

1. 学歴

- 1999年 3月 東京都立大学経済学部卒業
1999年 4月 東京都立大学大学院社会科学研究科修士課程入学
2001年 3月 同課程修了 経済学修士号取得
2001年 9月 シカゴ大学経済学部博士課程入学
2007年 8月 同校卒業, Ph. D. in economics 取得

2. 職歴・研究歴

- 2007年 9月 - 2008年 9月 国際開発高等教育機構リサーチ・フェロー
政策研究大学院大学講師（兼任）
2008年 10月 - 2009年 9月 政策研究大学院大学助教授
世界銀行チーフエコノミスト短期コンサルタント(兼任)
2009年 10月 - 2011年 9月 国際開発高等教育機構ファカルティ・フェロー
政策研究大学院大学連携助教授（兼任）
2010年 10月 - 2011年 9月 世界銀行チーフエコノミスト短期コンサルタント（兼任）
2011年 10月 - 2012年 3月 政策研究大学院大学助教授
2012年 4月 - 2018年 3月 一橋大学大学院経済学研究科専任講師
2018年 4月 - 2022年 7月 一橋大学大学院経済学研究科准教授
2021年 4月 - 東京工業大学エネルギー情報卓越教育院准教授(クロスアポイントメント)
2022年 8月 - 一橋大学大学院経済学研究科教授

3. 学内教育活動

A. 担当講義名

(a) 学部学生向け

地域経済総論 B, 地域経済総論 C

(b) 大学院

地域研究方法論

B. ゼミナール

学部後期, 大学院

C. 講義およびゼミナールの指導方針

学部講義では、経済理論と計量経済学の手法を用いて、世界の貧しい国や地域の実態を紹介し、どうすれば貧しい国がなくなるのかを考えます。ゼミでは、経済理論と計量経済学の手法を実際に使い、自分が興味ある問題に取り組みます。また、海外でのゼミ合宿を通じて、自分で見て、聞いて、確かめることを大切にし、世界の現実

に関心を持ってもらえたらと思います。経済学で培われる論理的思考,そしてさまざまな分析手法は,社会が抱える課題を理解し,解決へと導くためにあるのですから。

大学院講義においては,とくに開発経済学・地域経済学の分野で論文を書くために有用な、現地調査の方法やマイクロ計量経済学の手法を中心に講義します。

4. 主な研究テーマ

日本を含むアジアとアフリカにおいて,

- (1)農業発展,
 - (2)産業発展,
 - (3)貧困および所得格差,
 - (4)教育, 人的資本蓄積,
- などについて研究しています。

5. 研究活動

A. 業績

(a) 著書・編著

Rice Green Revolution in Sub-Saharan Africa, forthcoming in March 2023, Springer (with Keiji Otsuka and Kazushi Takahashi)

(b) 論文(査読つき論文には*)

- * "Agglomeration Economies and Geographical Concentration of Industries: A Case Study of Manufacturing Sectors in Postwar Japan," (with Keiji Otsuka) *Journal of the Japanese and International Economies*, 14 (3), pp.189-203: September, 2000.
- "Essays on cluster-based industrial development," Ph.D. dissertation submitted to the University of Chicago, 2007.
- * "Local and Personal Networks in Employment and the Development of Labor Markets: Evidence from the Cut Flower Industry in Ethiopia," (with Takashi Yamano, Aya Suzuki, and Tomoya Matsumoto), *World Development*, 39 (10), pp.1760-1770, October, 2011.
- * "The Effects of a Husband's Education and Family Structure on Labor Force Participation and Earnings among Japanese Married Women," (with Eiji Yamamura), *The Japanese Economy*, 38 (3) , pp.71-91, Fall 2011.
- * "Labor Market Competitiveness and the Size of the Informal Sector," (with Hideaki Goto), *Journal of Population Economics*, 25 (2), pp.495-509, 2012.
- * "Entrepreneurial Skills and Industrial Development: The Case of a Car Repair and Metalworking Cluster in Ghana," (with Alhassan Iddrisu and Tetsushi Sonobe), *Journal of the Knowledge Economy*: 3 (3), pp.302-326, 2012.
- * "The Relationship Between the Effects of a Wife's Education on her Husband's Earnings and her Labor Participation: Japan in the period 2000-2003," (with Eiji Yamamura), forthcoming in *International Advances in Economic Research*.
- * "How Can Micro and Small Enterprises in Sub-Saharan Africa Become More Productive? The Impacts of Experimental Basic Managerial Training," (with Alhassan Iddrisu, Yutaka Yoshino, and Tetsushi Sonobe), *World Development*, 40(3), pp.458-468, 2012.

