

KEITA ABE

I am an applied microeconomist working on natural resource management and resource economics.

RESEARCH POSITIONS

2021

Postdoctoral Fellow

Center for Applied Research (SNF) at NHH

📍 Bergen, Norway

2021
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2018

Postdoctoral Fellow

Department of Economics, Norwegian School of Economics

📍 Bergen, Norway

2017

Research Fellow

Faculty of Agriculture, Iwate University

📍 Morioka, Iwate, Japan

- Project collaborating with Environmental Defense Fund: "Successful Cases in Japanese Fisheries"

2016
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2014

Research Assistant

School of Aquatic and Fisheries Science, University of Washington

📍 Seattle, WA, USA

- Project "Modeling Biological and Economic Implications of Layered Management Measures for Bering Sea Groundfish fisheries"

2012
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2009

Research Associate

Center for Sustainability Science, Hokkaido University

📍 Sapporo, Hokkaido, Japan

EDUCATION

2018
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2015

Ph.D., Economics

University of Washington

📍 Seattle, WA, USA

- Dissertation: "Essays on Dynamic Models of Harvester Behavior in Fisheries"
- Advisor: Dr. Chris M. Anderson

2015
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2013

M.A. Economics

University of Washington

📍 Seattle, WA, USA

- Course-based

2013
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2012

M.A. Economics

University of British Columbia

📍 Vancouver, BC, Canada

- Course-based



CENTRE FOR APPLIED RESEARCH AT NHH

View this CV online with links at
<https://keita43a.github.io/cv/>

CONTACT

- ✉ keita.abe@snf.no
🐦 [katten22_en](#)
🔗 [github.com/keita43a](#)
🔗 <https://keita43a.github.io/>
🔗 [linkedin.com/in/keita-abe/](#)

SKILLS

- R
Stata
Fortran90
Python
MS Access
ArcGIS

LANGUAGE

- Japanese
English
Norwegian
Made with the R package
[pagedown](#).

I built this cv based on the
source code available at
github.com/hstrayer/cv.

Last updated on 2021-09-10.

2012
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2009

MES Environmental Science

Hokkaido University

📍 Sapporo, Hokkaido, Japan

- Master's Thesis: "Analysis of a possible impact of global warming on Ishikari River runoff by sensitivity experiments using a hydrological model"
- Diploma for Sustainability Science from Center for Sustainability Science (CenSuS)

2011
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2010

Exchange Study

University of Hawaii at Manoa

📍 Honolulu, HI, USA

2009
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2005

B.A. Policy Studies

Kwansei Gakuin University

📍 Sanda, Hyogo, Japan



TEACHING EXPERIENCE

2021
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2019

ECO439 Resource Economics

Norwegian School of Economics

📍 Bergen, Norway

- Lecturer
- Course Description⁷
- Master-level class

2021

ECN429 The Economics of Aquaculture and Fisheries Management

Norwegian School of Economics

📍 Bergen, Norway

- Lecturer
- Course Description²
- Master-level class

2021
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2020

SAM20 The Economics of Resource Rich Countries

Norwegian School of Economics

📍 Bergen, Norway

- Lecturer
- Course Description³
- Undergraduate

2018
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2017

ECON200 Introduction to Microeconomics

University of Washington

📍 Seattle, WA, USA

- Lecturer
- Lower undergraduate class

I am passionate about teaching. My classes covers fundamental economics theory and theory for natural resource economics, but also empirical analyses and their methods.

2018 2017	ECON201 Introduction to Macroeconomics University of Washington • Lecturer • Lower undergraduate class	📍 Seattle, WA, USA
2018 2015	Human and the Marine Environment University of Washington • TA • A short summer course. Lecture + field course for visiting undergraduate students from Hokkaido University.	📍 San Juan Island, WA, USA
2016	ECON200 Introduction to Microeconomics University of Washington • TA • Lower undergraduate class	📍 Seattle, WA, USA
2016	ECON201 Introduction to Macroeconomics University of Washington • TA • Lower undergraduate class	📍 Seattle, WA, USA
2013	ECON371 Economics of the Environment Vancouver School of Economics, University of British Columbia • TA • Upper undergraduate class	📍 Vancouver, BC, Canada
2013	ECON371 Cost Benefit Analysis Vancouver School of Economics, University of British Columbia • TA • Upper undergraduate class	📍 Vancouver, BC, Canada
	PUBLICATIONS	
2021	A dynamic model of endogenous fishing duration Journal of the Association of Environmental and Resource Economists (forthcoming) • With Chris M. Anderson	My primary field is fisheries, focusing on fisher behavior and effects of management policies.
2021	Rent distribution in an ex-vessel auction market of fisheries Marine Policy (133) • With Yusuke Matsuki, Gakushi Ishimura & Shunsuke Managi	

