



**ADBI-Chubu University Conference on Transport Infrastructure  
Development, Spillover Effects and Quality of Life**  
12-16 October 2020

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**Background and Objective:**

Asia needs a large number of high-quality infrastructure development projects to catalyze its economy and improve the quality of life. Asian countries are seeking policy measures for attracting private sector investment in transport infrastructure. The COVID-19 pandemic's significant impact on cities and transportation networks has given rise to the urgent need for interdisciplinary research addressing human mobility, infrastructure, supply chains, logistics, and integrated mobility models.

The Asian Development Bank Institute (ADBI), in association with the Center for Sustainable Development and Global Smart City, and Chubu Institute for Advance Studies at Chubu University, Japan will host a virtual conference on Transport Infrastructure Development, Spillover Effects and Quality of Life on 12-16 October 2020. To address the emerging research topics, ADBI in association with WCTR Society formed in 2019 a [Special Interest Group \(SIG\) on High-Speed Rail: Policy, Investments and, Impacts \(WCTRS-SIG: A4\)](#). This conference will also provide a forum for members of this SIG A4.

The objective of this virtual conference is to enhance capacity and increase knowledge among senior officials and experts on critical issues related to the planning, implementation, and operation of transport infrastructure in Asia, with a special focus on high speed rail (HSR) development. The conference comprises ten sessions in which policy makers, practitioners, and academics can exchange views and share experiences on transport infrastructure projects and their spillover impacts on the economy, environment, society, and the quality of life.

In 2018-2019, ADBI hosted a conference on *"Spill-over Effects of High-Speed Railway and Quality of Life"* in November 2018 at Tokyo, Japan; and five special sessions on *"Transport and Quality of Life"* at the 15th World Conference on Transport Research (WCTR) during 26-31 May 2019, at the Indian Institute of Technology (IIT) Bombay, India. Together, the conference and special sessions highlighted critical issues and delivered key messages on the broad research on High-Speed Rail and Quality of Life. ADBI published selected papers in the *"Handbook on High-Speed Rail and Quality of Life"*, released during the Virtual Conference on Transport Infrastructure Development, Spillover Effects, and Quality of Life in March 2020. In the context of Covid-19, ADBI also hosted three webinars on HSR in May-June 2020.

**Organizers:** ADBI, Chubu University, WCTRS SIG A4

**Supporting organizations:** MLIT, JICA, JARTS, JR East, NHRCL

**Conference Co-chairs:** KE Seetha Ram and Y Hayashi;

**Secretariat:** Ayushman Bhatt, Noriko Nogami (ADBI); Dr Takeshita, Mayumi Takeuchi (Chubu)

**ADBI Events Webpage:** <https://www.adb.org/news/events/transport-infrastructure-development-spillover-effects-quality-in-life>

**Participants/Registration:**  
[https://us02web.zoom.us/webinar/register/WN\\_MKnexloxSnmA6RxFdbjS6g](https://us02web.zoom.us/webinar/register/WN_MKnexloxSnmA6RxFdbjS6g)

