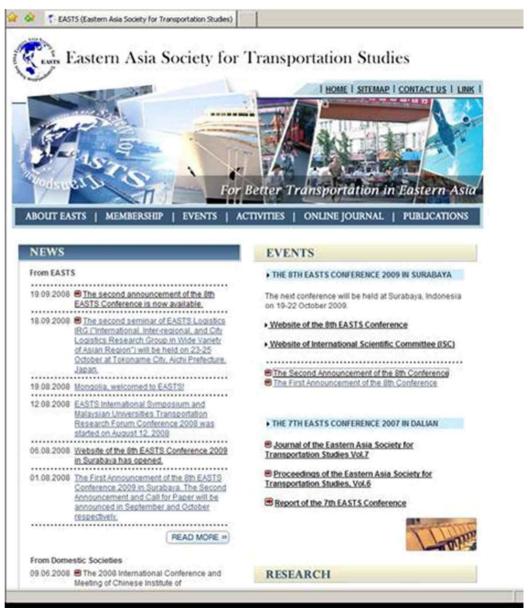
For more information, please visit EASTS website.

Website:

www.easts.info

Secretariat Office:

easts@easts.info



Next International Conference 2015:



11-14 September, 2015 In Cebu, Philippines

:hosted by Transport Science Society of the Philippines (TSSP)

Theme: "Resilient and Inclusive Transportation Systems through Smarter Mobility"

- ◆ <u>Deadline of Paper Submission:</u>
- Reviewed Papers (Academic or Practical): February 12, 2015
- Non-Reviewed Papers: April 1, 2015







3rd Connection Mactan - Cebu Mainland Bridge