

Tomoki FUJII (藤井朋樹)

January, 2021

Associate Professor of Economics and Associate Dean (Undergraduate Curriculum)
School of Economics
Singapore Management University

Education

PhD in Agricultural and Resource Economics, University of California, Berkeley, 2005.

Thesis Title: *Three essays on poverty mapping and targeting.*

Supervisors: Professor Alain de Janvry and Professor Elisabeth Sadoulet.

PhD in Multidisciplinary Sciences, University of Tokyo, 2003.

Thesis Title: *On environment and development: quantitative approach to educational aspects.*

Supervisor: Professor Takashi Okatsu

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.

Positions Held

Associate Professor, School of Economics, Singapore Management University, 2013-present.

Associate Dean (Undergraduate Curriculum), School of Economics, Singapore Management University, 2017-present

SGH Senior Advisor, Fujimigaoka High School for Girls, 2016-present.

Member, Advisory Board, Lotus Initiative, Lien Centre for Social Innovation, Singapore Management University, 2019-present.

Honorary Advisory Member, Centre for Emerging Economies, Marathwada Mitra Mandal's Institute of Management Education Research and Training, 2019-present

Short-term Consultant, World Bank, 2001-2006, 2008-2009, 2012-2014. 2018.

Visiting Scholar, University of California at Berkeley, 2015.

Consultant, Asian Development Bank, 2014.

Assistant Professor, Singapore Management University, 2005-2013.

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

Awards and Fellowships

1. Best Paper Award, the 12th International Conference of the Society for Global Business and Economic Development (with R. Ishikawa). 2011.
2. Lee Foundation Fellowship for Research Excellence. 2006-2007.
3. John L. Simpson Memorial Fellowship. University of California, Berkeley. 2003-2004.
4. Higher Education Degree Program, Foundation for Advanced Studies in International Development. 2000-2002.
5. Scholarship Award, Japan Solar Power Society. 2000.
6. Murata Scholar, 1999. Declined fellowship.
7. New Century Scholarship, University of Oxford. 1997-1998.
8. Japan Scholarship Foundation 1st Category Scholar. 1997-2003.

List of Publications

-Refereed journal articles

1. T. Fujii and A.S. Shonchoy (2020) "Fertility and rural electrification in Bangladesh" *Journal of Development Economics* 143: 102430.

2. T. Fujii and R. van der Weide (2020) "Is predicted data a viable alternative to real data?" *World Bank Economic Review*. 34(2): 485—508.
3. O.A. Adegboye, T. Fujii, and D.H.Y. Leung (2020) "Refusal bias in HIV data from the demographic surveys: Evaluation, critique, and recommendations." *Statistical Methods in Medical Research* 29(3): 811—826.
4. T. Fujii (2019) "Regional prevalence of health worker absenteeism in Tanzania." *Health Economics*. 28(2): 311-316.
5. T. Fujii (2018) "Sources of health financing and health outcomes: A panel data analysis." *Health Economics*. 27(12): 1996-2015.
6. T. Fujii, A.S. Shonchoy, and S. Xu (2018) "Impact of electrification on children's nutritional status in rural Bangladesh." *World Development*. 102: 315-330.
7. T. Fujii (2018) "Has the development gap between the ethnic minority and majority groups narrow in Vietnam?: Evidence from household surveys." *World Economy*. 41(8): 2067-2101.
8. T. Fujii (2017) "Dynamic poverty decomposition analysis: An application to the Philippines." *World Development*. 100: 69-84.
9. T. Fujii (2015) "Impact of remittances on schooling in the Philippines: Does the relationship to the household head matter?" *Asian Economic Journal*. 29(3): 265-284.
10. T. Fujii and R. Ishikawa (2013) "How does childbirth alter intrahousehold resource allocation?: Evidence from Japan." *Oxford Bulletin of Economics and Statistics*. 75(3): 362-387.
11. T. Fujii (2013) "Impact of food inflation on poverty in the Philippines." *Food Policy*. 39: 13-27.
12. T. Fujii (2013) "Modeling myopia: Application to non-renewable resource extraction." *Mathematical Social Sciences*. 66(2): 95-104.
13. T. Fujii (2013) "Geographic decomposition of inequality in health and wealth: evidence from Cambodia." *Journal of Economic Inequality*. 11(3): 373-392.
14. T. Fujii and R. Ishikawa (2013) "Arrow-Fisher-Hanemann-Henry and Dixit-Pindyck option values under strategic interactions." *Strategic Behavior and the Environment*. 3(3): 169-183.
15. T. Fujii (2013) "Decomposing the changes of the Divisia price index: Application to inflation in the Philippines." *Economics Bulletin*. 33(1): 545-556.