**Output:** Edited Volume by ADBI Press



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**Conference Schedule**

Time – JST (hr:mm)	Day 1 12 October 2020 Monday	Day 2 13 October 2020 Tuesday	Day 3 14 October 2020 Wednesday	Day 4 15 October 2020 Thursday	Day 5 16 October 2020 Friday
<b>09:30 to 10:30</b> <i>(17:30 Vancouver Time(-1 day); 20:30 EST (-1 day) 09:30 Korean Time. 08:30 Chinese/Taipei Standard Time)</i>			Club of Rome Symposium (14:00- 16:30 JST)	<b>Session 4:</b> Competition and Cooperation between Air, Rail and Roads for inter- city travel <b>(90 min)</b>	
<b>10:30 to 11:30</b>					<b>Session 5:</b> Policy and Innovation for Transport 2.0 - Building a National Network of HSR in Asian Countries <b>(120 min.)</b>
<b>11:30 to 12:30</b>					
<b>13:30 to 15:30</b> <i>(20:30 AKDT (-1 day); 10:00 IST; 11:30 Vietnam/Central Indonesian Time; 16:30 NZST)</i>		<b>Session 2:</b> Capacity Building for Engineering, Research, Innovation, and Construction Technology Management in Sustainable Transport Infrastructure Development <b>(90 min)</b>			<b>Session 8:</b> Quantifying and Simulating Quality of Life <b>(90 min)</b>
<b>15:30-16:30</b>					
<b>16:30 to 18:30</b> <i>(09:30 CET; 13:00 IST)</i>	<b>Opening Plenary/Special Session on High- Speed Rail and Quality of Life</b> <b>(90 min)</b>	<b>Session 3:</b> Transport Infrastructure and its Wider Economic Impacts <b>(90 min)</b>		<b>Session 6:</b> Transport-Urban Interactions <b>(90 min)</b>	Closing Plenary & Emerging Research on High-Speed Rail <b>(90 min)</b>
<b>22:00 to 00:00</b> <i>(06:00 Vancouver Time; 09:00 EST; 15:00 CET; 18:30 IST)</i>	<b>Session 1:</b> Impacts of COVID-19 on Transport (co-organized with WCTRS COVID-19 Task force) <b>(90 min.)</b>				

*Note: The effective duration of sessions are 90 minutes (except session 5), however including the pre- and post-event chat, a slot of around 120 minutes is secured.*

Color Codes for Sessions and Session Items	
	Special Opening and Closing Plenary on HSR and QoL
	Inter-related sessions for HSR, Spill over Effects and QoL
	Inter-related sessions for COVID-19 impacts on transport and logistics
	Inter-related sessions for Capacity building and Innovation for transport Infrastructure Development
	Session Chairs
	Key note Speakers and Panelist
	Discussions
	Paper Presentations
	Short highlights/comments of Papers already presented in March Virtual Conference



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**Day 1: October 12, 2020 (16:30 to 18:30 JST)**

[09:30 CET; 13:00 IST; 14:30 Vietnam time/Central Indonesian Time]

**Opening Plenary /Special Session on High-Speed Rail and Quality of Life**

S. No.	Time	Paper Title	Speaker/Author(s)
1	16:30 to 16:45 JST	Meeting room opens and pre-event chat	
<b>Part 1: Welcome Addresses (16:45 to 17:05 JST)</b>			
2	16:45 to 16:55 JST	Opening Remarks/ Overview of the Conference	Yoshitsugu Hayashi, Chubu University (Transport, QoL and Climate Change)
3	16:55 to 17:00 JST	Welcome by Dean, ADBI	Tetsushi Sonobe, Dean and CEO, ADBI, Tokyo, Japan
4	17:00 to 17:05 JST	Special Keynote presentation	Osamu Ishihara, President, Chubu University, Japan
<b>Part 2: Special Session on HSR and QoL (17:05 to 18:30 JST)</b>			
5	17:05 to 17:15 JST	Mechanisms to capture the spill-over effects of transport infrastructure: Land Trust and Spill-over Effects of Infrastructure Investment	Naoyuki Yoshino, Professor Emeritus, Keio University, Japan
6	17:15 to 18:00 JST	Panel Discussion on Transport Infrastructure for Economic and Sustainable Development (45 minutes) Moderator: Chul Ju Kim/ K E Seetha Ram, ADBI	Panelist 1: Achal Khare Managing Director, NHRCL, India  Panelist 2: Werner Rothengatter, KIT, Germany  Panelist 3: Yoshitsugu Hayashi, Chubu University  Panelist 4: K. N. Satyanarayana, IIT Tirupati, India  Panelist 5: Kazuaki Hiraishi, Mitsubishi Research Institute, Japan
7	18:00 to 18:15 JST	Open Discussions/Q&A	
8	18:15 to 18:20 JST	Closing remarks	K E Seetha Ram, ADBI
9	18:20 to 18:30 JST	Post event chat	



