

## International Symposium on “Mainstreaming Quality of Life in Evaluation of Transport and Spatial Planning”

**Date and Time:** Apr 19<sup>th</sup>, 2021, 4:45 PM to 8:30 PM, Japan Standard Time  
(08:45 AM to 12:30 PM, BST) (09:45 AM to 1:30 PM, CET)

### Organizers:

- Chubu University
- Asian Development Bank Institute (ADBI)

### Supporting Bodies:

- Japanese Ministry of Land, Infrastructure, Transport and Tourism (MLIT)
- World Conference on Transport Research Society (WCTRS) SIG-A4 & SIG-F3
- The Japanese Association of The Club of Rome
- Chubu Region SDGs Platform

**Objectives:** The objective of this policy dialogue session is to facilitate knowledge exchange between experts from different countries in the Quality of Life method for evaluating road transport.

**Description:** Cost-Benefit Analysis (CBA) was first introduced for systematic evaluation of motorway project in UK in the 1960s, considering travel time and cost and accident damage cost. Having passed fifty years since then, there have been raised various factors to influence the benefit and cost of projects, including environmental damages, comfort of travel, workspace environment and accessibility to various socio-economic services. Moving beyond the CBA evaluation, the Quality of Life (QOL) method measures an individual’s happiness against society’s burden and facilitates the appraisal of transport infrastructure investment with a performance-based evaluation system. Such an integrated method would aid in developing policies and eventually, the achievement of the Sustainable Development Goals (SDGs).<sup>1</sup>

Chubu University, led by Professor Yoshitsugu Hayashi, has conducted a three-year research project on the evaluation of road transport projects by QOL method funded by Japan’s Ministry of Land, Infrastructure, Transport and Tourism (MLIT). In 2019, the research team visited

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<sup>1</sup> Hayashi, Y, Seetha Ram, K.E., Bharule, S. (2020). Evaluation of Transport Infrastructure Impacts and their Implications for Quality of Life. In: Hayashi, Y, Seetha Ram, K.E., Bharule, S (eds): Handbook on High-Speed Rail and Quality of Life. pp. 527-539. <https://www.adb.org/sites/default/files/publication/571691/adb-handbook-high-speed-rail-quality-life.pdf#page=552>



Tentative Agenda as of 15 April 2021

experts Werner Rothengatter, Yves Crozet and Roger Vickerman to investigate transport (road and rail, urban and inter-city) project evaluation in major European countries.

The symposium will cover, the new methods of evaluations and their application cases, the background philosophies and theories in UK, Germany, France and Japan are presented and discussed under the framework of wider economic benefit, quality of life and SDGs.

**Language:** English, Japanese

Time	Description
16:30 - 16:45 (JST)	<b>Login opens and pre-event chat</b>
16:45 - 16:50 (JST)	<b>Welcome Speech</b> <b>Yoshimi Takeuchi</b> President, Chubu University, Japan
16:50 - 16:55 (JST)	<b>Opening Remarks</b> <b>Prof. Tetsushi Sonobe</b> Dean and CEO, Asian Development Bank Institute (ADBI), Japan
16:55 - 17:00 (JST)	<b>Introduction to Symposium by Symposium Chair</b> <b>Prof. Yoshitsugu Hayashi</b> Distinguished Professor, Chubu University, Japan
	<b>Session 1: Historical Changes and Alternative Approaches to Project Evaluation in Europe and Japan</b> Chaired by Professor Hayashi
17:00 - 17:20 (JST)	<b>From Wider Impacts to Transformational Impacts: The Developing UK Agenda for Major Projects</b> Prof. Roger Vickerman, Emeritus Professor, University of Kent, United Kingdom
17:20 – 17:25 (JST)	<b>Q&amp;A</b>
17:25 - 17:45 (JST)	<b>Wider Economic Impacts - Planning Process in Germany</b> Prof. Dr. Werner Rothengatter, Emeritus Professor, Karlsruhe Institute of Technology, Germany
17:45 – 17:50 (JST)	<b>Q&amp;A</b>
17:50 - 18:10 (JST)	<b>Appraisal Methodologies and Urban Transport Investments in France: Toward an “Accessibility Turn”</b> Prof. Yves Crozet, Emeritus Professor, LET, University of Lyon II, France
18:10 – 18:15 (JST)	<b>Q&amp;A</b>
18:15 - 18:25 (JST)	<b>Evaluation of Road Projects in Japan: Efforts to Evaluate Disaster Prevention</b> Mr. Mitsuhiro Yao, Road Bureau, Ministry of Land, Infrastructure, Transport and Tourism, Japan
18:25 – 18:35 (JST)	<b>Q&amp;A / short discussion</b>
18:35 - 18:50 (JST)	<b>Coffee Break</b>
	<b>Session 2: QOL Accessibility Approach</b> Chaired by Professor Junyi Zhang

18:50 – 19:10 (JST)	<b>QOL Accessibility Method + Case (Singapore, Nanjing, Indian HSR, COVID-19)</b> Prof. Yoshitsugu Hayashi, Distinguished Professor, Chubu University, Japan
19:10 – 19:20 (JST)	<b>QOL Accessibility Method Extension to Evaluate Transport Sector's Contribution for SDGs achievement</b> Dr. Hiroyuki Takeshita, Senior Assistant Professor, Chubu University, Japan
19:20 – 19:30 (JST)	<b>Japan Practice of QOL application to Motorways and Street Design</b> Dr. Hiroyoshi Morita, Senior Manager, Nippon Consultants Co.-Ltd., Japan
19:30 - 19:40 (JST)	<b>Applications of Individual QOL-Based Approach to Evaluation of Smart Shrinkage</b> Prof. Noriyasu Kachi, Associate Professor, Toyo University, Japan
19:40 – 19:50 (JST)	<b>Comments by James Leather</b> Chief of Transport Sector Group, Asian Development Bank
	<b>Session 3: Project Evaluation in Post COVID-19 Era</b>
19:50 – 20:25 (JST)	<p style="text-align: center;"><b>Panel Discussion (in 2 rounds)</b></p> <p><b>Coordinator:</b> K.E. Seetha Ram, Senior Consulting Specialist, ADBI</p> <p style="text-align: center;"><b>Round 1: Implications for Post-COVID Era</b>  <b>Opening comments by Prof. Junyi Zhang (7 min)</b>          Professor, Hiroshima University, Japan  <b>Panel Discussion (13 min)</b></p> <p style="text-align: center;"><b>Round 2: Implications for Developing Countries</b>  <b>Panel Discussion (15 min)</b></p> <p style="text-align: center;"><b>Invited Panelists:</b></p> <p>Prof. Yoshitsugu Hayashi, Distinguished Professor, Chubu University, Japan</p> <p>Prof. Roger Vickerman, Emeritus Professor, University of Kent, United Kingdom</p> <p>Prof. Yves Crozet, Emeritus Professor, LET, University of Lyon II, France</p> <p>Mr. Mitsuhiro Yao, Road Bureau, Ministry of Land, Infrastructure, Transport and Tourism, Japan</p> <p>Dr. Werner Rothengatter, Emeritus Professor, Karlsruhe Institute of Technology, Germany</p>
20:25 - 20:30 (JST)	<p style="text-align: center;"><b>Closing Remarks</b></p> <p style="text-align: center;">Prof. Dr. Werner Rothengatter          Emeritus Professor, Karlsruhe Institute of Technology, Germany</p>