16. T. Fujii and R. Ishikawa (2013) "A note on separability and intra-household resource allocation in a collective household model." *Review of Economics of the Household*. 11(1): 143-149.
17. T. Fujii and R. Ishikawa (2012) "Quasi-option value under strategic interactions." *Resource and Energy Economics*. 34(1): 36-54.
18. T. Fujii (2010) "Micro-level estimation of child undernutrition indicators in Cambodia." *World Bank Economic Review*. 24(3): 520-553.
19. 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.
20. 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.
21. 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.
22. 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.
23. 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)

24. T. Fujii (2016) "Is urban food demand in the Philippines different from China?" In *China and ASEAN: Global Production Networks*, edited by Y.-C. Kim. pp. 97-118. Springer. [Working paper version: SMU Economics & Statistics Working Paper 18-2014.]
25. T. Fujii (2016) "Concepts and measurement of vulnerability to poverty and other issues." In *The Asian "Poverty Miracle": Impressive Accomplishments or Incomplete Achievements?*, edited by J. Silber and G. Wan. pp. 53-83. Edward Elgar. [Working paper version: ADBI Working Paper No. 611]
26. T. Fujii (2016) "Climate change and vulnerability to poverty: an empirical investigation in rural Indonesia." In *The Asian "Poverty Miracle": Impressive Accomplishments or Incomplete Achievements?*, edited by J. Silber and G. Wan. pp. 118-147. Edward Elgar. [Working paper version: ADBI Working Paper No. 622]
27. T. Fujii (2011) "Environmental modelling for sustainable development: metaphysical limitations." 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.

28. 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. [Working paper version: World Bank Policy Research Working Paper No. 4521]*
29. 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.
30. 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. [Working paper version: UNU-WIDER Research Paper No. 2004/48]*
31. 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
32. 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
33. 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

34. 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
35. 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.

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.

36. 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.
37. 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

-Other publications

38. Shonchoy, A.S., Raihan, S. and Fujii, T. (2017) “Reducing Extreme Poverty Through Skill Training for Industry Job Placement.” *GLM/LIC Policy Brief*. No. 9. IZA/DFID Growth and Labour Markets in Low Income Countries Programme.
39. T. Fujii (2015) “Real burden of child-rearing for working mothers” *Nikkei Business Online*. July 6, 2015. (In Japanese).⁶
40. P. Lim, B. Barrett, N. Steinbrecher, T. Fujii, T. Tschang, and L. Demeester (2011) “Corporate success and social good.” *The Business Times*. July 26, 2011. p. 27.
41. T. Fujii (2011) “Economics of sustainability.” *The Business Times*. June 30, 2011. p.19.
42. T. Fujii (2006) “Using the correct method to assess the poverty levels in small geographic areas.” *SMU Knowledge Hub*. August 2006. Singapore Management University.
43. T. Fujii (2000) “Exploring the feasibility of offshore wind power generation.” *Solar Energy*. 26(4), 86 (In Japanese).⁷

-Selected policy reports

44. World Bank (2010) *Philippines: Fostering more inclusive growth*. Report No. 49482-PH. Contributed to Chapter II with R. Velarde and U. Lächler.
45. Ministry of Health, Royal Government of Cambodia, United Nations World Food Programme, and Measure DHS+, ORC Macro (2003) *Micro-level estimation of the*

⁵Original 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.

⁶ Original Title: 藤井朋樹 (2015) 「経済学で推計した、働く母親のリアルな育児負担の重さ: 育児の負担感を経済学で考える」 『日経ビジネスオンライン』 2015 年 7 月 6 日.

⁷ 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.

prevalence of stunting and underweight among children in Cambodia. With Livia Montana.

