Oct 2026

Ayushman Bhatt, Ph.D.

Indian Citizen living in Thailand
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Scopus ; Web of Science ; ORCiD ; Google Scholar

RESEARCH INTERESTS

- Transportation Planning and Policy
- Infrastructure Economics
- Wider Socioeconomic Assessment
- Sustainable Infrastructure

EDUCATION

2021	**Ph.D., Civil Engineering**, The 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** Asian Institute of Technology (AIT), Thailand
2022-2024	**Research Fellow** Singapore University of Technology and Design, Singapore
2021-2022	**Postdoctoral Researcher** The University of Tokyo, Japan
2020-2022	**Research Associate** Asian Development Bank (ADB) Institute, Japan
2018-2020	**Teaching Fellow** The University of Tokyo, Japan

SELECT PUBLICATIONS

1. **Bhatt A,** Kato, H., and Kurosaki, F. 2025. High-speed rail development in Japan. In Handbook of Transport in Asia (Sylvia He, ed.)*, **Research Handbooks in Transport Studies***, Edward Elgar, London, pp 17-38. https://doi.org/10.4337/9781035309245.00007.
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*** (Hayashi, Y., Rothengatter, W., Seetha Ram, K.E., eds). ADB Institute Press, Tokyo, Japan. pp. 127-132.
7. Zhang, J., Hayashi, Y., Seetha Ram, K.E., **Bhatt, A.** and Wee, V.E.H., 2021, Impacts of COVID-19 on Transport and Logistics. *In**: Frontiers in High-Speed Rail Development** (Hayashi, Y., Rothengatter, W., Seetha Ram, K.E., eds.)*. ADB Institute Press, Tokyo, pp. 9-15.
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., 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.
10. **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, Conference paper for ***Transportation Research Board (TRB) 98th Annual Meeting*, Washington D.C. (USA)**, January 2019.

WORKING MANUSCRIPTS

1. Dalde, M., Paowasant S., Bhatt A., and Cheah L. (20??). Spatial Accessibility by Transit: A Case of Reaching Opportunities in Bangkok, Thailand. (Under *Major Revision / Sep 2026*).
2. Khan I. and Bhatt A. (20??). Assessing Comprehensive Resilience Of Road Transport Systems Across Districts In Pakistan. (*Under Major Revision / Oct 2026*).
3. Bhatt A., Bhattacharya S., and Kato H.(20??). High-Speed Rail Development and Industrial Innovation: Evidence from Manufacturing Sector of Japan. (*Under Internal Revision*).
4. Saud, H.S. and Bhatt, A. (20??). Assessing the Economic Impacts of Air Transport Development Through Nighttime Light Data: A Case Study of Bimstec Nations. (*Under Preparation*).
5. Hein, W.M., Bhatt, A., Kunnawee K., Chalermpong, S., Cheah, L. (20??). Evaluating the Impact of Urban Rail Transit on Carbon Dioxide Emission in Bangkok. (*Under Preparation*).

MEMBERSHIP & SERVICE

2026-Present	**Guest Co-Editor** of the Virtual Special Issue on "Planning Studies of High-speed". Asian Transport Studies Journal (*ESCI/Scopus/Impact Factor: 2.2*).
2025-2026	**Collaborator** for Sustainable-Infrastructure-Program-in-Asia (SIPA)'s Southeast Asia Training Seminars at AIT Centre for Global Challenges (in partnership with OECD and UNDP).
2024-Present	**Member and Coordinator** of the Eastern Asia Society for Transportation Studies (EASTS) International Research Group (IRG) on *High-Speed Rail Planning in Asia: An International Perspective*.
2021-Present	**Referee** for *Transportation Research Part A: Policy and Practice*, *Annals of Regional Science, Networks and Spatial Economics, Asian Transport Studies, Transportation in Developing Economies, Singapore Economic Review, PLOS ONE, Transportation Research Board, World Conference on Transportation Research (WCTR) Society, EASTS Conference, International Journal of BUILT, and ADB Institute Policy Briefs*.
2019-Present	**Member and Coordinator** of the World Conference on Transport Research (WCTR)Society*'s Special Interest Group A-4: High-Speed Rail: Policy, Investment, and Impact*.
2022	**Coordinator** of workshop – *"Scientific Assessment and Planning of High-Speed Railway Corridors in India"*, National High-Speed Rail Corporation Limited, India.
2020-2022	**Secretariat** for *"Conference on Transport Infrastructure Development, Spillover Effects and Quality of Life, Nagoya, Japan"* and publication of proceedings as an edited volume.

