

# Kazuki Motohashi

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## Current Position

Assistant Professor, Graduate School of Economics, Hitotsubashi University, 2024 - present

## Education

Ph.D. in Economics and Public Policy, Tufts University, 2023.

Master of Public Policy, The University of Tokyo, 2014.

Bachelor of Laws, The University of Tokyo, 2012.

## Research Fields

Environmental Economics, Development Economics, Health Economics


## Previous Positions

Specially Appointed Assistant Professor, Hitotsubashi Institute for Advanced Study, Hitotsubashi University, 2023-2024


Short-term Consultant, Environment, Natural Resources and Blue Economy Global Practice, The World Bank, Jun-Dec 2021

Researcher, Environment and Energy Division, Mitsubishi Research Institute, Inc., 2014-2018


## Publications

The Poverty Impacts of Labor Heat Stress in West Africa under a Warming Climate (with Wajiha Saeed, Iman Haqiqi, Qinqin Kong, Matthew Huber, Jonathan Buzan, Shun Chonabayashi, and Thomas Hertel), *Earth's Future* (2022), 10(11), e2022EF002777 

## Working Papers

Unintended Consequences of Sanitation Investment: Negative Externalities on Water Quality and Health in India (Revise and Resubmit at the *Journal of Development Economics*) 

The Impact of Municipal Mergers on Pollution Control: Evidence from River Pollution in Japan (with Michiyoshi Toya) 

Extreme Temperatures and Adaptive Health Investment: Evidence from Sanitation Behaviors in India 

Does Trade with Multinationals Induce Greener Production? Evidence from the Bangladesh Fashion Industry (with Kazi Iqbal, Moogdho Mahzab, and Haruka Takayama) 

Gendered and Distributional Impacts of Scaling Water Access: Evidence from Tap Water Policy in India (with Marc Jeuland and YuJung Lee) [🔗](#)

## Works in Progress

VIIRS and the Future of Night Lights Data in Economics (with Paul Brimble, Axel Ezimendi-Larrinaga, and Adam Storeygard)

The Holy Dip: Religion, River Pollution, and Health Consequences in India (with Moogdho Mahzab and Sheetal Sekhri)

Rural-Urban Migration, Structural Transformation, and Caste Discrimination in Village India (with Michael Neubauer and Shunsuke Tsuda)

Urban-Rural Sanitation Market and Child Mortality: Evidence from Interwar Tokyo (with Tatsuki Inoue)

Peer Effects and Misperceptions in Sanitation Use in Rural India (with Takeshi Fukasawa)

## Other Works

Governance of agricultural wastewater management in Japan and South Africa: a comparative institutional analysis (with Pyemo Afego, Ifedotun Victor Aina, Daiju Narita, and Djiby Racine Thiam), *Sustainable Water Resources Management* (2025), 11, 122 [🔗](#)

Reducing arctic black carbon emissions: Features of national regulatory systems as a key factor (with Daiju Narita), *Polar Science* (2024), 41, 101065 [🔗](#)

## Teaching Experience

International Development Economics II (graduate), Hitotsubashi University, Winter 2025

Introductory Seminar (undergraduate), Hitotsubashi University, Fall-Winter 2025

Introductory Microeconomics (undergraduate), Hitotsubashi University, Fall-Winter 2024/2025

Economic Development (undergraduate), Gakushuin University, Fall 2020

## Research Grants

Solutions and Advancements through Research for Water and Air, J-PAL (Co-PI), USD 10,000, 2025-2026

Grant-in-Aid for Early-Career Scientists, Japan Society for the Promotion of Science, JPY 4,810,000, 2024-2027

Project Research Program, Institute of Economic Research, Hitotsubashi University (Co-PI), JPY 500,000, 2024-2025

Bangladesh Transformative Economic Policy Programme, International Growth Centre (Co-PI), GBP 10,000, 2023-2024

Research Grant, Murata Science Foundation (Co-PI), JPY 2,960,000, 2022-2024

Research Grant, Murata Science Foundation, JPY 2,000,000, 2021-2022

Crowdfunding, academist, JPY 906,800, 2020-2021

## Scholarships, Honors and Awards

Neubauer Fellowship in Economics and Public Policy, 2018-2023

Moriguchi Prize, Institute of Social and Economic Research, Osaka University, 2022

Rotary Foundation Global Grant Scholarship, 2018-2020

Outstanding Student Award, Graduate School of Public Policy, University of Tokyo, 2014

## Seminars and Conference Presentations (including scheduled)

2026 International Symposium on Applied Economics (National Chengchi University).

2025 JEA Autumn Meeting, The University of Tokyo, Young JADE Conference.

2024 Keio University, J-TREE Regional Workshop, JADE Conference, Kyoto University, AERE Summer Conference, Kansai Labor Workshop, NBER Japan Project Meeting, JADE x JTREE Joint Workshop, International Colloquium of the Congolese Economists Circle.

2023 Annual Conference of the Japan Economy Network, WASH Economics Conference, LSE Environment Day, Fourth SANEM-World Bank North America Discussion Forum, AERE Summer Conference, JEA Autumn Meeting, SEEPS Annual Conference, Musashi University, Young JADE Conference, 4th Asian Workshop on Econometrics & Health Economics.

2022 Tufts EPP Workshop (virtual), JADE/GRIPS Development Workshop (virtual), JEA (Japanese Economic Association) Spring Meeting (virtual, poster), J-TREE (Japan-Tokyo Resource and Environmental Economics)/Aoyama Gakuin University, AAEA (Agricultural & Applied Economics Association) Annual Meeting (poster), AMES (Asia Meeting of the Econometric Society in East and South-East Asia), Camp Resources XXVIII, SWELL (Seminar in Water Economics onLLine, virtual), AMIE 2nd Workshop in Applied Microeconomics (virtual), Osaka University, Hitotsubashi University (virtual), EWMES (European Winter Meeting of the Econometric Society).

2021 SEEPS (Society for Environmental Economics and Policy Studies) Camp 2021 (virtual), Waseda University (virtual), AERE (Association of Environmental and Resource Economists) Summer Conference (virtual), Tufts EPP Workshop (virtual), NEUDC (The North East Universities Development Consortium) Conference (virtual).

2020 Young JADE (Japanese Association for Development Economics) Conference (virtual), Hitotsubashi University (virtual), Tufts EPP (Economics and Public Policy) Workshop (virtual).

## Refereeing

*Environment and Development Economics, Journal of African Economies, Journal of Environmental Economics and Management, Journal of Health Economics*

## Others

Citizenship: Japan

Languages: Japanese (native), English (fluent), Chinese (intermediate), French (basic)

Programming and Software Skills: Stata, R, LaTeX, Python, ArcGIS, QGIS