



## Virtual Conference on Transport Infrastructure Development, Spillover Effects and Quality of Life

Conference organizers: Asian Development Bank Institute | Chubu Institute of Advanced Studies | Chubu University Center for Sustainable Development and Global Smart Cities  
18 March 2020

### Virtual Conference schedule

Time (hh:mm JST) (UTC/GMT +9 hrs)	GMT (Home)	Papers on Emerging Research (10 Mins each)
10:00 - 10:45 JST	21:00 EDT (UTC/GMT -4 hrs) Onwards on 17th Match 2020	<b>Sine Qua Non: High-speed Rail Forms and Functionalities in Intercity and Urban Areas</b> <b>Vukan Vuchic</b> , Eugene Chao, University of Pennsylvania, USA (Introduction: The paper evaluates different types of HSR network planning, design, and operations associated with their urban forms. The practitioner-centric research offers a fine-grained dissection of the sophistication of HSR planning, design, and operations associated with city's form and functionality.)
	21:00 EDT (UTC/GMT -4 hrs) Onwards on 17th Match 2020	<b>Spill-over Effect of Mode Shift of Intercity Travel: Does the introduction of High-Speed Rail Plays a Role</b> <b>Zhenhua Chen</b> , Xiaohong Ren, Ting Dan, Wei Wang, The Ohio State University, USA (Introduction: High-speed rail infrastructure has experienced a rapid development in many countries over the past decades. However, to what the extent the development of HSR influences mode shift of intercity travel and whether the new infrastructure will have any spillover effects? The paper intends to address these questions by providing an empirical investigation based on a patron survey at three major railway stations in Chongqing, PRC)
11:00 - 11:45 JST	18:00 AKDT (UTC/GMT -8 hrs) Onwards on 17th Match 2020	<b>Estimating Direct, Indirect, and Induced Employment from Highway Construction in India</b> <b>Vinod Vasudevan</b> , Sudhir Misra, Tanika Chakrobarty, Prasanna Beherab, Ayushmann Bhatt, University of Anchorage, Alaska, USA (Introduction: Highway construction is a major employment generator across the world. Assessing four highway projects located in two distinct provinces, the paper illustrates a methodology to develop estimates of employment generation from highway construction in emerging economies like India.)
	09:00 ICT/VT (UTC/GMT +7 hrs) Onwards on 18th Match 2020	<b>Assessing the wider economic impacts of transport infrastructure investment with an illustrative application to the North-South High-Speed Railway project in Vietnam</b> <b>Thi My Thanh Truong</b> , Sybil Derrible, University of Transport Technology, Vietnam (Introduction: The paper aims to propose a mechanism to capture the spillover effects of transport infrastructure by identifying the employment agglomeration impact of transport investments through a measure of change in effective employment density.)



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13:00 – 14:00 JST	10:30 IST (UTC/GMT +5:30 hrs) Onwards on 18th Match 2020	<b>Exploring a dynamic relationship between transportation strategies and community liveability: a case of Kolkata Urban Agglomeration</b> <b>Arpan Paul</b> , Joy Sen, Indian Institute of Technology, Kharagpur (Introduction: The paper assesses the spatial dimensions by considering the evolution of the conurbation in four phases, and by looking at a cumulative causation of the sequence of impacts of maritime, road, rail, air and ITES communication networks on liveability within the Kolkata Urban Agglomeration in India.)
	13:00 JST (UTC/GMT +9 hrs) Onwards on 18th Match 2020	<b>Urban transportation systems in selected small developing island states: A comparative Analysis</b> <b>Khan Urwah</b> , Juan Gonzalez, Nagoya University, Japan (Introduction: The paper performs a multi-criteria comparative analysis of urban transportation system in capital cities of selected Small Island Developing States sharing similar socio-economic characteristics. To identify knowledge gaps and guide the design and evaluation of future transport investments the paper examines two capital cities of island states each from Caribbean, Pacific and Indian Ocean.)
15:00 - 15:45 JST	14:00 MYT (UTC/GMT +8 hrs) Onwards on 18th Match 2020	<b>Impacts of Transport Infrastructure on Liveability: Evidence from Asian Countries</b> <b>Md Aslam Mia</b> , University of Science Penang, Malaysia (Introduction: The paper attempts to understand the dynamics of how infrastructure investments enhance the liveability of city dwellers. Analysing data from 20 Asian countries the paper analyse the effect of public and private investment in transport infrastructure to city’s liveability index.)
	15:00 JST (UTC/GMT +9 hrs) Onwards on 18th Match 2020	<b>High Speed Rails and Knowledge Production- A Global Perspective</b> <b>Ayushmann Bhatt</b> , Hironori Kato, University of Tokyo, Japan (Introduction: This ongoing research aims to develop an empirical macro-economic evidence for this effect of HSRs at an international scale. The objectives are to study associations and test the potential causal relationship between HSR development and country’s patent productivity. An analysis of 15 nations where HSR is in operation demonstrate a significant positive association of HSR development and country’s patent productivity.)
16:00 - 17:00 JST	14:00 ICT/VT (UTC/GMT +7 hrs) Onwards on 18th Match 2020	<b>Transportation mode choice in Vietnam intercity trips</b> <b>Le Thu Huyen</b> , An Minh Ngoc, University of Transport and Communication, Vietnam (Introduction: In recent years, there have been a lot of discussion and debates about the decision to develop the HSR system in Vietnam. This article describes work undertaken to provide a better understanding of competitiveness of HSR over other modes of transport and what might be done to better position their role in providing inter-provincial mobility.)



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<p><b>08:00 CET (UTC/GMT +1 hrs) Onwards on 18th Match 2020</b></p>	<p><b>Impacts of High-Speed Railway Infrastructures on Equity and Quality of Life</b> <b>Francesco Bruzzone</b>, Federico Cavallaro, Silvio Nocera, University of Venice  (Introduction: This paper introduces the Spatial and Social Equity Railway Indexes to assess the variation in travel times, number of connections, prices and population affected by these changes.)</p>
<p><b>08:00 CET (UTC/GMT +1 hrs) Onwards on 18th Match 2020</b></p>	<p><b>High Speed Rail Systems Deployment and Megacity Formation: The MITO and ROSA Case Studies in Italy</b> <b>Francesca Pagliara</b>, University of Naples Federico II  (Introduction: Examining the case of HSR serviced city pairs of Milano-Torino and Roma-Salerno in Italy, this paper attempts to understand and explore the relationship between megacity formation and High-Speed Rail deployment. The paper proposes a model to explain the mechanisms through which metro cities integrate into megacities.)</p>

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**Link to the virtual conference:**  
[https://\\*\\*\\*\\*\\*.com/adbi-chubu](https://*****.com/adbi-chubu)

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### NOTE

- To participate in the virtual conference, we request you to download and install [Zoom-US](#).
- All participants are requested to test and pre-configure the software on your computers.
- To configure your computer's Audio-Video, please see the tutorial [here](#).
- During the session, participants are requested to be seated in a quiet environment.
- For each presentation, the format will be- 10 Mins presentation + 5 Mins Discussion/Q&A.
- When [joining a session](#), participants are requested to mute their microphones. Participants may unmute their microphones to interact or during their presentation.
- To share your screen/slides for your talk, please see the tutorial [here](#).
- If you wish to give any feedback during a session, participants are requested to use [chat options](#) during the session.
- For any other queries please email us.