

Tomoki FUJII
Assistant Professor of Economics
School of Economics
Singapore Management University

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Education

PhD in Agricultural and Resource Economics, University of California, Berkeley, 2005
PhD in Multidisciplinary Sciences, University of Tokyo, 2003.
MS in Agricultural and Resource Economics, University of California, Berkeley, 2001.
MS in Multidisciplinary Sciences, University of Tokyo, 1999.
MS in Environmental Change and Management, University of Oxford, 1998.
BAS in General Systems Studies, University of Tokyo, 1997.

Position Held

Assistant Professor, Singapore Management University, 2005-present.
Short-term Consultant, World Bank, 2001-2006, 2008, 2009.
Consultant, United Nations World Food Programme, 2002-2003, 2007.
Consultant, Research on Poverty Alleviation (REPOA), 2007.
Research Assistant, Georgetown University, 2005.
Graduate Student Researcher, University of California, Berkeley: Agricultural and Resource Economics. 2001, 2004.
Graduate Student Instructor, University of California, Berkeley: Agricultural and Resource Economics. 2003.
Consultant, ORC Macro, 2002, 2003.
Consultant, Electric Power Development Company Eco-Assist, 1998-1999.
Teaching Assistant, University of Tokyo, 1997, 1999-2000.
Intern, Nomura Research Institute, 1995-1997.

Research Interests

Primary: Development, Environment, and Applied Econometrics
Secondary: Health and Statistics

List of Publications

-Journal articles

- A-1. T. Fujii (2011) "Micro-level estimation of child undernutrition indicators in Cambodia." Forthcoming in *World Bank Economic Review*.
- A-2. T. Fujii (2008) "How well can we target aid with rapidly collected data? Empirical results for poverty mapping from Cambodia." *World Development*. 36(10): 1830-1842.
- A-3. T. Fujii and L. Karp (2008) "Numerical analysis of non-constant pure rate of time preference: A model of climate policy." *Journal of Environmental Economics and Management*. 56(1): 83-101. Reprinted in G. Chichilnsky (ed.) (2010) *The Economics of Climate Change*. Edward Elgar.
- A-4. C. Elbers, T. Fujii, P. Lanjouw, B. Özler, and W. Yin (2007) "Poverty alleviation through geographic targeting: How much does disaggregation help?" *Journal of Development Economics*. 83(1): 198-213.
- A-5. T. Fujii and S. Miyata (2007) "Examining the socioeconomic impacts of irrigation in the southeast Anatolia region of Turkey." *Agricultural Water Management*. 88(1-3): 247-252.
- A-6. T. Fujii and S. Ear (2002) "How does spousal education matter?: Some evidence from Cambodia." *Asian Development Review*. 19(1): 117-38.

-Chapters in books (* indicates refereed publication)

- C-1. T. Fujii (2011) "Environmental modelling for sustainable development: metaphysical limitations." Forthcoming in *Sustainable Development Weltanschauung: Beyond Theories into Reality*, edited by W.M. Har, S.F. Ong, and S.S. Kun. pp. 23-39. Pustaka Prinsip.
- C-2. T. Fujii and D. Roland-Holst (2008) "How does Vietnam's accession to the World Trade Organization change the spatial incidence of poverty?" In *Globalization and the Poor in Asia: Can Shared Growth be Sustained?*, edited by M. Nissanke, and E. Thorbecke. pp. 47-89. Palgrave Macmillan.*
- C-3. T. Fujii (2007) "To use or not to use?: Poverty mapping in Cambodia." In *More Than a Pretty Picture: Using Poverty Maps to Design Better Policies and Interventions*, edited by T. Bedi, A. Coudouel, and K. Simler. pp. 125-142. The World Bank.
- C-4. T. Fujii (2006) "Commune-level estimation of poverty measure and its application in Cambodia." In *Spatial Disparities in Human Development: Perspectives from Asia*, edited by R. Kanbur, A.J. Venables, and G. Wan. pp. 289-314. United Nations University Press.*
- C-5. R. Abe, H. Kubo, M. Shinoda, Y. Maruyama, T. Fujii, and H. Yamashita (1999) "Fifty keywords for environmental studies." In *Understanding Environmental*