- * "Job Choice of Three Generations in Rural Laos," (with Jonna Estudillo and Saygnasak Seng-Arloun), *Journal of Development Studies*, 49(7), pp.991–1009, 2013.
- * "Human Capital Accumulation through Interaction within a Married Couple: Comparison between a Housewife and a Working Wife,"(with Eiji Yamamura), *Asian Economic Journal*, 27(4), pp.323-339, 2013.
- * "Teaching KAIZEN to Small Business Owners: An Experiment in a Metalworking Cluster in Nairobi," (with John Akoten, Yutaka Yoshino, and Tetsushi Sonobe), *Journal of the Japanese and International Economies*, September 2014.
- * "Poor parents, rich children: the role of schooling, non farm work, and migration in rural Philippines," (Jonna Estudillo, Yasusuki Sawada and Keijiro Otsuka), *Philippine Review of Economics*, 51(2), pp.21-46, December 2014.
- * "Industrial Development through Takeovers and Exits: the case of the cut flower exporters in Ethiopia," (with Aya Suzuki), *Journal of Entrepreneurship & Organization Management*, 4(2), 2015.
- * "The Role of Access to Credit on Rice Green Revolution in Sub Saharan Africa: The Case of Mwea Irrigation Scheme," (with Njeru Timothy Njagi and Keijiro Otsuka), *Journal of African Economies*, 25 (2), 2016.
- * "Earnings, Savings, and Job Satisfaction in a Labor-intensive Export Sector: Evidence from the Cut Flower Industry in Ethiopia," (with Aya Suzuki and Girum Abebe), *World Development*, 110, pp.176-191, 2018.
- * "Changing saving and investment behavior: the impact of financial literacy training and reminders on micro-businesses," (with Girum Abebe and Biruk Tekle), *Journal of African Economies*, 27 (5), 2018.
- * "Learning from experts and peer farmers about rice production: Experimental evidence from Cote d'Ivoire," (with Kazushi Takahashi and Keijiro Otsuka), *World Development*, vol. 122(C), pp.157-169, June 2019. <https://doi.org/10.1016/j.worlddev.2019.05.004>
- * "Reforms for financial protection schemes towards universal health coverage, Senegal,"(with Bocar Mamadou Daff, Serigne Diouf, Elhadji Sala Madior Diop, Yukichi Mano, Ryota Nakamura, Mouhamed Mahi Sy, Makoto Tobe, Shotaro Togawad and Mor Ngom), *Bulletin of World Health Organization*, 98, pp.100–108, 2020. <http://dx.doi.org/10.2471/BLT.19.239665>
- * "Mechanisation in Land Preparation and Agricultural Intensification: The Case of Rice Farming in the Cote d'Ivoire," (with Kazushi Takahashi and Keijiro Otsuka), *Agricultural Economics*, 51(6), 2020. <https://doi.org/10.1111/agec.12599>
- * "Economic Viability of Large-scale Irrigation Construction in Sub-Saharan Africa: What if Mwea Irrigation Scheme were Constructed as a Brand-new Scheme?" (with MASAO KIKUCHI, TIMOTHY N. NJAGI, DOUGLAS MERREY†& KEIJIRO OTSUKA), *Journal of Development Studies*, 57(5), pp. 772-789, 2021 <https://doi.org/10.1080/00220388.2020.1826443>
- * "An Inquiry into the Process of Upgrading Rice Milling Service: The Case of Mwea Irrigation Scheme in Kenya," (with Timothy N. Njagi, & Keijiro Otsuka), *Food Policy*, 106, 2022. <https://doi.org/10.1016/j.foodpol.2021.102195>
- * "Operational and structural factors influencing enrolment in community-based health insurance schemes: an observational study using 12 waves of nationwide panel data from Senegal," (Thomas Rouyard, Bocar Daff, Serigne Diouf, Khadidiatou Dia, Laëtitia Duval, Josselin Thuilliez, Ryota Nakamura), *Health Policy and Planning*, Volume 37, Issue 7, August 2022, Pages 858–871 <https://doi.org/10.1093/heapol/czac033>

