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[Scopus](#) ; [Web of Science](#) ; [ORCiD](#) ; [Google Scholar](#)

RESEARCH INTERESTS

- Transport Policy
- Socioeconomic Impact Investigation
- Transport Connectivity & Accessibility
- Sustainable and Inclusive Transport
- Regional and Urban Studies
- Infrastructure

EDUCATION

- 2021 **Ph.D., Civil Engineering**, University of Tokyo, Japan
 2018 **M.S., Civil Engineering**, Indian Institute of Technology (IIT) Kanpur, India
 2015 **B.Eng., Civil Engineering**, University of Technology of Madhya Pradesh, India

EXPERIENCE

- 2024-Present **Assistant Professor**, Department of Civil & Infrastructure Engineering
 Asian Institute of Technology, Thailand
- 2022-2024 **Research Fellow**, Engineering Systems and Design Pillar & SUTD Growth Plan – Aviation
 Singapore University of Technology and Design, Singapore
- 2021-2022 **Postdoctoral Researcher**, Department of Civil Engineering
 University of Tokyo, Japan
- 2020-2022 **Research Associate**, Capacity Building and Training Department
 Asian Development Bank (ADB) Institute, Japan
- 2018-2020 **Teaching Fellow**
 University of Tokyo, Japan

SELECT PUBLICATIONS

1. **Bhatt, A.**, Kato, H., and Kurosaki, F. 2024. Chapter 2: High Speed Railway Development in Japan. *In: Handbook for Transport in Asia (ed. by He Sylvia)*. Edward Elgar Publishing, United Kingdom. [Inpress/Forthcoming]
2. Miwa, N., **Bhatt, A.**, and Kato, H. 2022. High-speed rail development and regional inequalities: Evidence from Japan. *Transportation Research Record: Journal of the Transportation Research Board*, 2676(7), pp. 363–378. <https://doi.org/10.1177/03611981221078566>
3. Miwa, N., **Bhatt, A.**, Morikawa, S., and Kato, H. 2022., High-speed rail and knowledge economy: Evidence from Japan. *Transportation Research Part A: Policy and Practice*, 159, pp. 398-416. <https://doi.org/10.1016/j.tra.2022.01.019>
4. **Bhatt, A.**, and Kato, H. 2021., High-speed rails and knowledge productivity: A global perspective. *Transport Policy*, 101, pp.174-186. <https://doi.org/10.1016/j.tranpol.2020.12.006>
5. Komikado, H., Morikawa, S., **Bhatt, A.**, and Kato, H. 2021., High speed rail, inter-regional accessibility, and regional innovation: Evidence from Japan. *Technological Forecasting and Social Change*, 167, pp. 120697. <https://doi.org/10.1016/j.techfore.2021.120697>
6. Rothengatter, W. and **Bhatt, A.** 2021, Wider economic impacts and quality of life implications of transport infrastructure. In: *Frontiers in High-Speed Rail Development* (eds. by Hayashi, Y., Rothengatter, W., Seetha Ram, K.E.). ADB Institute Press, Tokyo, Japan. pp. 127-132.
7. **Bhatt, A.**, Vasudevan, V., and Misra, S. 2019. Internal benchmarking of inter-city public bus operators in India. *Asian Transport Studies*, 5(5), pp. 767-783. <https://doi.org/10.11175/eastsats.5.767>
8. Vasudevan, V., Misra, S., Chakrobarti, T., Behera, P.K., **Bhatt, A.** and Lal, B. 2020. Direct and indirect employment generated from highway construction in India. Conference paper for Transportation Research Board (TRB) 99th Annual Meeting, Washington D.C., USA, January 2020.
9. **Bhatt, A.**, Vasudevan, V., Misra, S. and Kalkal, K. (2019), Framework to Study the Comparative Performance

of Public Bus Transport Operators - An Illustration using Indian Data, *Transportation Research Board (TRB) 98th Annual Meeting*, Washington D.C. (USA), January 2019.