- Study: New Edition*, edited by M. Sekido, pp. 155-161. Asahi Shinbun. (In Japanese).¹
- C-6. R. Abe, H. Kubo, M. Shinoda, Y. Maruyama, T. Fujii, and H. Yamashita (1999) “Fifty books for environmental studies.” In *Understanding Environmental Study: New Edition*, edited by M. Sekido, pp. 162-168. Asahi Shinbun. (In Japanese).²
- C-7. K. Kikuchi, N. Kondo, T. Fujii, S. Miyata, M. Yasoshima, T. Yoshida, and H. Yamashita 1998. “Environmental issues for young generations.” In *Outlines for the Global Environment*, edited by K. Abe, pp. 144-165. Tokyo University Press. (In Japanese).³

-Conference proceedings

- P-1. T. Fujii (2003) “Measuring the benefits of environmental education.” In *the Proceeding of the 2003 Society for Environmental Economics and Policy Studies Conference*. pp. 224-225. (In Japanese).⁴
- P-2. A.R. Henderson, R. Leutz, and T. Fujii (2002) “Potential for floating offshore wind energy in Japanese waters” In *the Proceeding of the Twelfth International Offshore and Polar Engineering Conference*. pp. 505-512.
- P-3. T. Fujii (1999) “An estimation of the potential offshore wind power in Japan by satellite data.” In *the Proceeding Papers of the 1999 Japan Solar Energy Society and Japan Wind Energy Association Conference*. pp. 226-27.
- P-4. T. Fujii, H. Yamashita, S. Okushima, and N. Goto (1999) “Prediction of economic impacts of global environmental policies using multi-sector general equilibrium model.” In *the Proceeding of the 1999 Society for Environmental Economics and Policy Studies Conference*. pp. 220-22. (In Japanese).⁵

¹ Original Title: 安部竜一郎・久保はるか・篠田真理子・丸山康司・藤井朋樹・山下英俊 (1999) 「新環境学のためのキーワード五十」 関戸衛編『新環境学がわかる』朝日新聞社, 155-161 頁.

² Original Title: 安部竜一郎・久保はるか・篠田真理子・丸山康司・藤井朋樹・山下英俊 (1999) 「新環境学のための五十冊」 関戸衛編『新環境学がわかる』朝日新聞社, 162-168 頁.

³ Original Title: 菊地一佳・近藤直人・藤井朋樹・宮田幸子・八十島光子・吉田孝志・山下英俊 (1998) 「若い世代にとっての地球環境問題」 阿部寛治編『概説地球環境問題』東京大学出版会, 143-165 頁.

⁴ Original Title: 藤井朋樹 (2003) 「環境教育の便益の測定」 『環境経済・政策学会 2003 年大会要旨集』, 環境経済・政策学会, 224-225 頁.

⁵ Original Title: 藤井朋樹・山下英俊・奥島真一郎・後藤則行 (1999) 「多部門一般均衡モデルによる地球環境政策の経済影響予測」 『環境経済・政策学会 1999 年大会要旨集』, 環境経済・政策学会, 220-222 頁.

-Working papers (unpublished)

- W-1. T. Fujii and R. Ishikawa (2008) "The more kids, the less mom's divvy: Impact of childbirth on intrahousehold resource allocation." SMU Economics and Statistics Working Paper No. 20-2008. Singapore Management University.
- W-2. T. Fujii (2008) "Two-sample estimation of poverty rates for disabled people: an application to Tanzania." SMU Economics and Statistics Working Paper No. 02-2008. Singapore Management University.
- W-3. T. Fujii (2007) "Geographic decomposition of inequality in health and wealth: evidence from Cambodia." SMU Economics and Statistics Working Paper No. 24-2007. Singapore Management University.
- W-4. T. Fujii (2006) "Environmental and resource management under myopia." SMU Economics and Statistics Working Paper No. 26-2006. Singapore Management University.

