**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

* 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, Kasetsert 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).