46. Ministry of Planning, Royal Government of Cambodia, and United Nations World Food Programme (2003) *Commune-level poverty estimates and ground truthing.*
47. 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.*
48. World Bank (2002) *Bulgaria poverty assessment.* Report No. 24516-BUL. Contributed to Chapter 1 with Calogero Carletto.

-Unpublished working papers

49. A. Khanna and T. Fujii (2020) “Natural disasters and domestic violence: A study of the 2015 Nepal earthquake.” SMU Economics and Statistics Working Paper 26-2020.
50. T. Fujii and R. Ray (2019) “Singapore as a sustainable city: Past, present and the future” SMU Economics and Statistics Working Paper 18-2019. Forthcoming in H.T., Hoon (ed) *The Singapore Economy: Dynamism and Inclusion.* Routledge.
51. S. Xu, A. Shonchoy, and T. Fujii (2019) “Illusion of gender parity in education: Intrahousehold resource allocation in Bangladesh” SMU Economics and Statistics Working Paper 09-2019.
52. P.-L. Chang, T. Fujii, and W. Jin (2018) “Does ‘America First’ help America? The impact of country image on exports and welfare.” SMU Economics and Statistics Working Paper No. 03-2018. Singapore Management University. Second revision requested from *Management Science.*
53. T. Fujii (2015) “Poverty decomposition by regression: An application to Tanzania” WIDER Working Paper 2015/102. World Institute for Development Economics Research, United Nations University.
54. T. Fujii and R. van der Weide (2013) “Cost-effective estimation of the population mean using prediction estimators.” World Bank Policy Research Working Paper No. 6509. The World Bank.
55. 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.

Research Grants

1. Research Grant, The Japan Center for Economic Research. 2018-2019. "Impact Evaluation of Conditional Cash Transfer Program with Loss-Aversion Design."
2. SMU Research Grant, 2017-18. "Does Loss-Aversion Design Improve the Efficiency of Conditional Cash Transfer?" with C. Ho.
3. IGC Research Grant, International Growth Centre. 2016-2018. "Training Program for RMG sector: Long-term impact and targeting" with C. Woodruff and A.S. Shonchoy.
4. SMU Research Grant, 2014-15. "Poverty decomposition by regressions: Application to Vietnam and Nepal."
5. Research Grant, Tokyo Center for Economic Research. 2013-14. "Poverty decomposition analysis using regressions: Application to Tanzania and Côte d'Ivoire."
6. SMU Research Grant. 2013-2014. "Rural electrification and fertility in Bangladesh."
7. SMU Research Grant. 2012-2013. "Health spending and health outcomes: A panel-data analysis."
8. SMU Research Grant. 2011-2012. "Does the country's image affect the world trade?" with P.-L. Chang.
9. Research Grant, The Japan Economic Research Foundation. 2010-2011. "Studies on environment and development."
10. SMU Research Grant. 2010-2011. "Quasi-option value under strategic interactions."
11. Research Grant-in-Aid, Zengin Foundation for Studies on Economics and Finance. 2009-2010. "Optimal two sample estimation: theory and applications."
12. Research Grant, Matsushita International Foundation. 2008-2010, "Impact of Remittances on Education in the Philippines."
13. SMU Research Grant. 2008-2009. "Impact of inflation on the poor in the Philippines."
14. SMU Research Grant. 2008. "The more kids, the less mom's divvy?: Impact of childbirth on intrahousehold resource allocation."
15. SMU Research Grant. 2007-2008. "New approaches to two sample instrumental variable estimation: Theory and application."
16. SMU Research Grant. 2006-2007. "Environmental and resource management under myopia."
17. SMU Research Grant. 2005-2006. "Micro-level estimation of child malnutrition indicators and its application in Cambodia."
18. Conference Travel Grants, University of California, Berkeley. 2005.
19. Agricultural and Resource Economics Student Travel Grant. University of California, Berkeley. 2003.