-Other works

- O-1. T. Fujii (2006) "Using the correct method to assess the poverty levels in small geographic areas." *SMU Knowledge Hub*. August 2006. Singapore Management University.
- O-2. T. Fujii (2000) "Exploring the feasibility of offshore wind power generation." *Solar Energy*. 26(4), 86 (In Japanese).⁶

-Selected policy reports

- R-1. World Bank (2010) *Philippines: Fostering More Inclusive Growth*. Contributed to Chapter II with R. Verlarde and U. Lächler.
- R-2. Ministry of Health, Royal Government of Cambodia, United Nations World Food Programme, and Measure DHS+, ORC Macro (2003) *Micro-level estimation of the prevalence of stunting and underweight among children in Cambodia*. With Livia Montana.
- R-3. Ministry of Planning, Royal Government of Cambodia, and United Nations World Food Programme (2003) *Commune-level poverty estimates and ground truthing*.
- R-4. Ministry of Planning, Royal Government of Cambodia, and United Nations World Food Programme (2002) *Estimation of poverty rates at commune-level in Cambodia: using the small-area estimation technique to obtain reliable estimates*.
- R-5. World Bank (2002) *Bulgaria poverty assessment*. Report No. 24516-BUL. Contributed to Chapter 1 with Calogero Carletto.

⁶ Original Title: 藤井朋樹 (2000) 「洋上風力発電の実現可能性を探る」 『太陽エネルギー』 第26巻第4号, 86頁.

Awards and Research Grants

Research Grant, The Japan Economic Research Foundation. 2010-2011. "Studies on environment and development."

SMU Research Grant. 2009-2010. "Quasi-option value under strategic interactions."

Research Grant-in-Aid, Zengin Foundation for Studies on Economics and Finance. 2009-2010. "Optimal two sample estimation: theory and applications."

Research Grant, Matsushita International Foundation. 2008-2010, "Impact of Remittances on Education in the Philippines."

SMU Research Grant. 2008-2009. "Impact of inflation on the poor in the Philippines."

SMU Research Grant. 2008. "The More Kids, The Less Mom's Divvy?: Impact of Childbirth on Intrahousehold Resource Allocation." Co-PI: R. Ishikawa.

SMU Research Grant. 2007-2008. "New Approaches to Two Sample Instrumental Variable Estimation: Theory and Application."

SMU Research Grant. 2006-2007. "Environmental and resource management under myopia."

Lee Foundation Fellowship for Research Excellence. 2006-2007.

SMU Research Grant. 2005-2006. "Micro-level Estimation of Child Malnutrition Indicators and Its Application in Cambodia."

Conference Travel Grants, University of California, Berkeley. 2005.

John L. Simpson Memorial Fellowship. University of California, Berkeley. 2003-2004.

Agricultural and Resource Economics Student Travel Grant. University of California, Berkeley. 2003.

Higher Education Degree Program, Foundation for Advanced Studies in International Development. 2000-2002.

Scholarship Award, Japan Solar Power Society. 2000.

Murata Scholar, 1999. Declined fellowship.

New Century Scholarship, University of Oxford. 1997-1998.

Japan Scholarship Foundation 1st Category Scholar. 1997-2003.

Oxford University Travel Grant. 1998.

Green College Travel Grant. 1998.

Conference Presentations (* indicates invited or fully funded presentations.)

2011 The Association of Environmental and Resource Economists Winter Meeting, Denver, CO, United States.

- 2010 The 9th Japan Economic Policy Association International Conference, Tokyo, Japan.
- 2009 The Western Economic International Association Eighth Biennial Pacific Rim Conference, Kyoto, Japan.
The 5th Australian Development Economics Workshop, Melbourne, Australia.
The 2009 Far Eastern and South Asian Meeting of the Econometric Society, Tokyo, Japan.
- 2008 RePEAT Tokyo Workshop organized by the National Graduate Institute for Policy Studies, Tokyo, Japan.*
The 2008 Far Eastern and South Asian Meeting of Econometric Society, Singapore, Singapore.
Dynamics, Economic Growth, and International Trade, DEGIT – XIII, Manila, the Philippines.
The Thirty-Third FAEA Annual Conference, Hanoi, Vietnam.
- 2007 The 2007 KNSO International Conference on Growth, Distribution and Social Accounting Matrix, Daejeon, Korea.*
The 2007 Fall Meeting of Japanese Economic Association, Tokyo, Japan.
The 2007 Far Eastern Meeting of Econometric Society, Taipei, Taiwan.
The Second Empirical Micro Study Group, Singapore.
- 2006 The First Empirical Micro Study Group, Singapore.
The Sixty-first Econometric Society European Meeting, Vienna, Austria.
The Third World Congress of Environmental and Resource Economists, Kyoto, Japan.
East Asia's Conference on Poverty Maps: Impacts and Usages, Siem Reap, Cambodia.*
- 2005 The Third International Conference on Social Science Research, Orlando, FL, United States.
UNU/WIDER Conference on the Impact of Globalization on the Poor in Asia. Tokyo, Japan.*
Pacific Conference for Development Economics, San Francisco, CA, United States.
- 2004 ESRI International User Conference, San Diego, CA, United States.*
International Seminar on Poverty Mapping sponsored by SMERU Research Institute, Jakarta, Indonesia.*
- 2003 Society for Environmental Economics and Policy Studies Conference 2003. Tokyo, Japan.
UNU/WIDER Conference on Spatial Inequality in Asia. Tokyo, Japan.*

