

CURRICULUM VITAE

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Main fields of research:

Comparative Economic Development, Economic Statistical Analysis, Economic History, Japanese Economy

Educational Background:

D. Science,	Kumamoto University,	March 2006
M. Economics,	Kyoto University,	March 1989
B. Humanities,	Shizuoka University,	March 1985

Professional Experiences:

Professor,

The IDEC Institute, Hiroshima University, April 2020 to present

Network for Education and Research on Peace & Sustainability (NERPS), Hiroshima University, April 2020 to present

Graduate School of Humanities and Social Sciences, Hiroshima University, April 2020 to present

Graduate School for International Development and Cooperation (IDEC), Hiroshima University, October 2011 to 2020

Associate Professor

Graduate School for International Development and Cooperation (IDEC), Hiroshima University, April 2006 to September 2011

Associate Professor

Faculty of Integrated Arts and Sciences, Hiroshima University, April 1997 to March 2006
Lecturer
Faculty of Integrated Arts and Sciences, Hiroshima University, April 1994 to March 1997
Lecture
Faculty of Humanities and Economics, Kochi University, April 1992 to March 1994
Assistant
Faculty of Humanities and Economics, Kochi University, April 1990 to March 1992

Dissertation and Thesis:

Mathematical Analysis on the Structure and Change of Economic System (in Japanese), Graduate School of Science and Technology, Kumamoto University, 2006.3.

Transition of profit rates and the rates of technical progress in Japan by sectoral approach – calculation with financial reports (in Japanese), Graduate School of Economics, Kyoto University, 1989.3

Publications and Professional Activities

Publications:

Journal Papers

1. Muhammad Tashfiq Huq and Masaru Ichihashi, (2023), “Prospective Accelerating Sectors to Attain Sustainable Development in Bangladesh Economy: Findings from a Sectoral Approach Using Input-Output Analysis”, *Sustainability*, 15(3), 2651, pp.1-23. (Q2:IF=3.889)
2. Tulsi Ram Aryal, Masaru Ichihashi & Shinji Kaneko, (2022), “How strong is demand for public transport service in Nepal? A case study of Kathmandu using a choice-based conjoint experiment”, *Journal of Economic Structures*, volume 11, Article number: 29, pp.1-14.
3. Kae Murakami, Shinji Kaneko, Masaru Ichihashi and Ayyoob Sharifi, (2022), “Changes in the carbon mitigation responsibility of Japan's capital city, Tokyo – analysis of power supply shocks due to nuclear power plant accidents”, *Urban Climate*, Volume 44, 101221, pp.1 - 14. (Q1:IF=6.663)
4. Md. Azad Uddin, Masaru Ichihashi & Shubhasish Barua, (2022), “Financial Sector Development and the Preference for Informal Remittance Channels: Evidence from Bangladesh” *Journal of Development Studies*, Vol. 0, No. 0, 1-27. (Q2:IF=2.519)
5. Bohara Bikash and Masaru Ichihashi, (2022), “Household Preferences for Improved Solid Waste Management (SWM) Services: A Randomized Conjoint Analysis in Kathmandu Metropolitan Ward No. 10”, *Sustainability*, 14, no. 4: 2251. (Q2:IF=3.889)
6. Suhaila Marisa and Ichihashi Masaru, (2021), “The Relationship Between Indonesia’s Foreign Direct Investment and Bilateral Intra-Industry Trade with Japan, China, and ASEAN-9”, *Journal of Ekonomi Kebijakan Publik*, Vol. 12, No. 1.
7. Gayan S. Dayanath and Masaru Ichihashi, (2021), “Assessment of the Intended Outcomes of the