20. Oxford University Travel Grant. 1998.
21. Green College Travel Grant. 1998.

Presentations at Conferences, Symposia, and Workshops (* indicates invited or fully funded talks)

- 2020 The 30th Eurasia Business and Economics Society Conference, Kuala Lumpur, Malaysia.
KDIS School-3ie-ADB-ADBI Conference on Impact Evaluation—Challenges and Promise for Human Capital Development in Asia, Online.
- 2019 SIBR 2019 Osaka Conference on Interdisciplinary Business and Economics Research, Osaka, Japan
Singapore Economic Review Conference 2019, Singapore, Singapore.
- 2018 2018 Asian Meeting of the Econometric Society, Seoul, Korea.
The 2018 Southern Economic Association Conference, Washington, D.C., United States.
- 2017 Hayami Conference 2017, Tokyo, Japan.
Lee Kuan Yew School Public Policy Research Workshop—Development Policy and Development Economics, Singapore, Singapore.
National Conference on Finance and Applied Economics organized by Marathwada Mitra’s Institute of Management Education Research and Training, Pune, India (Key note speaker and chief of guest).*
Singapore Economic Review Conference 2017, Singapore, Singapore.
SIBR 2017 Bangkok Conference on Interdisciplinary Business and Economics research, Bangkok, Thailand.
- 2016 The Western Economic Association International Twelfth Conference, Singapore, Singapore (2).
International Workshop on Special Topics Relating to Environmental Issues, Climate Change, Sustainability, and Energy organized by Nanyang Technological University, Singapore, Singapore.*
The 6th Annual International Conference on Qualitative and Quantitative Economics Research, Singapore, Singapore (Keynote speaker).*
2016 Taipei International Conference on Growth, Trade and Dynamics organized by Institute of Economics, Academia Sinica, Taiwan. Taipei, Taiwan.
ADB–World Economy Workshop on Sources of Income Inequality in Asia organized by Asian Development Bank Institute, Tokyo, Japan.*
The 2016 Asian Meeting of Econometric Society, Kyoto, Japan.

- The 2016 Southern Economic Association Conference, Washington, D.C., United States.
- 2015 The 5th Annual International Conference on Qualitative and Quantitative Economics Research, Singapore, Singapore (Keynote speaker).*
- The 3rd DIAL Development Conference, Paris, France.
- The First Latin American ISI Satellite Meeting on Small Area Estimation, Santiago Chile.*
- 2014 The 12th Eurasia Business and Economics Society Conference, Singapore, Singapore.
- Key Indicators 2014 Workshop on the Untold Side of Asia's Poverty Story organized by the Asian Development Bank, Manila, the Philippines.*
- NTU International Workshop on Environmental Economics, Singapore, Singapore.*
- 2014 Workshop on Wealth and Income Inequality in China and Singapore, Singapore, Singapore.
- 2013 The 9th Annual Conference on Economic Growth and Development, New Delhi, India.
- Australasian Public Choice Conference 2013, Singapore, Singapore.
- Workshop on Untold Side of the Asian Poverty Reduction Story organized by the Southwest University and Asian Development Bank. Chongqing, China.*
- UNU-WIDER Conference on Inclusive Growth in Africa: Measurement, Causes, and Consequences, Helsinki, Finland.*
- The First Asian ISI Satellite Meeting on Small Area Estimation, Bangkok Thailand.*
- Microeconomics Summer Research Seminar organized by the Asian Development Bank Institute, Tokyo, Japan.*
- Workshop on Poverty Reduction in Asia: Drivers, Best Practices and Policy Initiatives organized by the Asian Development Bank and Department of Economics at Sogang University, Seoul, South Korea.*
- Singapore Economic Review Conference 2013, Singapore, Singapore.
- The Western Economic Association International Tenth Biennial Pacific Rim Conference, Tokyo, Japan.
- SIBR-UniKL 2013 Kuala Lumpur Conference on Interdisciplinary Business & Economics Research, Kuala Lumpur, Malaysia.
- 2012 Asia Pacific Trade Seminar 2012, Singapore, Singapore.
- The 13th International Convention of the East Asian Economic Association, Singapore, Singapore.
- The 2012 Asia Meeting of the Econometric Society, New Delhi, India.