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**Day 1: October 12, 2020 (22:00 to 24:00 JST):**

[06:00 Vancouver Time/Pacific Time; 09:00 EST; 15:00 CET; 18:30 IST; 23:00 ACT]

**Session 1: Impacts of COVID-19 on Transport (co-organized with WCTRS COVID-19 Task Force)**

S. No.	Time	Paper Title	Speaker/Author(s)
1	22:00 to 22:05 JST	<i>Meeting room opens and pre-event chat</i>	
2	22:05 to 22:15 JST	<b>Opening Remarks/Keynote presentation by Session Chair</b>	<b>Yoshitsugu Hayashi,</b> <i>Professor, Chubu University, Japan ; Co-Chair of WCTRS Covid-19 Task force</i>
3	22:15 to 22:25 JST	<b>A new policymaking framework for addressing the impacts of COVID-19 and future pandemics: PASS approach and its applications</b>	<b>Junyi Zhang,</b> <i>Professor, Hiroshima University, Japan; Co-Chair of WCTRS Covid-19 Task force</i>
4	<b>Roundtable Discussion chaired by Junyi Zhang (Professor, Hiroshima University) 22:25 to 23:55 JST</b>		
4.1	22:25 to 22:35 JST	<b>Policy measures for addressing the impacts of COVID-19 in mainland China</b>	<b>Yacan Wang, Huiyu Zhou</b> <i>Beijing Jiaotong University, China</i>
4.2	22:35 to 22:45 JST	<b>Policy measures for addressing the impacts of COVID-19 in Taiwan</b>	<b>Cheng-Min Feng, ,</b> <i>National Chiao Tung University, Taiwan</i>
4.3	22:45 to 22:55 JST	<b>Policy measures for addressing the impacts of COVID-19 in India</b>	<b>Senathipathi Velmurugan,</b> <i>CSIR - Central Road Research Institute, India</i>
4.4	22:55 to 23:05 JST	<b>Policy measures for addressing the impacts of COVID-19 in Australia</b>	<b>Hitomi Nakanishi</b> <i>University of Canberra, Australia</i>
4.5	23:05 to 23:15 JST	<b>Policy measures for addressing the impacts of COVID-19 in United States</b>	<b>Giovanni Circella,</b> <i>UC Davis, USA</i>
4.6	23:15 to 23:25 JST	<b>Guidance Note on COVID-19 and Transport in Asia and the Pacific</b>	<b>James Leather,</b> <i>Asian Development Bank</i>
4.7	23:25 to 23:35 JST	<b>Policy measures for addressing the impacts of COVID-19 in Low Income Countries</b>	<b>Holger Dalkmann,</b> <i>CEO Sustain 2030 &amp; Senior Adviser High Volume Transport Program (HVT)</i>
5	23:35 to 23:55 JST	<b>Open Discussion</b>	<b>All Speakers</b>
6	23:55 to 24:00 JST	<b>Closing remarks</b>	



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**Day 2: October 13, 2020 (13:30 to 15:30 JST):**

[20:30 AKDT (-1 day); 10:00 IST; 11:30 Vietnam/Central Indonesian Time; 12:30 Chinese Standard Time]

**Session 2: Capacity Building for Engineering, Research, Innovation, and Construction Technology  
Management in Sustainable Transport Infrastructure Development**