- Newly Built Expressway in Sri Lanka”, *Journal of Applied Business and Economics*, Vol 22 No 11, DOI: <https://doi.org/10.33423/jabe.v22i11.3735>, pp.76- 91.
8. Soulixay Hongsakhone, Moinul Islam & Masaru Ichihashi,(2021), “Producing a village input–output table (VIOT) from household survey data: a case study of a VIOT for a rural village in northern Lao PDR”, *Journal of Economic Structures*, volume 10, No.1, pp.1-24.
 9. Chui Ying Lee, Shinji Kaneko, Yuichiro Yoshida, Sun Hangcheng, Masaru Ichihashi and Katsufumi Fukuda, (2020), “Equivalence Gain of the Global Financial Crisis: A Note”, *Arthaniti: Journal of Economic Theory and Practice*, 20(1), 111–121.
 10. Hangcheng Sun, Masaru Ichihashi and Katsufumi Fukuda, (2019), "Welfare gains of China's WTO access: A note," *Review of Economics and Institutions*, Vol.10, No.2, pp1-15.
 11. Bouasone Sengsourivong and Masaru Ichihashi (2019), “Effectiveness of Irrigation Access on Sticky Rice Productivity: Evidence from Lao PDR”, *Sustainability*, 11(20), 5839; <https://doi.org/10.3390/su11205839> (registering DOI), pp.1-18. (Q2:IF=2.592)
 12. Nguyen Thi Bich Ngoc, Masaru Ichihashi & Makoto Kakinaka (2019), “The link between financial leverage and investment decisions in Vietnam’s small and medium-sized enterprises”, *Asia-Pacific Journal of Accounting & Economics*, <https://doi.org/10.1080/16081625.2019.1673196>, pp.1-12. (Q3:IF=0.98)
 13. Thiptaiya Sydavong , Daisaku Goto , Keisuke Kawata , Shinji Kaneko , Masaru Ichihashi (2019), “Potential demand for voluntary community-based health insurance improvement in rural Lao People’s Democratic Republic: A randomized conjoint experiment”, *PLOS One*, January 8, pp.1-21. (Q2:IF=3.226)
 14. Soulixay Hongsakhone & Masaru Ichihashi (2018), “Measurement of reciprocity in a village through social networks”, *Economic Systems Research*, Volume 31, Issue 1, p.1-19. (Q1:IF=3.556)
 15. Rahmaddi, Rudy and Ichihashi, Masaru, (2013), “The Role of Foreign Direct Investment in Manufacturing Exports: Evidence from Indonesia," *Bulletin of Indonesian Economic Studies(BIES)*, Volume 49, Issue 3, pp. 329-354. (Q2:IF=1.646)
 16. ZaenalMutaqin and Masaru Ichihashi,(2012), "Assessing Determinants of Macroeconomic Policy on Real Convergence and Growth: A Comparative Study of the Eurozone and ASEAN," *Asian Economic and Financial Review*, Volume: 2 , Issue: 2,pp. 301-324.
 17. Rahmaddi, Rudy and Ichihashi, Masaru ,(2012) "How Do Foreign and Domestic Demand Affect Exports Performance? An Econometric Investigation of Indonesia's Exports," *Modern Economy*, Vol.3 No.1, January 2012,PP.32-42.
 18. Chansomphou, Vatthanamixay and Ichihashi, Masaru, (2011) "The impact of trade openness on the incomes of four South East Asian countries before and after the Asian financial crisis", *Economics Bulletin*, Vol. 31 No.4, Oct 12, pp.2891 - 2902.