公刊論文

- "The Location of Industries and Agglomeration Economies: A Case Study of Manufacturing Sectors in Postwar Japan," *Keizai to Keizaigaku*, Tokyo Metropolitan University, Volume 89, July 1999.
- "Job Creation and Growth in the Ethiopian Cut Flowers Industry" in International Labor Organization (ILO) ed. *The Global Development Agenda after Global Recession of 2008-2009: Revisiting the Seoul Development Consensus*, 2012.
- "Teaching KAIZEN to Small Business Owners: An Experiment in a Metalworking Cluster in Nairobi," (with John Akoten, Yutaka Yoshino, and Tetsushi Sonobe), *NBER Chapters, in: Experiments for Development: Achievements and New Directions*, National Bureau of Economic Research, Inc. 2013.
- "書評: Tomoko Hashino and Keijiro Otsuka eds., *Industrial Districts in History and the Developing World*," *国民経済雑誌*, 216(3), pp.85-88, 2017.

ワーキングペーパー

- "Merchants and Rural-based Development: The Formation of Industrial Clusters," GCOE-WP No.25, 2010.
- "Assessing the Impacts of Entrepreneurial Skill Training in Kenya: Analysis of Selection, Recall Bias, and Spillovers," (with Tetsushi Sonobe and Keijiro Otsuka), GCOE-WP No.26, 2010.
- "Assessing the Impacts of Entrepreneurial Skill Training in Ghana: A Randomized Experiment," (with Tetsushi Sonobe and Keijiro Otsuka), GCOE-WP No.27, 2010.
- "Local and Personal Networks in Employment and the Development of Labor Markets: Evidence from the Cut Flower Industry in Ethiopia," (with Takashi Yamano, Aya Suzuki, and Tomoya Matsumoto), GCOE-WP No.29, 2010.
- "An Investigation into the Positive Effect of an Educated Wife on Husband's Earnings: The case of Japan in the period between 2000 and 2003," (with Eiji Yamamura), GCOE-WP No.29, 2010.
- "Labor Market Competitiveness and the Size of the Informal Sector," (with Hideaki Goto), GCOE-WP No.30, 2010.
- "The Relationship Between the Effects of a Wife's Education on her Husband's Earnings and her Labor Participation: Japan in the period 2000-2003," (with Eiji Yamamura), MPRA Paper 22439, University Library of Munich, Germany, 2010.
- "Local and Personal Networks in Employment and the Development of Labor Markets: Evidence from the Cut Flower Industry in Ethiopia," (with Takashi Yamano, Aya Suzuki, and Tomoya Matsumoto), GRIPS Discussion Paper No: 10-29.
- "Effects of Husband's Education and Family Structure on Labor Force Participation and Married Japanese Women's Earnings," (with Eiji Yamamura), MPRA Paper 23957, University Library of Munich, Germany, 2010.
- "Benefits of Agglomeration and Dispersion: The Ethiopian Cut Flower Industry," (with Aya Suzuki), GCOE-WP No.43, 2010.
- "Intergenerational Transmission of Poverty and Inequality: An Exploration in the Rural Philippines," (with Yasuyuki Sawada, Keijiro Otsuka, and Jonna Estudillo), 2011.
- "Industrial Development through Takeovers and Exits: the case of the cut flower exporters in Ethiopia," (with Aya Suzuki), GCOE-WP No.46, 2011.
- "How Can Micro and Small Enterprises in Sub-Saharan Africa Become More Productive? The Impacts of Experimental Basic Managerial Training," (with Alhassan Iddrisu, Yutaka Yoshino, and Tetsushi Sonobe),

GRIPS Discussion Paper No: 11-6.