- 2011 The Association of Environmental and Resource Economists Winter Meeting, Denver, CO, United States.
- The European Association of Environmental and Resource Economists 18th Annual Conference, Rome, Italy.
- The 12th International Conference of the Society of Global Business and Economic Development, Singapore, Singapore (2).
- The 10th Japan Economic Policy Association International Conference, Hyogo, Japan.
- 2010 The 9th Japan Economic Policy Association International Conference, Tokyo, Japan.
- 2009 The Western Economic Association International 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

- 2019 Florida International University, University of Miami
- 2018 Kobe University, Waseda University, Florida International University, Osaka University
- 2017 Kyoto University, JICA Research Institute, University of Tokyo
- 2016 Institute of Developing Economies (IDE-JETRO, Japan), University of Tokyo, World Bank
- 2015 Tsinghua University (PRC)
- 2014 University of Paris—Dauphine, National Graduate Institute for Policy Studies, Institute of Development Economies (IDE-JETRO, Japan)
- 2013 Institute of Developing Economies (IDE-JETRO, Japan)
- 2012 National Taiwan University, Nanyang Technological University, Kobe University, Waseda University
- 2011 Kobe University, Institute of Developing Economies (IDE-JETRO, Japan), National Institute of Environmental Studies (NIES, Japan)
- 2010 Hitotsubashi University, Singapore Management University
- 2009 Kobe University, Institute of Developing Economies (IDE-JETRO, Japan)
- 2008 University of Tsukuba, University of Tokyo
- 2007 Research on Poverty Alleviation (REPOA, Tanzania), Osaka University
- 2006 Academia Sinica

- 2005 University of Tsukuba, 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

Senior Associate Editor, *Singapore Economic Review*. 2017-

Associate Editor, *International Journal of Economic Policy Studies*. 2018-

Member, Editorial Board, *Review of Integrative Business and Economics Research*. 2013-

Honorary Advisory Board Member, *Arthkalp—Journal of Finance and Economics*. 2018-

Associate Editor, *Singapore Economic Review*. 2013-2017

Assistant Editor, *Singapore Economic Review*. 2012-2013.

Member, Editorial Advisory Board, *Real Estate and Development Economics Research Journal*. 2007-2009.

Member, Editorial Board, *International Journal of Green Economics*. 2007-2011.

Refereeing Activities

Book Proposals: *Routledge* (2); *Springer*; *Taylor and Francis*.

Journal Articles: *American Journal of Agricultural Economics*; *Applied Economics* (4); *ASEAN Economic Bulletin*; *Asian Economic Journal*; *BMJ Open*; *Bulletin of the World Health Organization* (2); *City, Culture and Society*; *Development Studies Research*; *Economics and Human Biology*; *Economics Bulletin* (5); *Energy Journal* (3); *Economics of Energy and Environmental Policy*; *Environmental Economics and Policy Studies* (4); *Environmental and Resource Economics* (12); *Food and Nutrition Bulletin*; *Food Policy* (2); *Human Resources for Health*; *International Economic Review*; *International Journal of Disaster Risk Reduction*; *International Journal of Economic Policy Studies*; *International Journal of Green Economics*; *Japanese Economic Review* (2); *Journal of Applied Econometrics*; *Journal of the Asia Pacific*

Economy; Journal of Conflict Resolution; Journal of Econometrics; Journal of Economic Dynamics and Control; Journal of Economics and International Finance; Journal of Development Studies; Journal of Human Development and Capabilities; Journal of Population Economics; PLoS One; Population Studies; Regional Science and Urban Economics; Review of Development Economics; Resource and Energy Economics; Singapore Economic Review (8); South African Journal of Economics; Social Science and Medicine; Spatial and Spatio-temporal Epidemiology; Technological Forecasting & Social Change (4); World Bank Economic Review (5); World Development (9).

Media Mentions & Appearances

Asian Scientist (Oct 7, 2014; Sep 4, 2017), Business Times (July 26, 2020); Channel News Asia (Nov 29, 2006; Apr 7, 2011), CNBC (Sep 22, 2013), Knowledge@SMU (Jul 4, 2008), Podcasts@SMU (Oct, 2014; Nov, 2018), Shin Min Daily News (Jul 21, 2012), Straits Times (Apr 26, 2008; Sep 1, 2009; Nov 6, 2011; Jul 21, 2012), SMU Campus Radio (Aug 25, 2008), Today (Apr 2, 2008), 938LIVE (Jul 15, 2008).

Other Professional Services

Member, Program Committee, Singapore Economic Review Conference 2019, 2019.