19. Rudy Rahmaddi and Masaru Ichihashi, (2011) "Exports and Economic Growth in Indonesia: A Causality Approach based on Multi-Variate Error Correction Model," *Journal of International Development and Cooperation*, Vol. 17, No. 2, pp 53 - 73.
20. Vatthanamixay CHANSOMPHOU and Masaru ICHIHASHI ,(2011) "Foreign direct investment, real exchange rate misalignment, and export performance of Lao PDR," *Journal of International Development and Cooperation*, vol.17, No. 2, pp.31-51.
21. Tomohiko Noda and Masaru Ichihashi, "Governance Structures and Management Efficiency in Japanese Companies," *The Japanese Economy*, Summer, Vol. 37 No. 02, 2010.
22. Masaru Ichihashi and Hidemichi Fujii,"A comparative analysis of Japanese firm productivity: Solow residual and Malmquist productivity index", *Chinese Business Review*, vol.8, No.6, pp.26--36, Jun, 2009.
23. Tomohiko Noda and Masaru Ichihashi, "Governance Structures and Management Efficiency in Japanese Companies," (in Japanese), *JCER Economic Journal*,No.61, pp.74--93, Jul, 2009.
24. Hyangmin Kim, Shinji Kaneko and Masaru Ichihashi, 'Driving Forces behind the World's Fastest Increase in CO2 Emission of Korea in 1990s - Growth, Trade and Industrial Transformation', *Journal of Environmental Information Science*, vol.36, No.5, pp.69-80, March, 2008.
25. Masaru Ichihashi, TFP and production factors over the post-war period in Japan's macro economy, *Journal of International Development and Cooperation*, vol.13, No.1, pp. 11-27, 2007.
26. Masaru Ichihashi, "On money supply and deflation in Japanese economy," (in Japanese), *Research of Environmental Sciences (Bulletin of Faculty of Integrated Arts and Sciences in HU)*, vol.1, pp.39--53,Dec., 2006.
27. Shinji Kaneko, Masaru Ichihashi and Hiroe Yoshinobu, "The measurement of induced environmental effect between two periods using international IO model – Tokyo and Beijing- ," (in Japanese), *Journal of Japan Society of Civil Engineers, Ser. G (Environmental Research)*, Vol.34, pp.293-303, 2006.
28. Masaru Ichihashi, "Decomposition analysis of Japanese recession in 1990s from the three aspects of economic equivalence," (in Japanese), *Journal of Economic Policy (Japan Economic Policy Association)*, vol.4, No.1, pp.67-84, 2006.
29. Masaru Ichihashi, "Test of structural change of process economic data," (in Japanese), *Studies in Social Sciences (Faculty of Integrated Arts and Science in HU)* ,vol.31, pp.97-132, Dec., 2005.
30. Hiroe Yoshinobu, Shinji Kaneko and Masaru Ichihashi, "Analysis of CO2 Emission in Urban Area using IO model and the Implication in Region to the Policy for Global Warming," (in Japanese), *Journal of Japan Society of Civil Engineers, Ser. G (Environmental Research)*,

Vol.33, pp.389-397, Oct., 2005.

31. Masaru Ichihashi, Shinji Kaneko and Hiroe Yoshinobu, "Induced Effect and the Environmental Burden in Interregional Trading over the Border – the case of Tokyo and Beijing - ," (in Japanese), *Journal of Japan Society of Civil Engineers, Ser. G (Environmental Research)*, Vol.33, p305-315, Oct., 2005.
32. Masaru Ichihashi, "The Characteristics of Input Coefficient and the Structure of Industrial Network in Asia Economy," (in Japanese), *Studies in Social Sciences* (Faculty of Integrated Arts and Science in HU) , pp.29 - 54, 2001.
33. Masaru Ichihashi, "Industrial Network Structure in Input-Output Data," (in Japanese), *Studies on Regional Economics*, vol.12, , pp.29-53, 2001.
34. Masaru Ichihashi, "General Equilibrium Theory and Axiom of Choice – Boundary problem between Economics and Mathematics -," (in Japanese), *Studies in Social Sciences* (Faculty of Integrated Arts and Science in HU) ,vol.26, pp.25 - 52, 2000.
35. Masaru Ichihashi, "Measuring of interregional trade relations over the border - an example of Hiroshima and Heilongjiang -," *Studies on Regional Economics* (Regional Economics Center of Faculty of Economics in HU), Vol.11, pp. 31 - 43, 2000.
36. Masaru Ichihashi, Yasuki Ochi and Koichi Yasutake, "Basic relations between Social Accounts and Warlas' Law with some economic identities," *Studies in Social Sciences* (Faculty of Integrated Arts and Science in HU) , Vol.25, Dec., pp.81 - 107. 1999.
37. Masaru Ichihashi, "New growth type industries of Japanese Economy," *Studies on Regional Economics*(Regional Economics Center of Faculty of Economics in HU), Vol.9, March, pp.35 - 49. 1998.
38. Masaru Ichihashi, Yoshiaki Iiguni and Hiromi Ikeda, "Analysis of Repercussion Process in IO and the Convergence ratio to the Inverse," (in Japanese), *Studies in Social Sciences* (Faculty of Integrated Arts and Science in HU) ,vol. 23, pp.1-26. 1997.12
39. Masaru Ichihashi, "Inquiry on integration of Modern Social Sciences," (in Japanese), *Studies in Social Sciences* (Faculty of Integrated Arts and Science in HU) ,vol.22, pp.39--91. 1996.
40. Masaru Ichihashi, "Industrial Structure with Repercussion Paths Matrix," (in Japanese), *Studies in Social Sciences* (Faculty of Integrated Arts and Science in HU) ,vol. 21, pp.47--66. 1995.
41. Masaru Ichihashi, "Qualitative Structure of Japanese Economy and Domestic Demand," (in Japanese), *Review of Administration and Financial Affairs*, vol. 25, pp.33--39. 1995.
42. Masaru Ichihashi, Kentaro Sano and Yasuki Ochi, "Introducing of Debate to Economics Education," (in Japanese), *Economics Education* (The Japan Society for Economics Education), vol.14, pp.58-70. 1995.
43. Masaru Ichihashi, "Industrial TFP and Return Rate of Company," *Statistics* (Japan Society of Economic Statistics), Vol. 57, pp.41 - 63. 1989.