- "The Effects of a Husband's Education and Family Structure on Labor Force Participation and Earnings among Japanese Married Women," (with Eiji Yamamura) , GCOE-WP No.42, 2011.
- "How Can Micro and Small Enterprises in Sub-Saharan Africa Become More Productive? The Impacts of Experimental Basic Managerial Training," (with Alhassan Iddrisu, Yutaka Yoshino, and Tetsushi Sonobe), submitted.
- "Effects of Wife's Education on Husband's Earnings," (with Eiji Yamamura) , GCOE-WP No.44, 2011.
- "Human Capital Accumulation through Interaction between a Married Couple: Comparison between a Housewife and a Working Wife," (with Eiji Yamamura) , MPRA Paper 28936, University Library of Munich, Germany, 2011.
- "How Can Micro and Small Enterprises in Sub-Saharan Africa Become More Productive? The Impacts of Experimental Basic Managerial Training," (with Alhassan Iddrisu, Yutaka Yoshino and Tetsushi Sonobe), TCER Working Paper Series E-23, 2011.
- "Industrial Development through Takeovers and Exits: the case of the cut flower exporters in Ethiopia" (with Aya Suzuki), GCOE-WP No.46, 2011.
- "Intergenerational Transmission of Poverty and Inequality: An Exploration in the Rural Philippines" (with Yasuyuki Sawada, Keijiro Otsuka, and Jonna Estudillo), 2011.
- "Are younger women left on the farms? The evolution of the labor market in rural Vietnam," (with Jonna Estudillo, Le Thanh Hue, and Ngueyn Thi Gam), 2012.
- "Teaching KAIZEN to Small Business Owners: An Experiment in a Metalworking Cluster in Nairobi," (with John Akoten, Yutaka Yoshino, and Tetsushi Sonobe), 2013.
- "Measuring Agglomeration Economies: The Case of the Ethiopian Cut flower Industry," (with Aya Suzuki), Discussion Papers 2013-04, Graduate School of Economics, Hitotsubashi University, 2013.
- "Changing saving and investment behavior: the impact of financial literacy training and reminders on micro-businesses," (with Girum Abebe and Biruk Tekle) Discussion paper series; No. HIAS-E-15, Hitotsubashi Institute for Advanced Study, Hitotsubashi University.
- "Changing saving and investment behavior: the impact of financial literacy training and reminders on micro-businesses," (with Girum Abebe and Biruk Tekle) Oxford University CSAE Working Paper WPS, 2016-08.
- "Simple Institutions and Social Norms to Escape Poverty Trap: Evidence from Lab and Artefactual Field Experiments in Ethiopia," (with Jun Goto, Girum Abebe and Abebaw Zefu), 2016.
- "Does Contract Farming Work in Rice Farming in SSA: The case of Cote d'Ivoire," (with Keijiro Otsuka and Kazushi Takahashi), 2017.
- "Contract Farming, Farm Mechanization, and Agricultural intensification: The Case of Rice Farming in Cote d'Ivoire," (with Kazushi Takahashi and Keijiro Otsuka), Discussion paper series; No. HIAS-E-54, Hitotsubashi Institute for Advanced Study, Hitotsubashi University. 2017
- "Earnings, Savings, and Job Satisfaction in a Labor-intensive Export Sector: Evidence from the Cut Flower Industry in Ethiopia," (with Aya Suzuki and Girum Abebe), Discussion paper series; No. HIAS-E-55, Hitotsubashi Institute for Advanced Study, Hitotsubashi University.
- "Contract Farming, Farm Mechanization, and Agricultural Intensification: The Case of Rice Farming in Cote d'Ivoire," (with Kazushi Takahashi and Keijiro Otsuka), Working Papers 157, JICA Research Institute. 2017