Member, The 6th Congress of Environmental and resource Economists, 2017-18.

Member, Program Committee, Singapore Economic Review Conference 2017, 2017.

Member, Scientific Committee, The 4th International Conference on Poverty and Sustainable Development (ICPSD2017). 2017.

Member, Scientific Committee, The 6th International Conference on Entrepreneurship and Business Management 2017. 2017.

Member, Program Committee, 7th Annual International Conference on Qualitative and Quantitative Economics Research. 2016-2017.

Member, Scientific Committee, The 5th International Conference on Entrepreneurship and Business Management 2016. 2016.

Member, Program Committee, 6th Annual International Conference on Qualitative and Quantitative Economics Research. 2015-2016.

Member, Scientific Committee, The 4th International Conference on Entrepreneurship and Business Management 2015. 2015.

Member, Program Committee, Singapore Economic Review Conference 2015, 2015.

Member, Scientific Committee, DIAL Development Conference: Barriers to Development, 2014-2015.

Member, Program Committee, 5th Annual International Conference on Qualitative and Quantitative Economics Research. 2014-2015.

Member, Local Organizing Committee, Australasian Public Choice Conference 2013. 2012-2013.

Member, Scientific Committee, The 2nd International Conference on Entrepreneurship and Business Management 2013. 2013.

Member, Scientific Committee, The 1st International Conference on Entrepreneurship and Business Management 2012. 2012.

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 Skills (in descending order of proficiency)

Computing skills: STATA, SAS, LaTeX, Ox, Perl, Matlab, Mapinfo, R, Mathematica, Emacs Lisp, and VBA.

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

Courses Taught

2019/20 ECON118, Economic Development in Asia (Term 2).

ECON644, Environmental Economics, Business and Policy (Term 2).

ECON729, Topics in Development Economics (Term 2).

2018/19 ECON118, Economic Development in Asia (Term 2).

ECON644, Environmental Economics, Business and Policy (Term 2).

2017/18 ECON118, Economic Development in Asia, 3 Sections (Term 2).

ECON644, Environmental Economics, Business and Policy (Term 2).

ECON729, Topics in Development Economics (Term 3A).

2016/17 ECON118, Economic Development in Asia, 3 Sections (Term 2).

- ECON644, Environmental Economics, Business and Policy (Term 2).
- 2015/16 ECON118, Economic Development in Asia, 3 Sections (Term 2).
ECON644, Environmental Economics, Business and Policy (Term 2).
ECON729, Topics in Development Economics (Term 2).
- 2014/15 ECON118, Economic Development in Asia, 3 Sections (Term 2).
ECON 644, Environmental Economics, Business and Policy (Term 2).
- 2013/14 ECON118, Economic Development in Asia, 4 Sections (Term 2).
ECON 644, Environmental Economics, Business and Policy (Term 2).
- 2012/13 ECON118, Economic Development in Asia, 4 Sections (Term 1).
- 2011/12 ECON118, Economic Development in Asia, 4 Sections (Term 1).
ECON 644, Environmental Economics, Business and Policy (Term 2).
IDST302, Independent Study (Term 2).
- 2010/11 ECON118, Economic Development in Asia, 4 Sections (Term 1).
ECON644, Environmental Economics, Business and Policy (Term 2).
- 2009/10 ECON118, Economic Development in Asia, 4 Sections (Term 1).
- 2008/09 ECON118, Economic Development in Asia, 2 Sections (Term 2).
ECON213, Environmental Economics (Term 2).
THES603, Thesis Completion (Term 1).
- 2007/08 ECON118, Economic Development in Asia, 2 Sections (Term 2).
ECON213, Environmental Economics (Term 2).
ADVP603, Advanced Paper Completion (Term 3).
- 2006/07 STAT102, Introductory Statistics, 2 Sections (Term 2).
ECON213, Environmental Economics (Term 2).
- 2005/06 STAT102, Introductory Statistics, 3 Sections (Term 2).

Executive Education

- 2013/14 IBM Business & Industry Insight Programme.
- 2012/13 ASEAN Community Program for the Thai Civil Service Commission.

PhD Dissertation Committee (graduation year):

Chair XU Sijia (2018)

Member CHEN Yanying (2018), TAN Yi Jin (2018)

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