Hirotaka Fukui

Email: 227e127e@gsuite.kobe-u.ac.jp   **Citizenship**: Japan

Research interests	International Macroeconomics, Emerging and Developing Countries' Economy

Education

Kobe University   Kobe, Japan

Ph.D. in Economics   April 2024 – Present
Mentors: Shigeto Kitano,

Kobe University   Kobe, Japan
MA in Economics   April 2022 – March 2024
Master Thesis: "The Transmission of Commodity Price Fluctuations to Emerging Economies: Cross-Country Analysis"
Mentors: Shigeto Kitano, Yoichi Matsubayashi, and Masahiko Shibamoto

Tokyo University of Foreign Studies   Tokyo, Japan
BA in Language and Area Studies   April 2018 – March 2022

Scholarships

Next-Generation Outstanding Doctoral Human Development Project through Co-creation in Different Fields in the Support for Pioneering Research Initiated by the Next Generation (SPRING) of the Japan Science and Technology Agency (JST)   2024-present

Publications

Teaching experience	**Teaching Assistant, Graduate School of Economics (Kobe University)**
	3Q 2024
	3E600: Macroeconomics I
	Teaching Assistant, Department of Economics (Kobe University)
	3Q and 4Q 2024
	3E368: Programming & Economic Analysis
	Teaching Assistant, Department of Economics (Kobe University)
	3Q and 4Q 2024
	3E329: Economic statistics
	Teaching Assistant, Department of Economics (Kobe University)
	1Q and 2Q 2024
	1E332: Econometrics
	Teaching Assistant, Graduate School of Economics (Kobe University)
	2Q 2023
	2E655: Energy Economics
Other Activities	**KOBE HPC Summer School**
	Cosponsored: Kobe University, University of Hyogo, and RIKEN Center for Computational Science, R-CCS.
	Periods: September 18-22, 2023.
	Activities Description: I acquired knowledge of basic parallel computing methods in OpenMP, MPI, and OpenACC for various parallel computations, such as thread parallel, process parallel, and accelerator offloading, which is necessary for developing parallel applications to utilize simulations on massively parallel supercomputers like 'Fugaku'.
	19th Macroeconomist Training Program
	Sponsored: IMF Regional Office for Asia and the Pacific in cooperation with JICA.
	Periods: January 10-12, 2024.
	Activities Description: Through lectures by former IMF economists and group work on simulated IMF economic reviews, I learned how the IMF uses financial programming and other economic analysis tools to analyze macroeconomic issues and make policy recommendations, country economic reviews, and loan programs.
Skills	**Programming**
	Proficient in: Matlab, Python, R, and Julia.
	Familiar with: C, and Fortran.

Languages

Japanese (fluent), English (advanced), French, Korean, and Spanish.