Discussion papers:

1. Bin Kamal Md Khalid, Ichihashi, Masaru and Mohammad Osman Gani, (2020), “ Consumer Adoption of Mobile Financial Services (MFS) in Bangladesh: A Randomized Conjoint Experiment”, IDEC DP2 Series Vol. 10 No. 5, Hiroshima University, Graduate School for International Development and Cooperation (IDEC), pp.1-22.
2. Tulsi Ram Aryal and Masaru Ichihashi, (2020), “A Choice-Based Conjoint Experiment on Commuters’ Preferences for Public Transport Services: A Case Study of Kathmandu”, IDEC DP2 Series, Vol. 10, No. 4, Hiroshima University, Graduate School for International Development and Cooperation (IDEC), pp.1-22.
3. Marisa Suhaila and Masaru Ichihashi, (2020), “The Relationship between Manufacture Foreign Direct Investment in Indonesia and Indonesia's Bilateral Intra-Industry Trade with Japan, China, and ASEAN-9”, IDEC DP2 Series, Vol. 10, No. 3, Hiroshima University, Graduate School for International Development and Cooperation (IDEC), pp.1-14.
4. Masaru Ichihashi, (2020), "A Note of Philosophical Thought on Poverty Reduction through Industrialization", IDEC DP2 Series, Vol. 10, No. 1, Hiroshima University, Graduate School for International Development and Cooperation (IDEC), pp.1-12.
5. Masaru Ichihashi, (2019), "Notes on the Historical Approach as a Methodology of Macroeconomics: A Critique to Contemporary Macroeconomics", IDEC DP2 Series, Vol. 9, No. 3, Hiroshima University, Graduate School for International Development and Cooperation (IDEC), pp.1-23.
6. Muhammad Tashfiq Huq and Masaru Ichihashi, (2018), “Relation between Foreign Currency Borrowings and Foreign Exchange Rate Volatility: Evidence from Bangladesh Economy”, IDEC DP2 Series, Vol. 8, No. 8, Hiroshima University, Graduate School for International Development and Cooperation (IDEC), pp.1-23.
7. E.M. Indima Upashalini Edirisinghe and Masaru Ichihashi, (2018), “The Influence of Government Expenditures on Economy in Sri Lanka”, IDEC DP2 Series, Vol. 8, No. 6, Hiroshima University, Graduate School for International Development and Cooperation (IDEC), pp.1-27.
8. Bahrul Muflih and Masaru Ichihashi, (2018), “The Impact of the Yogyakarta Idiosyncrasy Fund on the Tourism Sector in Yogyakarta”, IDEC DP2 Series, Vol. 8, No. 5, Hiroshima University, Graduate School for International Development and Cooperation (IDEC), pp.1-18.
9. Daisaku Goto, Soulixay Hongsakhone, Masaru Ichihashi, Takahiro Ito and Yuichiro Yoshida, (2018), “To Help or Ostracize ? the Victims of Unexploded Ordnance from the Vietnam War in Northern Lao”, IDEC DP2 Series, Vol. 8, No. 2, Hiroshima University, Graduate School for International Development and Cooperation (IDEC), pp.1-19.

