

Hongtao LI

Personal website: <https://hongtaoli-econ.github.io/>

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Research Interests

Macroeconomics, Economic Policy, Epidemiological Dynamics, and International Economics

Education Background

The University of Tokyo, Graduate School of Public Policy April 2021 - July 2026

Ph.D. Candidate in Public Policy: International Finance and Development

The University of Tokyo, Graduate School of Public Policy April 2019 - March 2021

Master of Public Policy, Economic Policy Program

Sun Yat-sen University, School of Mathematics August 2013 - June 2018

Bachelor of Science, Mathematics and Applied Mathematics

Employment

Kanto Gakuen University, Faculty of Economics June 2026 -

Appointed as Lecturer

Planned teaching courses: Finance, International Finance, Pandemic and the Economy

Teaching Experience

The University of Tokyo, Graduate School of Public Policy September 2022 - March 2025

Graduate Teaching Fellow (Instructor), Practice Session for Macroeconomics (Master Core)

The University of Tokyo, Graduate School of Public Policy September 2022 - March 2025

Graduate Teaching Assistant, Macroeconomics (Master Core) (Taught by Taisuke Nakata)

The University of Tokyo, Graduate School of Public Policy August 2020 - January 2021

Graduate Teaching Assistant, Mathematics for Public Policy (Taught by Makoto Kakinaka)

Relevant Position

The University of Tokyo April 2021 - March 2025

Research Assistant

Research project: Covid-19 and Output in Japan.

Under the supervision of Professor Taisuke Nakata, I worked on the analysis of the epidemiological macroeconomics model.

The University of Tokyo April 2021 - March 2022, April 2023 - March 2024

Research Assistant

Research project: Macro-SIR model analysis

WINGS-GSDM: World-leading Innovative Graduate Study Program on Global Leadership for Social Design and Management

Tongji University

September 2021 - December 2021

Research Assistant

Research project: Political Process and Transaction Cost.

Under the supervision of Professor Changrong LU, I worked on the estimation analysis.

Refereed Journal Publication

1. “Transportation Infrastructure and Trade” (with Han Zheng), *Japan and the World Economy*, volume 64, December 2022, 101162.

Working Paper

1. “Optimal Containment Policy with Private Protection” (**Job market paper**), *under review at Economic Modelling*.
2. “Lockdown Policy Rules with a Hospital Capacity Constraint” (with Taisuke Nakata, Hiroki Sakamoto, and Hiroyuki Uneya), *under review at Journal of the Japanese and International Economies*. CARF Working Paper No. CARF-F-620, Center for Advanced Research in Finance, the University of Tokyo, March 2026.
3. “Real-Time Covid-19 Projections in Tokyo: Lessons for Future Pandemics” (with Jianing Chu and Taisuke Nakata), CARF Working Paper No. CARF-F-623, Center for Advanced Research in Finance, the University of Tokyo, May 2026.

Fundings

1. Ministry of Education, Culture, Sports, Science and Technology, WINGS-GSDM Designing Future Society Fellowship Research Fund, Project Number 150201SP01, 2021 – 2024 (Stipend paid in 2021 and 2023; not paid in 2022 owing to residence abroad).

Awards

1. MEXT Honors Scholarship, JASSO, 2020.
2. Designing Future Society Fellowship: full scholarship, provided by Global Leadership Program for Social Design and Management, The University of Tokyo, JASSO, 2021 – 2024 (Stipend paid in 2021 and 2023; not paid in 2022 owing to residence abroad).

Presentation

1. September 2025: “Lockdown Policy Rules with a Hospital Capacity Constraint” (with Taisuke Nakata, Hiroki Sakamoto, and Hiroyuki Uneya), Research Workshop, “Recent Development in Pandemic Policy Research”, CiDER, Osaka University.
2. November 2025 (Invited speaker): Global Development & Governance Workshop Series, “International Public Policy”, Journal of International Economy and Global Governance.

Additional Information and Skills

Skills: MATLAB, STATA, Latex, Microsoft Office.

Language Ability: Cantonese (native), Mandarin (native), English (fluent), and Japanese (fluent).