SELECT PRESENTATIONS

1. **“Universal Basic Mobility – Concept and Relevance for Transport Equity in Asia-Pacific”**. *Regional Meeting on Enhancing Social Inclusion and Innovations in Urban Transport Systems in Asia-Pacific Cities*, Economic and Social Commission for Asia and the Pacific (UN-ESCAP), Bangkok (Thailand). 18th June 2024 [together with Cheah, L.]
2. **“The impact of transport systems on urban metabolism”**. *1st International Conference on Urban Science and Sustainability*, Xiamen (China), 14th-17th December 2023 [together with Raichur, S.S. and Cheah, L.]
3. **“Technology Needs for Transport Policy”**, Discussant's Remark at the *Webinar on Innovation in the Transport Sector – Start-Ups and Digital Technologies as Drivers*, ADB Institute, Tokyo (Japan). 21st November 2023.
4. **“High-Speed Rails and Knowledge Production”**, Session on Wider Economic Impacts of Transportation Infrastructure Development, *ADB Institute-Chubu University Conference on Transport Infrastructure Development, Spillover Effects and Quality of Life*, Nagoya (Japan). 15th October 2020. [together with Kato, H.]

MEMBERSHIPS & SERVICE

2024-Present	Member of the Eastern Asia Society for Transportation Studies (EASTS) International Research Group on High Speed Rail Development in Asia (proposed).
2021-Present	Referee service for Singapore Economic Review, Networks and Spatial Economics, Asian Transport Studies, Transportation in Developing Economies, PLOS ONE, Transportation Research Board, World Conference on Transportation Research Society (WCTRS), and ADBI Policy Briefs.
2022	Coordinator of workshop – “ <i>Scientific Assessment and Planning of High Speed Railway Corridors in India</i> ”, National High-Speed Rail Corporation Limited, India.
2020-2021	Secretariat for “ <i>Conference on Transport Infrastructure Development, Spillover Effects and Quality of Life, Nagoya (Japan)</i> ” and publication of subsequent proceedings in an edited volume.
2020	Secretariat of 3-part ADBI-WCTRS Webinar Series on High-Speed Railway Development.
2019-Present	Member of the WCTRS Special Interest Group A-4: High-Speed Rail: Policy, Investment & Impact.

AWARDS

2018	The University of Tokyo-IIT Graduate Scholarship for Pursuing Ph.D.
2017	Academic Excellence Award at IIT Kanpur, India, for Securing the First Position in MS-Research Program of the Department of Civil Engineering
2018	Recognition by the Dean of Students' Affairs, IIT Kanpur, India, for Volunteering at the Institute Counselling Service

ACADEMIC/RESEARCH SUPERVISION

1. Imran Khan, MEng. (AIT), 2025 Expected
2. Harish Saud, MEng. (AIT), 2025 Expected
3. Ampaka Chaiket, MEng. (AIT), 2025 Expected
4. Seerana Paowasant, MEng. (AIT), 2025 Expected

TEACHING

Asian Institute of Technology, Thailand (Instructor)

Aug-Nov 2024	Transportation Demand Modelling and Forecasting , Department of Civil & Infrastructure Engineering
Aug-Nov 2024	Transportation Planning Methods and Analysis , Department of Civil & Infrastructure Engineering

Singapore University of Technology and Design, Singapore (Co-Instructor)

Mar 2023

Transport Technology and Policy in Urban Progress – Week 9 on High-Speed Railway and Urban Agglomeration (*Co-Instructed with Murakami, J.*), Master of Science in Urban Science, Policy, and Planning & Humanities, Arts, and Social Sciences Cluster

The University of Tokyo, Japan (Teaching Fellow/Assistant)

Oct- Jan 2018/19 & 2019/20

Case Studies of International Projects, Department of Civil Engineering

Apr-Jul 2019

Global Education for Innovation and Leadership – Independent Research Phase-1, Centre for the Development of Global Leadership Education

Oct- Jan 2018/19

Design of Infrastructure Projects in Developing Countries, Department of Civil Engineering

Indian Institute of Technology Kanpur, India (Teaching Assistant)

Jan-Apr 2018

Infrastructure Finance, Department of Civil Engineering

Aug-Nov 2017

Infrastructure Asset Management, Department of Civil Engineering

Jan-Apr 2017

Construction Methods, Department of Civil Engineering