10. Hnin Htet Htet Win and Masaru Ichihashi, (2017), "Relationship between Financial Development and Foreign Direct Investment", IDEC DP2 Series 7-2, Hiroshima University, Graduate School for International Development and Cooperation (IDEC), pp.1-24.
11. Masaru Ichihashi, (2016), "Notes on Comparative Economic Development", IDEC DP2 Series 6-3, Hiroshima University, Graduate School for International Development and Cooperation (IDEC), pp.1-67.
12. Rasika Perera and Masaru Ichihashi, (2016), "Financial Development and Economic Growth in Sri Lanka", IDEC DP2 Series 6-6, Hiroshima University, Graduate School for International Development and Cooperation (IDEC), pp.1-23.
13. Ferika Pujiharini and Masaru Ichihashi, (2016), "The Impact of Visa-Free Entry on the Determinants of Inbound Tourism Demand in Indonesia", IDEC DP2 Series 6-5, Hiroshima University, Graduate School for International Development and Cooperation (IDEC), pp.1-25.
14. Masaru Ichihashi and Shunsuke Yano, (2016), "Emissions trading schemes in Japan: their potential and possible impact", IDEC DP2 Series 6-4, Hiroshima University, Graduate School for International Development and Cooperation (IDEC), pp.1-19.
15. Shwe Sin Oo & Masaru Ichihashi, (2015), "How Does Aid For Trade Contribute To ASEAN's Trading?," IDEC DP2 Series 5-2, Hiroshima University, Graduate School for International Development and Cooperation (IDEC), pp.1-33.
16. K.S. Apsara Mendis and Masaru Ichihashi, (2014), "Impact of Government Spending on Education and Health in Sri Lanka: A Provincial Level Analysis," IDEC DP2 (Development Policy Discussion Paper) Series, No. 4-8 pp.1-25.
17. R.A.Susantha Kumara Ranasinghe and Masaru Ichihashi (2014), "The Composition of Government Expenditure and Economic Growth: The Case of Sri Lanka," IDEC DP2 (Development Policy Discussion Paper) Series, No. 4-7 pp.1-20.
18. Andi Sukmana and Masaru Ichihashi (2014), "The Impact of Minimum Wages on Investment and Employment in Indonesia ,", IDEC DP2 (Development Policy Discussion Paper) Series, No. 4-6, pp.1-20.
19. Yutaka Ito, Ram Dhital, Daisaku Goto, Masaru Ichihashi, et.all, (2014), "Social Factors Determining the Physical Design Performances of the Solar Water Pumping Systems in Rural Nepal," IDEC DP2 (Development Policy Discussion Paper) Series, No. 4-2, pp.1-10.
20. Dodampe Gamage Gayan Sri Dayanath and Masaru Ichihashi (2013), "Fiscal Policy and Economic Growth in Presence of Foreign Aid [The Sri Lankan Experience]," IDEC Discussion paper, No 11, pp.1--32, Sep.
21. Anna Triana Falentina and Masaru Ichihashi (2013), "Indonesian Trade: Understanding the Duration and the Determinants of Its Hazard Rate," IDEC Discussion paper, No 10, pp.1--32, Sep.