S. No.	Time	Paper/Presentation Title	Speaker/Author(s)
1	13:30 to 13:45 JST	<i>Meeting room opens and pre-event chat</i>	
2	13:45 to 13:57 JST	<i>Opening Remarks and Session Overview by Session Chair</i>	<b>Sudhir Misra,</b> Professor, IIT Kanpur, India
3	13:57 to 14:09 JST	<i>The Concept of Experimental Platform on Next-Generation Shinkansen Development: Type E956 Shinkansen Test Train named ALFA-X</i>	<b>Koji Asano</b> Director, Advanced Railway System Development Center, JR East, Japan
4	14:09 to 14:21 JST	<i>5G Key Technologies for Intelligent High-Speed Railway</i>	<b>Bo Ai</b> Beijing Jiaotong University, China
5	14:21 to 14:33 JST	<i>Artificial Intelligence based Spatial Exploration for Computer-Aided High-speed Railway Alignment Development</i>	<b>Sandeepan Roy, Avijit Maji</b> IIT Bombay, Mumbai, India
<b>Discussions</b>			
6	14:33 to 15:15 JST	<b>Title TBC</b>	<b>Invited Discussant:</b> <b>Ashwin Mahalingam</b> Professor, IIT Madras
		<i>Estimating Direct, Indirect, and Induced Employment from Highway Construction in India</i>	<b>Vinod Vasudevan, Sudhir Misra,</b> Tanika Chakrobarty, Prasanna Behera, Ayushman Bhatt  IIT Kanpur/University of Anchorage, Alaska, USA
7	15:15 to 15:20 JST	<i>Closing remarks</i>	
8	15:20 to 15:30 JST	<i>Post event chat</i>	

**Note:** Papers already presented in March Virtual Conference will be invited for short highlights/comments during discussions



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**Day 2: October 13, 2020, (16:30 to 18:30 JST)**

[09:30 CET; 13:00 IST; 14:30 Vietnam time/Central Indonesian Time]

**Session 3: Transport Infrastructure and its Wider Economic Impacts**

S. No.	Time	Paper Title	Speaker/Author(s)
1	16:30 to 16:45 JST	<i>Meeting room opens and pre-event chat</i>	
2	16:45 to 17:00 JST	<i>Opening Remarks and Session Overview by Session Chair</i>	<b>Werner Rothengatter,</b> Professor Emeritus, Karlsruhe Institute of Technology (KIT), Germany
3	17:00 to 17:15 JST	<i>Wider Impacts and Spill-over Effects of High-Speed Rail Infrastructure Investments in Europe: The Case of Spain</i>	<b>Angel Aparicio,</b> Professor, Universidad Politécnic de Madrid, Spain
4	17:15 to 17:30 JST	<i>Estimating the Environmental Benefits from Development of High-Speed Rail in Vietnam</i>	<b>An Minh Ngoc, Le Thu Huyen</b> Lecturer, University of Transport and Communication, Vietnam
<b>Discussions</b>			
5	17:30 to 18:15 JST	<i>Title TBC</i>	<b>Invited Discussant:</b> <b>Michael Wegener,</b> Spiekermann & Wegener Urban and Regional Research, Germany
		<i>Assessing the wider economic impacts of transport infrastructure investment with an illustrative application to the North-South High-Speed Railway project in Vietnam</i>	<b>Thi My Thanh Truong,</b> Sybil Derrible, University of Transport Technology Vietnam,
		<i>High Speed Rails and Knowledge Production- A Global Perspective</i>	<b>Ayushman Bhatt, Hironori Kato</b> The University of Tokyo, Japan
6	18:15 to 18:20 JST	<i>Closing remarks</i>	
7	18:20 to 18:30 JST	<i>Post event chat</i>	

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**Day 4: October 15, 2020 (09:30 to 11:30 JST):**

*[17:30 Vancouver Time (-1 day); 20:30 EST (-1 day); 09:30 Korean Time. 08:30 Chinese Standard Time Standard Time]*