- 2002 International Symposium on Sustaining Food Security and Managing Natural Resources in Southeast Asia: Challenges for the 21st Century. Chiang Mai, Thailand.
- 1999 Japan Solar Energy Society and Japan Wind Energy Association Conference. Kyoto, Japan.
- Society for Environmental Economics and Policy Studies Conference 1999. Kyoto, Japan.

Seminar Presentations

- 2010 Hitotsubashi University, Singapore Management University
- 2009 Kobe University, Institute of Development Economics (IDE-JETRO, Japan)
- 2008 University of Tsukuba, University of Tokyo
- 2007 Research on Poverty Alleviation (REPOA, Tanzania), Osaka University
- 2006 Academia Sinica
- 2005 Tsukuba University, World Bank, Singapore Management University, International University of Japan, University of Utah, Australian National University
- 2004 University of California, Berkeley, Badan Pusat Statistik (Statistics Indonesia)
- 2003 University of California, Berkeley, ORC Macro
- 2002 Cambodia Development Research Institute, World Bank

Invited Lectures

- 2009 Global Youth Forum organized by the Global Youth Congress International (on global divide)
- 2008 Asian Institute of Technology (on small-area estimation)

Editorial Appointments

Member, Editorial Board, *International Journal of Green Economics*. 2007-present.

Member, Editorial Advisory Board, *Real Estate and Development Economics Research Journal*. 2007-present.

Refereeing Activities

Book Proposals: *Routledge*

Journal Articles: *Applied Economics*, *Asian Economic Journal*, *Economics and Human Biology*, *Energy Journal* (2), *Food and Nutrition Bulletin*, *International Journal of*

Green Economics, Journal of Conflict Resolution, Journal of Economic Dynamics and Control, Population Studies, Singapore Economic Review, Technological Forecasting & Social Change, World Bank Economic Review (2), World Development

Media Mentions & Appearances

Channel News Asia (Nov 29, 2006), Knowledge@SMU (Jul 4, 2008), Today (Apr 2, 2008), Straits Times (Apr 26, 2008; Sep 1, 2009), SMU Campus Radio (Aug 25, 2008) 938 Live (Jul 15, 2008),

Other Professional Services

Member, Program Committee, The 18th European Association of Environmental and Resource Economists Meeting. 2011.

Member, Program Committee, The 12th International Conference of the Society of Global Business and Economic Development. 2010-2011.

Member, Panel of Experts on the Evaluation of Social Science Degrees from Japan, the Public Service Commission. 2009-2012.

Member, Local Organizing Committee, 2008 Far Eastern and South Asian Meeting of the Econometric Society. 2008.

Professional Qualifications

Computing skills: SAS, STATA, Ox, Matlab, Perl, LaTeX, R, Splus, GAMS, ArcView 3.2, C++, MapInfo, SPSS, Mathematica, Emacs Lisp, JAVA, and VBA.

Languages: Japanese (native), English (fluent), French (good), and Mandarin Chinese (elementary).

Work in Progress (titles tentative)

T. Fujii and R. van der Weide (2009) "Two sample estimation."

Courses Taught

2010/11	ECON118, Economic Development in Asia, 4 Sections.
2009/10	ECON118, Economic Development in Asia, 4 Sections.
2008/09	ECON118, Economic Development in Asia, 2 Sections. ECON213, Environmental Economics THES603, Thesis Completion (Seminar)
2007/08	ECON118, Economic Development in Asia, 2 Sections.

ECON213, Environmental Economics
ADVP603, Advanced Paper Completion (Seminar)
2006/07 STAT102, Introductory Statistics, 2 Sections.
ECON213, Environmental Economics.
2005/06 STAT102, Introductory Statistics, 3 Sections.

Contact Information

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90 Stamford Road, Singapore 178903.