22. Vatthanamixay Chansomphou and Masaru Ichihashi (2013), "Structural change, labor productivity growth, and convergence of BRIC countries," IDEC DP2 (Development Policy Discussion Paper) Series, No. 3-5, pp.1-66.
23. Zaenal Mutaqin and Masaru Ichihashi (2013), "Widening and Deepening Economic Integration Impact on Bilateral Trade in the Eurozone and ASEAN," IDEC DP2 (Development Policy Discussion Paper) Series, No 3-3, pp.1--28.
24. Dimas Hendra Cipta and Masaru Ichihashi (2012), "Induced Effect Of Government Infrastructure Projects In Indonesia", IDEC Discussion paper2012, pp.1-30.
25. RAMOT Immanuel Apricano Lumbantobing and Masaru ICHIHASHI (2012), "The Effects of Tax Structure on Economic Growth and Income Inequality", IDEC Discussion paper2012, pp.1-26.
26. K.P.N. Tharaka Niroshan Devapriya and Masaru Ichihashi (2012), "How does the budget deficit affect inflation in Sri Lanka", IDEC Discussion paper2012, pp.1-38.
27. Kongphet PHETSAVONG and Masaru ICHIHASHI (2012), "The Impact of Public and Private Investment on Economic Growth: Evidence from Developing Asian Countries", IDEC Discussion paper2012, pp.1-21.
28. Alkadyrova Seil and Masaru Ichihashi (2012), "Sectoral Impact of Indirect Tax Reduction on the Kyrgyz Economy based on Input-Output Analysis", IDEC Discussion paper2012, pp.1-21.
29. Rudy Rahmaddi and Masaru Ichihashi (2012), "The impact of foreign direct investment on host country exports: Sector based evidence from Indonesian manufacturing", IDEC DP2 (Development Policy Discussion Paper) Series, No 2-10, pp.1--29.
30. Zaenal Mutaqin and Masaru Ichihashi (2012), "The Role of Maastricht Criteria and Membership in Determining Convergence in the Eurozone and ASEAN: A Panel Data Analysis", IDEC DP2 (Development Policy Discussion Paper) Series, No 2-7, pp.1--13.
31. Masaru Ichihashi, Satoru Komatsu and Shinji Kaneko (2012), "Economy-wide impacts of consumer responses to environmental information disclosure in Tokyo and the other parts of Japn," IDEC DP2 (Development Policy Discussion Paper) Series, No.2-1, Jan.
32. Masaru Ichihashi and Shinji Kaneko (2011), "Impact Analysis of Changes in The Price of Water Resources in China and Beijing," IDEC DP2 (Development Policy Discussion Paper) Series, No.1-5, Oct.
33. Vatthanamixay CHANSOMP Hou and Masaru Ichihashi (2011), "Foreign aid, foreign direct investment and economic growth of Lao PDR," IDEC DP2 (Development Policy Discussion Paper) Series, No.1-2, Sep.
34. Jiang Jianming and Masaru Ichihashi (2011), "How does FDI affect the regional economic growth in China? Evidence from sub-regions and industries of the Jiangxi Province, P.R.China", IDEC Discussion paper2011, pp.1-24..

35. Jiang Jianming and Masaru Ichihashi (2011), "FOREIGN DIRECT INVESTMENT AND IT'S IMPACT ON REGIONAL ECONOMIC GROWTH IN THE JIANGXI PROVINCE OF P. R. CHINA (2011)," IDEC Discussion paper2011, pp.1-11.
36. Nina Triningsih and Masaru Ichihashi (2010), "The Impact of Poverty and Educational Policy on Child Labor in Indonesia", IDEC Discussion paper2010, pp.1-17.
37. M. Ichihashi, S. Kaneko, and H. Kim (2008), "Soaring Oil Prices Induce Other Energy Product Price Increases And Further Economic Impact in Japan and Korea" IDEC Discussion paper2008, pp.1-26.

