

Yutaro Sakai, PhD

Department of Global Agricultural Science
University of Tokyo
1-1-1 Yayoi, Bunkyo, Tokyo 113-8657, Japan
ytr.sakai@gmail.com, +81-(3)-5841-5018
<http://yutarosakai.site/>

Academic Appointments:

2017.7- Research Fellow, Department of Global Agricultural Science, University of Tokyo

Education:

2017 Ph.D. in Economics, University of Calgary (Graduation: Nov. 2017)
Committee: M. Scott Taylor (Supervisor), Daniel V. Gordon,
Arvind Magesan

2010 M.S. in Global Agricultural Science, University of Tokyo

2008 B.S. in Regional Economics and Resources Science, University of Tokyo

Teaching and Research Fields:

Environmental and Resource Economics, Health Economics, Econometrics

Working papers:

1. The Vaccination Kuznets Curve: Do Vaccination Rates Rise and Fall with Income?" (under review)
2. Income, Vaccination Decisions and the Vaccination Rate (under review)
3. Ex-vessel price formation of fish species with low and irregular harvests: The case for John dory in Mie Prefecture, Japan (in Japanese) (under review)

Research papers in Progress:

1. "Climate Change, Vaccination Leakage, and Border Control"
2. "The impact of temporary school closures on influenza epidemics"

Publication:

- 2017 “Subsidies, Fisheries Management and Stock Depletion” *Land Economics* 93(1): 165-178.
- 2017 “Empirical analysis of the distribution and consumption form and transmission of the price of marine products, focusing on tuna” (with Takahiro Matsui, Toru Nakajima, and Nobuyuki Yagi) *Nippon Suisan Gakkaishi*, 83(5), forthcoming. (in Japanese)”
- 2014 “Structural changes and imperfect competition in the supply chain of Japanese fisheries product markets” (with Toru Nakajima, Takahiro Matsui and Nobuyuki Yagi). *Fisheries Science* 80(6): 1337-1345. Best Paper Award at the Japanese Society of Fisheries Science 2014.
- 2014 “Kouritsusei Bunseki kara Kangaeru Gyogyokanri no Houkousei” [A note on the possible directions of fisheries management based on efficiency analyses]. In Tada M, Ro S, Ariji M, Matsui T and Harada S (Eds.), *Kawariyuku Nihongyogyo [Changing Japanese Fisheries]* (pp.279-287). Tokyo, Japan: Hokuto Shobo (in Japanese).
- 2014 “Methodology and Application of a Model to Estimate Fishery Resource Trends by Effort and Catch Data” (with Taro Oishi, Nobuyuki Yagi and Masahiko Ariji). *Journal of International Fisheries* 13: 1-12.
- 2014 “Structural changes and imperfect competition in the supply chain of Japanese fisheries product markets” (with Toru Nakajima, Takahiro Matsui and Nobuyuki Yagi). *Fisheries Science* 80(6): 1337-1345.
- 2012 “Tuna goes around the world on sushi” (with Hisashi Kurokura, Akira Takagi and Nobuyuki Yagi). *Aquaculture Economics & Management* 16(2): 155-166
- 2012 “The Technical Efficiency Analysis for Japanese Fishery: The Case for the Offshore Bottom Trawl Fishery in Hokkaido” (with Ken Mori and Nobuyuki Yagi). *Kokusai Gyogyo Kenkyu* 11: 101-119 (in Japanese).
- 2012 “Asymmetric price transmission in the Japanese seafood market” (with Toru Nakajima, Takahiro Matsui and Nobuyuki Yagi). *Nippon Suisan Gakkaishi* 78(3): 468-478 (in Japanese).
- 2011 “Structural Change and Price Transmission in Japanese Marine Products Market: The Case of Bluefin Tuna” (with Takahiro Matsui, Toru Nakajima and Nobuyuki Yagi). *Kokusai Gyogyo Kenkyu* 10: 1-13 (in Japanese).
- 2011 “Capturing Changes in Asymmetric Price Transmission: A Rolling Window TAR Estimation Using Bluefin Tuna Case Study” (with Toru Nakajima, Takahiro Matsui and Nobuyuki Yagi). *Journal of International Fisheries* 10: 1-18.
- 2010 “Econometric analysis of the factors contributing to the fish price increase in coastal TURFs in Japan: the case of the income pooling fishery for coastal shrimp “Sakuraebi *Sergia lucens*”” (with Takahiro Matsui, Nobuyuki Yagi, Yoshihito Senda and Hisashi Kurokura). *Fisheries Science* 76: 711-718.
- 2009 “Substitute and complement relations among various fish species in the Japanese market: implications for fishery resource management” (with Nobuyuki

Yagi, Masahiko Arij, Atsushi Takahara and Hisashi Kurokura). *Fisheries Science* 75: 1079-1087.

