

Keita Abe

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ACADEMIC POSITIONS

Professor, Faculty of Economics, Keio University *April 2026–Present*

Professor, Faculty of Economics, Musashi University *April 2025–March 2026*

Associate Professor, Faculty of Economics, Musashi University *September 2022–March 2025*

Visiting Associate Professor, Faculty of Agriculture, Iwate University *April 2021–September 2025*

Postdoctoral Fellow, Centre for Applied Research at Norwegian School of Economics *August 2021–August 2022*

Postdoctoral Fellow, Department of Economics, Norwegian School of Economics (NHH) *August 2018–August 2021*

EDUCATION

Ph.D., Economics, University of Washington *2018*
Dissertation: “Essays on Dynamic Models of Harvester Behavior in Fisheries”
Advisor: Dr. Chris M. Anderson

M.A., Economics, University of Washington *2015*

M.A., Economics, University of British Columbia *2013*

M.S., Environmental Science, Hokkaido University *2012*
Thesis: “Analysis of a Possible Impact of Global Warming on Ishikari River Runoff by Sensitivity Experiments Using a Hydrological Model”
Advisors: Dr. Yasuhiro Yamanaka & Dr. Tomonori Sato

Exchange Study, University of Hawaii at Manoa *2011*

B.A., Policy Studies, Kwansei Gakuin University *2009*

RESEARCH FIELDS

Environmental and Resource Economics; Fisheries Economics; Applied Microeconometrics

PUBLICATIONS

** denotes corresponding author*

Peer-Reviewed Journal Articles

- [1] **Abe, K.**, T. Fujimoto, R. Kamiyama, S. Takemura, and Y. Sakai. 2025. “The Potential and Challenges of Multi-Species Individual Quota Management in Large- and Medium-Scale Purse Seine Fisheries.” *Nippon Suisan Gakkaishi*, 91(4): 352–361. [doi:10.2331/suisan.24-00041](https://doi.org/10.2331/suisan.24-00041)

- [2] **Abe, K.***, L. Nøstbakken, and M. F. Wold. 2024. “Quota Consolidation in Norwegian Coastal Fisheries.” *Environmental and Resource Economics*. doi:10.1007/s10640-024-00866-x
- [3] **Abe, K.***, F. Diekert, A. Melsom, and Ø. Langangen. 2024. “Do Fishers Follow Fish Displaced by Climate Warming?” *npj Ocean Sustainability*, 3(1). doi:10.1038/s44183-024-00063-9
- [4] Baba, S., G. Ishimura, **K. Abe**, K. Kanazawa, and T. Goto. 2023. “Problem of Data Quality and Collection Methods Associated with Fishery Activities: the Case of Iwate Tairyo Navi.” *Nippon Suisan Gakkaishi*, 89(3): 276–278. doi:10.2331/suisan.22-00061
- [5] Nakamura, K., **K. Abe**, and G. Ishimura. 2023. “A Multi-Species Catch Reduces Risk and Enhances Stability in the Fishery? Implications from a Portfolio Analysis of the Hokkaido Setnet Fishery.” *Fisheries Science*. doi:10.1007/s12562-022-01656-4
- [6] **Abe, K.***, C. M. Anderson, and M. N. Reimer. 2022. “Catch More to Catch Less: Estimating Timing Choice as Dynamic Bycatch Avoidance Behavior.” *Environmental and Resource Economics*. doi:10.1007/s10640-022-00699-6
- [7] **Abe, K.*** and C. M. Anderson. 2022. “A Dynamic Model of Endogenous Fishing Duration.” *Journal of the Association of Environmental and Resource Economists*, 9(3): 425–454. doi:10.1086/717726
- [8] Ishimura, G., **K. Abe**, K. Kanazawa, and T. Goto. 2022. “Exploring Economic Optimum Fishing Efforts: A Case of Japanese Swordfish Longline Fishery.” *Fisheries Science*, 88(2): 245–258. doi:10.1007/s12562-022-01587-0
- [9] **Abe, K.***, G. Ishimura, S. Baba, S. Yasui, and K. Nakamura. 2022. “Evaluating the Impact of COVID-19 on Ex-Vessel Prices Using Time-Series Analysis.” *Fisheries Science*, 88(1): 191–202. doi:10.1007/s12562-021-01574-x
- [10] **Abe, K.***, Y. Matsuki, G. Ishimura, and S. Managi. 2021. “Rent Distribution in an Ex-Vessel Auction Market of Fisheries.” *Marine Policy*, 133: 104771. doi:10.1016/j.marpol.2021.104771
- [11] Sumaila, U. R., D. J. Skerritt, A. Schuhbauer, . . . , **K. Abe**, . . . , and D. Zeller. 2021. “WTO Must Ban Harmful Fisheries Subsidies.” *Science*, 374(6567): 544. doi:10.1126/science.abm1680
- [12] Alizadeh Ashrafi, T. and **K. Abe***. 2021. “Intra- and Inter-Temporal Effort Allocation and Profit-Maximizing Strategy of Trawl Fishery.” *ICES Journal of Marine Science*, 78(8): 2943–2957. doi:10.1093/icesjms/fsab172
- [13] Teh, L. C. L., L. S. L. Teh, **K. Abe**, G. Ishimura, and R. Roman. 2020. “Small-Scale Fisheries in Developed Countries: Looking Beyond Developing Country Narratives through Japan’s Perspective.” *Marine Policy*, 122: 104274. doi:10.1016/j.marpol.2020.104274
- [14] Tokunaga, K., G. Ishimura, S. Iwata, **K. Abe**, K. Otsuka, K. Kleisner, and R. Fujita. 2019. “Alternative Outcomes under Different Fisheries Management Policies: A Bioeconomic Analysis of Japanese Fisheries.” *Marine Policy*, 108: 103646. doi:10.1016/j.marpol.2019.103646
- [15] **Abe, K.***, G. Ishimura, T. Tsurumi, S. Managi, and U. R. Sumaila. 2017. “Does Trade Openness Reduce a Domestic Fisheries Catch?” *Fisheries Science*, 83(6): 897–906. doi:10.1007/s12562-017-1130-0