**Session 4: Competition and Cooperation between Air, Rail and Roads for inter-city travel**

S. No.	Time	Paper Title	Speaker/Author(s)
1	09:30 to 09:45 JST	<i>Meeting room opens and pre-event chat</i>	
2	09:45 to 10:00 JST	<i>Opening Remarks &amp; Keynote presentation by Session Chair on: "Air-HSR Competition and Cooperation: with added comments on effects of Covid-19"</i>	<b>Tae Hoon Oum,</b> Professor Emeritus at Saunderson School of Business, UBC Canada & President, WCTR Society
3	10:00 to 10:15 JST	<i>Efforts for Optimal Inter-City Modal Split</i>	<b>Sungwon Lee,</b> The Korea Transport Institute, Republic of Korea
4	10:15 to 10:30 JST	<i>What's the impact of Chinese High-Speed Rail on Airline Carbon Emissions?</i>	<b>Jack Strauss,</b> Hongchang Li University of Denver, USA
<b>Discussions</b>			
5	10:30 to 11:10 JST	<i>Competition between high-speed rail and air transport in Japan</i>	<b>Shinya Hanaoka</b> Tokyo Institute of Technology, Japan
		<i>Sine Qua Non: High-Speed Rail Forms and Functionalities in Intercity and Urban Areas</i>	<b>Eugene Chao</b> University of Pennsylvania, USA
		<i>Does High-Speed Rail has a Spillover Effect on the Mode Shift for Intercity Travel</i>	<b>Zhenhua Chen,</b> Xiaohong Ren, Ting Dan, Wei Wang, The Ohio State University, USA
6	11:10 to 11:15 JST	<i>Closing remarks</i>	
7	11:15 to 11:30 JST	<i>Post event chat</i>	

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**Day 4: October 15, 2020 (13:30 to 15:30 JST):**

[00:30 EST; 06:30 CET; 10:00 IST; 11:30 Vietnam/Central Indonesian Time; 12:30 Chinese Standard Time; 16:30 NZST]

**Session 5: Policy and Innovation for Transport 2.0 - Building a national network of the High  
Speed Rail in Asian Countries**

*with the support of MLIT, JICA, NHRCL JREast, JARTS, RTRI*

S. No.	Time	Title	Speaker/Author(s)
1	13:15 to 13:30 JST	Meeting room opens and pre-event chat	
<b>Part 1: Welcome addresses and Keynotes (13:30 -14:00 JST)</b>			
2	13:30 to 13:40 JST	Opening Keynote presentation	<b>Vinod Kumar Yadav (Invited)</b> Chairman & Chief Executive Officer of Railway Board, Ministry of Railways, India
3	13:40 to 13:45 JST	<b>Policies and Programs to transfer knowledge and experience from Japan to support other countries build HSR</b>	<b>Yasaburo Hikasa</b> Assistant Vice-Minister for International Affairs, Ministry of Land, Infrastructure, Transport and Tourism (MLIT)
4	13:45-13:55 JST	<b>Programs to assist and develop capacity in Asian countries to build HSR</b>	<b>Kenichi Yamamoto</b> Director General, JICA
<b>Part 2: High-level Panel Discussion : Policy and Innovation for Transport 2.0 (14:00 -14:50 JST ) (Moderated by Chul Ju Kim)</b> <i>(8 minutes each panelist in 2 rounds like a conversation/dialogue- without using slides)</i>			
5	<b>14:00 - 14:40 JST</b>	<b>How to build local capacity to successfully operate and maintain HSR?</b>	<b>Haruhiko Kono</b> President, Japan Railway Technical Service (JARTS)
6		<b>Education &amp; Training of SHIN, KANSEN specialists – Establishment of SHINKANSEN General Management Department</b>	<b>Masatoshi Kawai</b> Senior Executive officer, JR East
7		<b>Technology and innovation for HSR</b>	<b>Tetsuo Uzuka</b> General Director, RTRI, Japan
8		<b>Indigenous Solutions and opportunities for HSR in India</b>	<b>Achal Khare</b> Managing Director, NHRCL, India
9		<b>Policies and priorities for developing domestic capacity for building high quality infrastructure</b>	<b>K. N. Satyanarayana,</b> Director IIT Tirupati, India
10	14:40 to 14:50 JST	<b>Panelist respond to questions from participants</b>	
<b>Part 3: Open discussion with panelists and participants on Issues, Innovation, and Investments to develop national networks of HSR in Asian Countries (14:50 – 15:40 JST)</b> <i>(Facilitated by KE Seetha Ram - With the use polls and interactive responses)</i>			
11	14:50 to 15:00 JST	<b>Development of high-speed rail will be a “game changer” for Asian countries</b>	<b>Masafumi Shukuri</b> Chairman, International High-Speed Rail Association
<b>Discussants representing Asian and European countries:</b> Sungwon Lee (KOTI, Korea); Ko Sakamoto (ADB Manila); Surya Raj Acharya (Nepal), Angel Aparicio (Spain); Aseem Kinra (Germany); Haixiao Pan (PRC); Hiroyuki Takeshita (Japan)			
12	15:40 to 15:45 JST	Closing Remark by Prof. Hayashi and Post event chat	





