

ADBI Virtual Workshop on Analyzing Infrastructure Impacts in Asia Through Big Data: Spillover and Financing

Background

This third workshop on Big Data will provide knowledge and build capacity for government officials and researchers who are participating in the research project.

Objectives

- Assess the role of big data in gauging the spillover effects of infrastructure growth
- Consider how infrastructure's spillover effects can be channeled to attract private investment for new projects

Participants

- Policy makers and experts from think tanks, universities, and other institutions, as well as post-graduate students

Outputs

- Enhanced understanding of how big data can be used to determine the spillover effects of infrastructure and policies for harnessing them to address project funding gaps
- Greater impetus for dialogue, research, and cooperation on innovative infrastructure financing and development

Biographies of all paper presenters and research proposals/ presentations of participants from the first workshop on 2-3 June are available via this hyperlink:

<https://www.adb.org/news/events/analyzing-infrastructure-impacts-asia-through-big-data>

**Third Virtual Workshop on
Big Data for prioritizing policies for infrastructure development in the context of
covid-19 in developing countries**

September 10, 2021 (Friday) 18:00-22:30 Japan Standard Time (JST)
Venue: Virtual

Lead Facilitator: Satish Ukkusuri, Professor, Purdue University, US
Co-facilitator: Takahiro Yabe , Massachusetts Institute of Technology, US

Draft agenda

6:50-7:00 PM JST Housekeeping rules and photo: Ranjeeta Mishra, Consultant, ADBI
Moderator: KE Seetha Ram, Senior Capacity Building and Training Specialist, ADBI

Part 1 (7-8 pm JST)	Seminar
5 minutes	Welcome Remarks Tetsushi Sonobe, Dean and CEO, ADBI, Japan
45 minutes	Current trends on Big Data for prioritizing policies for infrastructure development in the context of covid-19 in developing countries – Satish Ukkusuri
10 minutes	Questions from participants
Part 2 (8-9 pm JST)	Hands-on workshop
50 minutes	Big Data Activity by Satish Ukkusuri and Taka Yabe - Review of Mobilkit for understanding travel impacts using mobile phone data
10 minutes	Questions from participants
Part 3 (9-10:30 pm JST)	Feedback and advise to authors on incorporating Big Data in their papers Moderator: Ranjeeta Mishra, ADBI
90 minutes	Brief presentations of the papers from participants, follow-up questions and discussion (as below)
5 minutes	Closing Remarks KE Seetha Ram

Presentations for Part 3 (order might change)

5 minutes	<p>Paper 1: Market Access and Firm Performance in India Authors: Somnath Sharma, Shashi Kant, Takafumi Kawakubo, Ranjeeta Mishra, Dina Azhgaliyeva</p>
5 minutes	
5 minutes	<p>Paper 2: Big Data and Labor Mobility: How ICT and transport infrastructure can improve employment and livelihoods across the CAREC region Authors: David Wells Roland-Holst, Kamalbek Karymshakov, Burulcha Sulaimanova, Kadyrbek Sultakeev</p>
5 minutes	
5 minutes	<p>Paper 3: Evaluating COVID-19 impact on firm performance in Central Asia Using WBES and Night-Time Light Data Authors: Dina Azhgaliyeva, Ranjeeta Mishra, Kamalbek Karymshakov</p>
5 minutes	
5 minutes	<p>Paper 4: Spatial Development in the Greater Mekong Subregion Authors: Kenmei Tsubota, Souknilanh Keola</p>
5 minutes	
5 minutes	<p>Paper 5: Can investments in soft infrastructure deliver a sustainable and inclusive economic boost to Central Asian nations post COVID-19 Author: Jonathan Lane</p>
5 minutes	
5 minutes	<p>Paper 6: The socioeconomic impact of land use policy and metro investment in urban India: Through remote sensing floor area ratio detection Authors: Liming Chen, Rana Hasan, Ravi Ponnappureddy</p>
5 minutes	

5 minutes	Paper 7: Viewing regional economic dynamics from above using nighttime lights and land cover: Insights from dimly lit islands Author: Jesson Pagaduan
5 minutes	Q&A
5 minutes	Paper 8: Predictive Analytics and Decision Making in Climate Infrastructure Solutions Author: Eugene Chao
5 minutes	Q&A
5 minutes	Paper 9: Assessing the Effectiveness of Infrastructure Investment in Central Asia: Evidence from Uzbekistan Authors: Umid Abidhadjaev, Shakhrukh Bobojanov
5 minutes	Q&A
10 minutes	Open Q&A