Awards:

- 2015 **Best Student Paper Award**, North American Association of Fisheries Economists
- 2014 Best Paper Award, Japanese Society of Fisheries Science
- 2014 Best Graduate Student Teaching Award, Department of Economics, U of Calgary
- 2010 Graduate School of Agricultural and Life Sciences the Dean Award for Academic Excellence, University of Tokyo

Grants, Scholarship and Fellowship:

- 2016 CFUW/Calgary Graduate Scholarship in Social Work or Social Sciences (\$1,200)
- 2016 Thesis/Dissertation Research Grant. University of Calgary (\$1,500)
- 2016 Professional Development Grant. University of Calgary (\$750)
- 2011 Research Fellowship for Young Scientists. Japan Society for the Promotion of Science (\$68,000)

Conference and Workshop Presentation:

- 2017 Japan International Fisheries Research Society, Tokyo, Japan
- 2016 American European Health Economist Study Group. Rome, Italy
- 2016 Western Economic Association International. Portland, United States
- 2016 The 6th Biennial Conference of the American Society of Health Economists. Philadelphia, United States
- 2016 Canadian Economics Association. Ottawa, Canada
- 2016 Canadian Health Economists' Study Group. Ottawa, Canada
- 2015 International Health Economics Association 11th World Congress. Milan, Italy
- 2015 Canadian Economics Association. Toronto, Canada
- 2015 North American Association of Fisheries Economists. Ketchikan, United States
- 2013 North American Association of Fisheries Economists. St. Petersburg, United States
- 2013 Theoretical Economics, Management and Fisheries Summer Meeting, Nara, Japan
- 2012 Japan International Fisheries Research Society Summer Meeting, Nara, Japan
- 2012 Intensive PhD course: The Economics of Fisheries Management, Portsmouth, UK
- 2011 Theoretical Economics, Management and Fisheries Summer Meeting, Nara, Japan
- 2010 The Japanese Society of Fisheries Science Autumn Meeting, Kyoto, Japan
- 2010 International Institute of Fisheries Economics and Trade, Montpellier, France
- 2010 The Japanese Society of Fisheries Science Spring Meeting, Kanagawa, Japan
- 2009 The Japanese Society of Fisheries Science Spring Meeting, Tokyo, Japan
- 2009 Workshop on: Game Theoretic Applications in Fisheries, Esbjerg, Denmark
- 2008 Fifth World Fisheries Congress, Yokohama, Japan

Teaching Experience (Instructor):

2014 Econ 395 (Use of Statistics in Economics), University of Calgary, 25 students, Evaluation: 5.8 out of 7, **Best Graduate Student Teaching Award** 2014.

Teaching Experience (Teaching assistant, Invited lecture):

2016 Invited lecture at Ms. Mile's course. U of Calgary.
Econ 495: Econometrics I. "Introduction to Time Series Analysis."
2015 Teaching assistant to Dr. McKenzie. U of Calgary.
Econ 201: Principles of Microeconomics. Tutorials about mathematical techniques in economics.
2015 Invited lecture at Ms. Mile's course. U of Calgary.
Econ 495: Econometrics I. "Introduction to Time Series Analysis."
2014 Invited lecture at Dr. Taylor's course. U of Calgary.
Econ 611: International Trade and the Environment: Resources and Trade.
2014 Invited lecture at Dr. Muehlenbachs's course. U of Calgary.
Econ 475: Economics of Natural Resources.
2013 Teaching assistant to Dr. Magesan. U of Calgary.
Econ 497: Econometrics II. Tutorials about MC Simulation
2012 Teaching assistant to Dr. Wen. U of Calgary.
Econ 341: Money and Banking
2011 Teaching assistant to Dr. Wilman. U of Calgary.
Econ 487: Environmental Economics.

Research Experience:

2013 - Research assistant to Dr. Taylor, Job description: Data collection, Data analysis and Discussion.
2012 - 2013 Research assistant to Dr. Oxoby, Job description: Theoretical model development.

Professional Activity:

1. Referee service:
Fisheries Science, Journal of International Fisheries, Nippon Suisan Gakkaishi, Kokusai Gyogyo Kenkyu
2. Paper Selection Committee for the International Health Economics Association World Congress 2015
3. A co-founder of Theoretical Economics, Management and Fisheries Study Group in Japan (<http://temf.info/index.html>)

Language:

English (fluent), Japanese (native)

Reference:

- Nobuyuki Yagi
Professor, Department of Global Agricultural Science, University of Tokyo
1-1-1 Yayoi Bunkyo, Tokyo, Japan 113-8657
+81-(3)-5841-5599
yagi@fs.a.u-tokyo.ac.jp

- M. Scott Taylor (PhD thesis supervisor)
Professor & Canada Research Chair University of Calgary
Research Associate, National Bureau of Economic Research, Cambridge MA
Department of Economics, University of Calgary
2500 University Drive NW Calgary, AB Canada T2N 1N4
+1 (403) 220-8912
m.scott.taylor1@gmail.com

- Daniel V. Gordon (PhD committee member)
Professor & Department Head, Department of Economics, University of Calgary
2500 University Drive NW Calgary, AB Canada T2N 1N4
+1 (403) 220-5080
dgordon@ucalgary.ca

- Arvind Magesan (PhD committee member)
Associate Professor, Department of Economics, University of Calgary
2500 University Drive NW Calgary, AB Canada T2N 1N4
+1 (403) 220-5276
arvindmagesan@gmail.com