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**Day 4: October 15, 2020 (16:30 to 18:30 JST):**

[09:30 CET; 13:00 IST; 14:30 Vietnam time/Central Indonesian Time]

**Session 6: Transport-Urban Development Interactions**

S. No.	Time	Paper Title	Speaker/Author(s)
1	16:30 to 16:45 JST	<i>Meeting room opens and pre-event chat</i>	
2	16:45 to 17:00 JST	<b>Opening Remarks/Keynote presentation by Session Chair:</b> <i>Factors Influencing the Ridership of a Proposed Metro Rail System</i>	<b>K.V.K Rao,</b> Professor, IIT Bombay, India
3	17:00 to 17:12 JST	<i>Land Use and Urban Development Effects of HSR</i>	<b>Kenichi Kudo</b> Director for Urban Transport Planning Office, City Bureau, MLIT Japan
4	17:12 to 17:24 JST	<i>Development around the newly built station</i>	<b>Hiroyuki Takeshima,</b> Life-style Business Development HQ, General Manager, JR East, Japan
5	17:24 to 17:36 JST	<i>Land Value Capture (LVC) for Transit-Oriented Development (TOD) in the Philippines</i>	<b>Akihiro Sato</b> Oriental Consultants Global, Japan
6	17:36 to 17:48 JST	<i>High Speed Rail Station Location Serviceability Quantification: Socio-Economic, Environmental, and Accessibility Implication</i>	<b>Sandeepan Roy, Avijit Maji, Prasanta Sahu</b> IIT Bombay, Mumbai
<b>Discussions</b>			
7	17:48 to 18:25 JST	<i>Promoting Logistics by Bullet Train in the Corona Pandemic Era</i>	<b>Yoshitaka Ishii,</b> Former President and Chairman, JR Kyushu
		<i>Exploring a dynamic relationship between transportation strategies and community liveability: a case of Kolkata Urban Agglomerations (KUA)</i>	<b>Arpan Paul, Joy Sen</b> IIT Kharagpur
		<b>TRANSPORT INVESTMENT AND QUALITY OF LIFE: EVIDENCE FROM ASIAN COUNTRIES</b>	<b>Md Aslam Mia</b> Universiti Sains Malaysia, Penang, Malaysia
8	18:25 to 18:30 JST	<i>Closing remarks</i>	
9	18:30 to 18:40 JST	<i>Post event chat</i>	

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***Day 5: October 16, 2020 (10:30 to 12:30 JST):  
Session 7: Graduate Students Colloquium***

S. No.	Time	Paper Title	Speaker/Author(s)
1	10:30 to 10:45 JST	<i>Meeting room opens and pre-event chat</i>	
2	10:45 to 10:55 JST	<i>Opening Remarks by session co-chairs</i>	<b>Daniel del Barrio Alvarez,</b> <i>University of Tokyo, Japan</i> <b>and Nikhil Bugalia</b> <i>IIT Madras, India</i>
3		<i>A select no. of presentations (in <u>3min presentation format</u>) will be featured</i>	TBD
4			
5			
6			
7	11:30 to 12:10 JST	<i>Open Discussions</i>	
8	12:10 to 12:15 JST	<i>Closing remarks</i>	<b>Alok Tripathi</b> <i>GM Innovation, NHRCL, India</i>
9	12:15 to 12:30 JST	<i>Post event chat</i>	

**Note:** Students working/interested in any field relevant to the conference theme are eligible to make submissions. Interested students can fill the following google form: <https://forms.gle/tMCASXwrwHFLi4AKA>, and email their presentations to [abhatt@adbi.org](mailto:abhatt@adbi.org) by October 4, 2020.