Books

1. Masaru Ichihashi, *Economic Analysis for the Structure and Change in Japan*, (in Japanese), Hiroshima University Publication, p.304, 2007.
2. Mikio Furushima, Masaru Ichihashi and Fumitoshi Skanishi, *Elementary Mathematical Statistics*, (in Japanese), Kindai Kagaku sya, p.224, 2007.
3. Masaru Ichihashi, Hiromi Ikeda, Yasuki Ochi and Yoshiaki Iiguni, *Introduction of PC Economics*, (in Japanese), Minami no Kaze sya, p.75, 1993.
4. Information Media Center of Hiroshima University ed., *Basic utility of Information Technology 2008*, (in Japanese), Gakujutsu Tosyo syuppan, p.122, 2008. Chap. 6, Information of Socio-Economic Statistics, pp. 65-82.
5. Information Subject Committee of Faculty of Integrated Arts and Sciences in Hiroshima University ed., *Basic utility of Information Technology 2003*, (in Japanese), Gakujutsu Tosyo syuppan,, p.166, 2003. Chap. 7, Utility of Information in Economic Society, pp.79-91
6. Shigeru Kinoshita, Eiji Doi and Hiromi Mori ed., *Guidebook of Economic statistics 2nd ed.*, (in Japanese), Ohtuski syoten, p.405, 1998. Chap 10-1. company behavior, p.204--209, 14-4. Business Cycle, pp.338--343.
7. Shigeru Kinoshita, Eiji Doi and Hiromi Mori ed., *Guidebook of Economic statistics*, (in Japanese), Ohtuski syoten, p.493, 1992. Chap 8 Company and Management, 8-1. The number of company, 8-2. Company group and diversification, p.208--221, 8-6. Other company statistics, pp.244—251, 12-4. Business Cycle, p.394--403.
8. Hiroshi Izumi, Shigeru Kinoshita, Masatugu Fujie, Hiroshi Ohnishi and Teruaki Fujii ed., *Modernization of Economic Statistics*, Koyo shobo, 1995. Chap 5 Process graph and graph theory, pp.109--126.

Other papers

1. Luciano Charlita de FREITAS, Shinji KANEKO, Masaru ICHIHASHI and Daisaku GOTO (2011), "Current status of the Brazillian ethanol program: Report on Hiroshima University-IDEC's mission to Brazil," *Journal of International Development and Cooperation*,

Proceedings:

1. Zaenal Mutaqin and Masaru Ichihashi, (2013), "Widening and Deepening Economic Integration Impact on Bilateral Trade in the Eurozone and ASEAN", the 8th International Academic Conference, The International Institute of Social and Economic Sciences(IISES), September 16-19, 2013.
2. Zaenal Mutaqin, Masaru Ichihashi, (2012), "Real Convergence in ASEAN and the The Eurozone: Demographic and Maastricht Criteria Roles," 2nd International Conference on Economics, Trade and Development (ICETD), Apr. 8, 2012.
3. Rahmaddi, R., and Ichihashi, M. (2012), "The Changing Pattern of Export Structure and Competitiveness in Indonesia's Manufacturing Sectors: an Overview and Assessment," 2nd International Conference on Economics, Trade and Development (ICETD), Apr. 8, 2012.
4. M. Ichihashi and H. Fujii, "A Comparative Analysis for Japanese Firm Productivity: Solow Residual and DEA Malmquist", Global Academy of Business & Economic Research (GABER) International Conference, The Chaleena Hotel, Bangkok, Thailand, December 28-30, 2008.
5. S. Kaneko, S. Dhakal, M. Ichihashi, "Urban transformation and carbon footprint of mega-cities in Japan and China, Urban metabolism: measuring the ecological city," ConAccount 2008, Prague City Hall, the Czech Rrepublic, September 11-12, 2008.
6. M. Ichihashi, S. Kaneko and H. Kim, "Soaring Oil Prices Induce Other Energy Product Price Increases And Further Economic Impact in Japan and Korea", Asia Energy Environment Modeling Forum (AEEMF) 4th Annual Workshop, Fudan University, Shanghai, China, June 3, 2008.
7. Shinji Kaneko and Masaru Ichihashi, "Analysis of International Interdependence between China and Japan from the Perspective of Interregional Economic and Environmental Interactions", *Proceedings of IAEE 30th Conference*, pp.171-184,2007.
8. Kaneko, S. and Ichihashi,M., "Analysis of International Interdependence between China and Japan from the Perspective of Interregional Economic and Environmental Interactions",Workshop on Material Flows and Environmental Impacts associated with Massive Consumption of Natural Resources and Products, EPOCHAL TSUKUBA, Tsukuba, Japan, November 17, 2006.
9. Masaru Ichihashi, "Re-measurement of Economic Interdependency between two regions –Using Japan-China IO table- ," (in Chinese) , *Proceedings of The 3rd International Conference of Japan and China Socio-Economic Society*, pp.195 -- 203, 2000.