GRANTS AND FELLOWSHIPS

- [1] Japan Society for the Promotion of Science (JSPS), Grant-in-Aid for Early-Career Scientists (#23K14027). “Cooperation for the Fisheries Management Reform: Information Sharing and Fishers’ Behavior.” 2023–2026. Principal Investigator. ¥ 4,680,000.
- [2] Japan Society for the Promotion of Science (JSPS), Grant-in-Aid for Challenging Research – Exploratory (#22K19219). “A Visualisation of Global Fisheries Resources Based on the Analysis of Satellite Data and Japan’s Unique Economic Transaction Data.” 2022–2025. Co-Investigator. ¥ 6,240,000.
- [3] Matsushita Konosuke Memorial Foundation (#19-G01). “Microeconomic Analysis of Firm Merger Effects in Post-Disaster Fisheries Restructuring.” 2019–2020. Principal Investigator.

SELECTED CONFERENCE PRESENTATIONS

- [1] “The Price of Coordination: Evaluating Welfare Effects of Landing Timing in Offshore Longline Fishery.” North American Association for Fisheries Economists (NAAFE), March 2025.
- [2] “From Race to Pace: Individual Quota Management and the Speed of Vessels.” International Institute for Fisheries Economics and Trade (IIFET) Conference, July 2024.
- [3] “Self-Selection into Individual Transferable Quota Management.” NAAFE Forum, May 2023.
- [4] “The Merger Effects of Fishing Firms under Non-ITQ Fishery: Implications for Fishery-Dependent Communities.” IIFET Conference, July 2022.
- [5] “Quota Consolidation in Norwegian Coastal Fisheries.” European Association of Environmental and Resource Economists (EAERE) Annual Conference, July 2022.
- [6] “Bargaining Power, Competition, and Location Choice in the Resource Harvesting Sector.” NAAFE Forum, May 2019.
- [7] “Catch More to Catch Less: Estimation of Fishing Timing Choice as Bycatch Avoidance Behavior in the Bering Sea Pollock Fishery.” IIFET Conference, July 2018.
- [8] “Harvesters’ Dynamic Decision on Fishing Trip Length.” NAAFE Forum, May 2017. *Best Student Paper Award*.

TEACHING EXPERIENCE

Keio University

(courses forthcoming, from April 2026)

Musashi University

2022–2026

- Environmental Economics (1 & 2)
- Fisheries Economics
- Ocean Economy
- Economics Seminar (graduate supervision)

Norwegian School of Economics (NHH)

2019–2022

- Resource Economics
- Economics of Resource-Rich Countries
- The Economics of Aquaculture and Fisheries Management

University of Washington

2017

- Principles of Microeconomics (Teaching Assistant)
- Principles of Macroeconomics (Teaching Assistant)

HONORS AND AWARDS

Encouragement Award, Society of Environmental Economics and Policy Studies	2023
Paper Award (<i>Evaluating the Impact of COVID-19 on Ex-Vessel Prices</i>), Japanese Society of Fisheries Science	2022
Best Student Paper Award (<i>Harvesters' Dynamic Decision on Fishing Trip Length</i>), North American Association for Fisheries Economists	2017

PROFESSIONAL SERVICE

Editorial

- Associate Editor, *Marine Resource Economics* (2025–)

Seminar Organization

- Organizer, Japan-Tokyo Resource and Environmental Economics (J-TREE) Seminar Series (2022–)

Conference Committees (Society of Environmental Economics and Policy Studies)

- Conference Organizing Committee (2024–2025)
- Program Committee (2022–2024)

PROFESSIONAL MEMBERSHIPS

North American Association for Fisheries Economists (2016–)
 International Institute for Fisheries Economics and Trade (2016–)
 Japanese Society of Fisheries Science (2023–)
 Society of Environmental Economics and Policy Studies (2023–)
 Japanese Society of Fisheries Oceanography (2020–)