

DAIKI TOMOJIRI

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Research Institute for Humanity and Nature (RIHN)
Center for Southeast Asian Area Studies, Kyoto University (CSEAS)

CURRENT POSITION

Research Institute for Humanity and Nature	Kyoto, Japan
Postdoctoral Researcher	April 2022 – Present
Center for Southeast Asian Area Studies, Kyoto University	Kyoto, Japan
Affiliate Researcher, Division of Environmental Coexistence	November 2019 – Present

EDUCATION

Kyoto University	Kyoto, Japan
PhD, Area Studies	March 2020
<ul style="list-style-type: none">• Research Interests: invasion biology, aquatic ecosystems, deltaic environment, ecosystem services/disservices, novel ecosystem• Dissertation: "Transformation of the Ecosystem and Fish Resource Use through Introduction of Non-Native Cichlid Fishes in the Lowermost Chao Phraya River Basin, Thailand"	
MA, Area Studies	March 2017
Kindai University	Osaka, Japan
BS, Agricultural Science	March 2014

AWARDED GRANTS AND SCHOLARSHIPS

Tobitate Japan Exchange Program, Ministry of Education, Culture, Sports, Science and Technology (MEXT) Oct 2017 - Apr 2018

Overseas Fellowship, Heiwa Nakajima Foundation (HNF) Apr 2015 - Apr 2016

Super Global School Program, JASSO Dec 2014 - Feb 2015

Explorer Program, Japan Student Services Organization (JASSO) Aug 2014 - Oct 2014

ONGOING RESEARCH

- "Quantitative analysis of invasive alien species occurring on Twitter in Japan and topic identification by using latent Dirichlet allocation." manuscript in progress, to be submitted for publication in summer 2022.
- "Meta-analysis of multiple impacts of human activities on functional diversity in aquatic ecosystems" data analysis in progress.

- "Evaluation of the potential ecological impact of alien Peacock Bass (*Cichla orinocensis*) in Rayon, Thailand by integrating stomach contents analysis and stable isotope analysis." manuscript in progress.
- "Interview survey of local people recognition and attitude toward exotic species established a surrounding watershed environment in Rayong Province, Thailand." data analysis in progress.

PEER-REVIEWED PUBLICATIONS

Daiki Tomojiri, Kosuke Takaya and Takeshi Ise (2022) Temporal trends and spatial distribution of research topics in anthropogenic marine debris study: topic modelling using latent Dirichlet allocation. *Marine Pollution Bulletin* 182: 113917.

Daiki Tomojiri, Prachya Musikasinthorn and Akihisa Iwata (2021) Utilization and economic importance of native and non-native freshwater fishes in the lowermost Chao Phraya River Basin, Thailand. *Wildlife and Human Society* 9: 35-56. (written in Japanese)

Akira Sai, Takuro Furusawa, Mohd Yusof Othman, **Daiki Tomojiri**, Wan Fatihah Wan Zaini, Charlene Sze Yunn Tan, Nur Izzati Binti Mohamad Norzilan (2020) Sociocultural factors affecting drive for muscularity among male college students in Malaysia. *Heliyon*: e044141.

Daiki Tomojiri, Prachya Musikasinthorn and Akihisa Iwata (2019) Food habits of three non-native cichlid fishes in the lowermost Chao Phraya River basin, Thailand. *Journal of Freshwater Ecology* 34(1): 419-432.

Akira Sai, Mohd Yusof Othman, Wan Fatihah Zaimah Wan Zaini, Charlene Sze Yunn Tan, Nur Izatti Mohamad Norzilan, **Daiki Tomojiri**, Takuro Furusawa (2018) Factors affecting body image perceptions of female college students in urban Malaysia. *Obesity Medicine* 11: 13-19.

PARTICIPATED DISCUSSIONS

- "Dietary habits of non-native cichlid fishes and their use by local people in the lower Chao Phraya River basin, central Thailand", Faculty of Fisheries, Kasetsart University, Bangkok, Thailand (Oct 2018)

INTERNATIONAL RESEARCH

- Fieldwork for the LINKAGE project in the Ryukyu Islands (June 2022)
- Fieldwork for the Nippon Foundation in the Setouchi region, Japan (Several times in 2021)
- Fieldwork for JSPS in the Mekong River Delta, Vietnam (August 2017)
- PhD fieldwork in the Chao Phraya River Delta, Thailand (24 months; August 2014 through February 2018)
- Undergraduate fieldwork and data collection for DNA analysis in Lake Biwa, Japan (April 2013 to October 2013)

SKILLS

- Moderate skills in the statistical analysis of ecological data with R and Python
- Data science skills including statistical modelling, text mining, and the development of a deep learning model
- Basic use of Geographic Information Systems and related software (QGIS)

- Advanced Japanese and intermediate Thai
- Stomach contents analysis and stable isotope analysis
- Identification of fish species in Japan and around the Indochina peninsula (particularly in the Mekong and Chao Phraya River Basin)

SERVICE AND AFFILIATIONS

- Reviewer, *Heliyon*
- Affiliate researcher, Center for Southeast Asian Area Studies (CSEAS), Kyoto University (2019 - Current)
- Member, Association for Tropical Biology and Conservation (ATBC), The Ecological Society of Japan (ESJ) and Association of Wildlife and Human Society (AWHS)
- Technical supporting staff in project "Biodiversity-driven nutrient cycling and human well-being in social-ecological systems", Research Institute for Humanity and Nature

RELATED PROFESSIONAL EXPERIENCE

Research Institute for Humanity and Nature Kyoto, Japan

Technical Supporting Staff 2019 – 2020

- Assisted sample preparation for analysis of phosphate oxygen isotope ratios in river water.

Kyoto University Kyoto, Japan

Research Assistant 2015 – 2018

- Supported GPS data processing using GIS software, fish collection and identification, plant identification and every tree measurement in Ashiu forest research station.

Teaching Assistant 2015 – 2017

- Assisted in the preparation and execution of a weekly class lecture.

United Nations ESCAP Bangkok, Thailand

Intern December 2017 – February 2018

- Conducted research on ecological cities and urban sustainable development in the Asia Pacific region.
- Drafted regional report on the Sustainable Development Goals (SDGs).