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**Day 5: October 16, 2020: (13:30 to 15:30 JST):**

[00:30 EST; 06:30 CET; 10:00 IST; 11:30 Vietnam/Central Indonesian Time; 12:30 Chinese Standard Time;]

**Session 8: Simulating HSR networks and their impacts on Quality of Life**

S. No.	Time	Paper Title	Speaker/Author(s)
1	13:30 to 13:45 JST	<i>Meeting room opens and pre-event chat</i>	
2	13:45 to 14:00 JST	<i>Opening Remarks and Keynote presentation by Session Chair on QoL Research</i>	<i>Yoshitsugu Hayashi, Professor, Chubu University, Japan</i>
3	14:00 to 14:12 JST	<i>Empirical Analysis on Industrial Sectors for QOL Improvement along High-Speed Rail Corridors</i>	<i>Shuji Sugimori, Yoshitsugu Hayashi, Hiroyuki Takeshita, Akash Yewale, Chubu University &amp; IIT Bombay</i>
4	14:00 to 15:10 JST	<i>Discussions</i>	
		<i>Transportation mode choice in Vietnam intercity trips</i>	<i>An Minh Ngoc, Le Thu Huyen and Ahmet Basit Dogru Lecturer, University of Transport and Communication, Vietnam</i>
		<i>Urban transportation systems in selected small developing island states: A comparative Analysis</i>	<i>Khan Urwah, Juan Gonzalez Nagoya University, Japan</i>
5	15:10 to 15:15 JST	<i>Closing remarks</i>	
6	15:15 to 15:30 JST	<i>Post event chat</i>	

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**Day 5: October 16, 2020 (16:30 to 18:30 JST):**

[09:30 CET; 13:00 IST; 14:30 Vietnam time/Central Indonesian Time]

**Closing Plenary on Emerging Research Topics**

S. No.	Time	Paper Title	Speaker/Author(s)
1	16:30 to 16:45 JST	<i>Meeting room opens and pre-event chat</i>	
2	16:45 to 16:55 JST	<b>Opening Remarks and Session Overview by Session Chair</b>	<b>KE Seetha Ram</b> , ADBI
3	16:55 to 17:10 JST	<b>Capacity Building for HSR Development</b>	<b>Hironori Kato</b> , Department of Civil Engineering, The University of Tokyo, Japan
4	17:10 to 17: 25 JST	<b>Emerging Research Topics relating to (i) Artificial intelligence and transport; (ii) Transport and logistics – improving efficiency; (iii) Rural connectivity; and (iv) Road safety</b>	<b>B. N. Puri</b> Director (Research), Asian Institute of Transport Development, New Delhi
5	17:25 to 17: 40 JST	<b>Deriving Policies from Land Use-Transport Interactions for Sustainable High-Speed Rail Development in Asia</b>	<b>Francesca Pagliara</b> , University of Naples Federico II
6	17:40 to 18: 10 JST	<b>Round Table Discussions moderated by Prof Hayashi</b>	<b>Invited panelists:</b> KVK Rao, IIT Bombay, India Tetsuo Kidokoro, University of Tokyo (TBC) Werner Rottengather, KIT, Germany Sudhir Misra, IIT Kanpur, India Junyi Zhang, Hiroshima University, Japan (TBC) Aseem Kinra, University of Bremen, Germany
7	18: 10 to 18:15 JST	<b>Summary of Conference and Closing remarks</b>	<b>Yoshitsugu Hayashi</b> , Chubu University, Japan
8	18:15 to 18:30 JST	<i>Post event chat</i>	