Presentations :

1. Sengsourivong, B. and Ichihashi, M., (2019), Effectiveness of Irrigation Access on Sticky Rice Productivity: Evidence from Lao PDR. 58th OSEAL Forum Hiroshima.
2. Nguyen Thi Bich Ngoc & Ichihashi Masaru, (2019), Farmer Union Membership Influence on Household's Welfare and Production: Evidence from rural households in Vietnam. 2019 North American Economic Science Association (ESA) Meeting. October 10-13, 2019, California, USA.
3. Sengsourivong, B. and Ichihashi, M., (2018), Can Households with Irrigation Perform Better in Rice Production in Lao PDR? Evidence from Propensity Score Method. The 5th Japan Society for International Development (JASID) Western Japan Research Meeting.
4. Sengsourivong, B. and Ichihashi, M.,(2018), Effectiveness of Irrigation Duration on Rice Production: Evidence from Lao PDR. The 17th International Conference of the Japan Economic Policy Association (JEPA).
5. Nguyen Thi Bich Ngoc, Ichihashi Masaru & Kakinaka, M. (2018). The Link between Financial Leverage and Investment Decisions in Vietnam's Small and Medium Sized Enterprises. International Conference on Advancement in Business management, Social Science, Economics and Information Technology. November 21-22, 2018. Bali, Indonesia.
6. Nguyen Thi Bich Ngoc & Ichihashi Masaru, (2017), Does Farmer Union Group Borrower have any Impact on Household Economic Performance in Rural Areas in Vietnam. The 16th International Conference of the Japan Economic Policy Association. November 3-5, 2017, Okinawa, Japan.
7. Soulixay Hongsakhone & Masaru Ichihashi, (2017), "Making a Village Input-Output Table (VIOT) from Household Survey Data: A case study of a rural village in northern Lao PDR", *The 25th International Input-Output Association: IIOA Conference*, June 19-23, 2017, Atlantic City, New Jersey, USA.
8. Md. AZAD Uddin, Keisuke KAWATA and Masaru ICHIHASHI (2015), "An Unconditional Quantile Regression Decomposition of Rural-Urban Income Inequality of Bangladesh: 2000-2010", The 14th International Conference of the Japan Economic Policy Association, Nov. 7-8th, 2015, Tokyo.
9. Zaenal Mutaqin, Masaru Ichihashi(2012), "Real Convergence in ASEAN and the Eurozone: Demographic and Maastricht Criteria Roles," 2nd International Conference on Economics, Trade and Development (ICETD), Apr. 8, 2012.
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and Assessment," 2nd International Conference on Economics, Trade and Development (ICETD), Apr. 8, 2012.

11. Vatthanamixay CHANSOMPHOU and Masaru ICHIHASHI, "Exports and long-run economic growth: An empirical study using an endogenous growth model", The 13th International Convention of the East Asian Economic Association, Date: 19-20 October 2012, Singapore.
12. Masaru Ichihashi, "The macro economic impact of consumers behavior influenced by environmental information," (invitation) at the 1st meeting of Japan Management System Association 2012 and Chugoku-Shikoku branch of Japan Operation Research Society, Sep. 29, 2012.
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