2021	Intra- and inter-temporal effort allocation and profit-maximizing strategy of trawl fishery ICES Journal of Marine Science · with Tannaz Alizadeh Ashrafi
2020	Small-scale fisheries in developed countries: Looking beyond developing country narratives through Japan's perspective Marine Policy (122) · with Lydia C.L.Teh, Louise S.L.Teh, Gakushi Ishimura, Raphael Roman
2019	Alternative outcomes under different fisheries management policies: A bioeconomic analysis of Japanese fisheries Marine Policy (108) · with Kanae Tokunaga, Gakushi, Ishimura, Shigehide Iwata, Kazuhiko Otsuka, Kristin Kleisner & Rod Fujita
2017	Does trade openness reduce domestic fisheries catch? Fisheries Science, (83),4, pp.1-10 · with Gakushi Ishimura, Tetsuya Tsurumi, Shunsuke Managi & Ussif Rashid Sumaila .



WORKING PAPERS

2021	Catch more to catch less: Estimation of fishing timing choice as bycatch avoidance behavior in the case of Alaskan Pollock fishery Under Review · With Chris M. Anderson & Matthew N. Reimer
2021	Exploring optimum economic efficiency of fishing: Shall we move from the convention? Under Review · With Gakushi Ishimura
2021	Spatio-temporal diversification and stabilization dynamics of multispecies marine fishery portfolios: a historical analysis across Japan Under Review · with Raphael K. Roman & Gakushi Ishimura
2021	Evaluating the impact of COVID-19 on ex-vessel prices using time series analysis Under Review · with Gakushi Ishimura, Shinya Baba, Shota Yasui and Kosuke Nakamura



WORK IN PROGRESS

Quota Consolidation in Norwegian Coastal Fisheries

- with Mads F. Wold and Linda Nøstbakken

Stubborn fishers

- with Florian Diekert and Øystein Langangen

Auction or Contract: Market Scheme in Fisheries Sales Organization

- with Corbett Grainger

How much has COVID-19 affected the ex-vessel price? Application of time series analysis for impact evaluation

- with Shinya Baba, Gakushi Ishimura, Kosuke Nakamura, Shota Yasui, Kazuhiko Otsuka



RESEARCH FUNDING

2021
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2019

“Replacing Longline Observers with AI: Feasibility Study”

Global Fishing Watch

- Co-PI
- 61,490 USD
- PI: Gakushi Ishimura

2020
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2019

“Microeconomic empirical study of the merger effect in fisheries after East Japan Great Earthquake”

K. Matsushita Foundation

- PI
- 500,000 JPY

2019
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2017

“Exploring rebuilding policy for resilient fisheries based on recovery experience from East Japan Great Earthquake”

AGC Foundation

- Co-PI
- 1,000,000 JPY
- PI: Gakushi Ishimura

AWARDS

2017	Best Student Paper Award, North American Association for Fisheries Economics	 La Paz, Mexico
· For the paper "A dynamic model of fishing cruise duration"		
2009	Kwansei Gakuin School of Policy Studies Award	 Sanda, Hyogo, Japan
· Top 10 grade		
2008	Kwansei Gakuin School of Policy Studies Kojima Award	 Sanda, Hyogo, Japan
· Thesis prize of encouragement of the year: "Analysis of Environmental Policy in Japan"		

FELLOWSHIPS AND SCHOLARSHIPS

2017	Conley Fellowship Department of Economics, University of Washington
2012	ITO foundation for International Education Exchange
	· ITO Foundation ⁴
2012	UBC international tuition scholarship
2010	Clark Foundation Scholarship
	· Hokkaido University Scholarship for International exchange study
2010	East West Center Student Affiliate Program
2008	Kwansei Gakuin Alumni scholarship

WORKSHOPS

2019	Asia-Pacific Learning Network workshop for Small Scale Fisheries	 Tokyo, Japan
· Workshop to build international collaboration among Asia-Pacific countries organized by Fisheries Solution Center at EDF		
· Link ⁵		

2016	Marine Stewardship Council (MSC) Workshop	 London, UK
	<ul style="list-style-type: none">• 'Evaluating socio-economic impact of MSC certification"	
2011	Science & Technology Leadership Association (STeLA)	 Stanford, CA, USA
	<ul style="list-style-type: none">• Leadership Forum. Participant in 2011• STeLA Leadership Forum⁶	

LINKS

- 1: <https://www.nhh.no/en/courses/resource-economics/>
- 2: <https://www.nhh.no/en/courses/the-economics-of-aquaculture-and-fisheries-management/>
- 3: <https://www.nhh.no/en/courses/the-economics-of-resource-rich-countries/>
- 4: <http://www2.itofound.or.jp/>
- 5: <http://blogs.edf.org/edfish/2020/01/09/building-a-model-for-collaboration-and-exchange-in-the-asia-pacific-region/>
- 6: <https://www.stela-global.org/>