PROJECTS

Lakshmi and K E Seetharam Seed Research Fund. AIT Office of the President *(Role: Principal Investigator), 2026-2028. USD30000.*

ICRA Grant Scheme-A. Eastern Asia Society for Transportation Studies *(Role Co-Investigator), 2025-2027. USD10000.*

Transportation Policy Studies in the Asia-Pacific. AIT Research Initiation Fund (Role: *Principal Investigator*)**,** 2025-2026. *USD5000.*

Capacity Development for Mumbai-Ahmedabad High-Speed Railway. ADB Institute (*Role: Contractor*), *2020-2022. USD10000.*

AWARDS

2025	**Fellowship** for professional education on "Discrete Choice Analysis: Predicting Individual Behavior and Market Demand" (École Polytechnique Fédérale de Lausanne Switzerland)
2018	The University of Tokyo-IIT **Graduate Scholarship** for Pursuing Ph.D.
2018	Academic Excellence **Award** (M.S. in Civil Engineering) at IIT Kanpur, India
2017	Dean's **Recognition** for Volunteering at the Institute Counselling Service, IIT Kanpur, India

TEACHING

Asian Institute of Technology, Thailand (*as Instructor, 2024 – Present*)

- ***Transportation Economics and Project Evaluation***, Faculty of Civil & Environmental Engineering
- ***Transportation Demand Modelling and Forecasting***, Faculty of Civil & Environmental Engineering
- ***Transportation Planning Methods and Analysis****,* Faculty of Civil & Environmental Engineering

Singapore University of Technology and Design, Singapore (*as Co-Instructor,* Mar 2023)

- ***Transport Technology and Policy in Urban Progress*** (Week 9 on High-Speed Railway and Urban Economy), Humanities, Arts, and Social Science Cluster and Master of Science Program in Urban Science, Policy, and Planning

The University of Tokyo, Japan (*as Teaching Fellow, 2018 – 2020*)

- ***Global Education for Innovation and Leadership – Independent Research Phase 1*****,** Centre for the Development of Global Leadership Education (Oct-Jan 2018/19 & Oct-Jan 2019/20)
- ***Case Studies of International Projects***, Department of Civil Engineering (Apr-Jul 2019)
- ***Design of Infrastructure Projects in Developing Countries****,* Department of Civil Engineering (Oct- Jan 2018/19)

GRADUATE SUPERVISION (AIT)

1.	**Ph.D.**	*2030,* Expected/Ongoing,	Orawan Jantasuto
2.	**Ph.D.**	*2029,* Expected/Ongoing,	Mary Abegail Cadang
3.	**M. Eng.**	*2027,* Expected/Ongoing,	Patanin Ruttanapunyagorn
4.	**M. Eng.**	*2027,* Expected/Ongoing,	Phoo Htin
5.	**M. Eng.**	*2027,* Expected/Ongoing,	Jed Matthew Aguilar
6.	**Visiting Student from SPA, New Delhi**	2027, Expected/Ongoing,	Sagnik Bhattacharya
7.	**Visiting Student from NUT, Nagaoka**	2026, Expected/Ongoing	Daiki Ueno
8.	**Visiting Student from NUT, Nagaoka**	2026, Expected/Ongoing,	Miu Tanaka
9.	**M. Eng.**	*2026,* Graduated,	Wai Min Hein
10.	**M. Eng.**	*2026,* Graduated,	Md. Mohibullah
11.	**M. Eng.**	*2025*, Graduated,	Imran Khan
12.	**M. Eng.**	*2025*, Graduated,	Harish Saud
13.	**M. Eng.**	*2025*, Graduated,	Ampaka Chaiket
14.	**M. Eng.**	*2025*, Graduated,	Seerana Paowasant

Signature :

Date : 2 October 2026