- "Spillovers as a Driver to Reduce Ex-post Inequality Generated by Randomized Experiments: Evidence from an Agricultural Training Intervention," (with Kazushi Takahashi and Keiji Otsuka), Working Papers 174, JICA Research Institute. 2018
- "Spillovers as a Driver to Reduce Ex-post Inequality Generated by Randomized Experiments: Experiments from an Agricultural Training Intervention," (with Kazushi Takahashi and Keiji Otsuka), Discussion paper series HIAS-E-69, Hitotsubashi Institute for Advanced Study, Hitotsubashi University. 2018
- "Economic Viability of Large-scale Irrigation Construction in 21st Century sub-Saharan Africa: Centering around the Estimation of Construction Costs of Mwea Irrigation Scheme in Kenya," Discussion paper series HIAS-E-87, Hitotsubashi Institute for Advanced Study, Hitotsubashi University. 2019
- "Economic Viability of Large-scale Irrigation Construction in 21st Century Sub-Saharan Africa: Centering around an Estimation of the Construction Costs of the Mwea Irrigation Scheme in Kenya," Working Papers 200, JICA Research Institute. 2020
- "An Inquiry into the Process of Upgrading Rice Milling Service: The Case of Mwea Irrigation Scheme in Kenya," JICA-Sadako-Ogata-RI Working Paper No.220, 2021.
- "An Inquiry into the Process of Upgrading Rice Milling Service: The Case of Mwea Irrigation Scheme in Kenya" (with Timothy Njagi Njeru, Keiji Otsuka), Discussion paper series HIAS-E 105, 2021
- "Mobile money and shock-coping: Urban migrants and rural families in Bangladesh under the COVID-19 shock" (with Egami Hiroyuki & Tomoya Matsumoto) Discussion paper series HIAS-E 109, 2021
- "Governance of fertilizer quality in Vietnam: government and market initiatives" (with Kojin Emi, Do Van Hoang, Nguyen Thiet, Arimoto Yutaka, Vo Hong Tu, Nguyen Duy Can, Tsukada Kazunari) IDE Discussion Paper 340, March 2022 https://www.ide.go.jp/English/Publish/Reports/Dp/840.html?fbclid=IwAR0TYfdM1-nuW_elZL8LWdv6JRSb6jdPB-KLuVzO95fYeyAQ8UmTgleoHCA

B. 最近の研究活動

(a) 国内外学会発表(基調報告・招待講演には*)

- 2018年6月20日 Hayami Conference, JICA 研究所 (東京都新宿区), "Spillovers as a Driver to Reduce Ex-post Inequality Generated by Randomized Experiments: Evidence from an Agricultural Training Intervention," (joint with Kazushi Takahashi and Keiji Otsuka)
- 2018年12月22日 第22回実験社会科学カンファレンス, 名古屋市立大学 (愛知県名古屋市), "Spillovers as a Driver to Reduce Ex-post Inequality Generated by Randomized Experiments: Evidence from an Agricultural Training Intervention," (joint with Kazushi Takahashi and Keiji Otsuka)
- 2019年2月6日 Economics Seminar, Asian Development Bank (Philippines) "Contract Farming, Farm Mechanization, and Agricultural intensification: The Case of Rice Farming in Cote d'Ivoire," (with Keiji Otsuka and Kazushi Takahashi)
- 2020年12月25日 Discussant to Tetsuya Ogura, Joseph A. Awuni, and Takeshi Sakurai "Why are farmers producing low quality paddy in Sub-Saharan Africa, no incentive or no technology?" Seminar for "An Empirical Analysis on Expanding Rice Production in Sub-Sahara Africa," JICA 緒方貞子平和開発研究所 (東京都新宿区) オンライン開催
- 2021年1月12日 Discussant to Eustadius Francis Magezi, Yuko Nakano, Takeshi Sakurai "Can smallholder farmers benefit from mechanization in Sub-Saharan Africa? Evidence from rice farming in Tanzania" Seminar

for "An Empirical Analysis on Expanding Rice Production in Sub-Sahara Africa," JICA 緒方貞子平和開発研究所（東京都新宿区）オンライン開催

2021年3月16日 Yukichi Mano, Timothy Njeru Njagi, Keijiro Otsuka "An Inquiry into the Process of Upgrading Rice Milling Service: The Case of Mwea Irrigation Scheme in Kenya" Seminar for "An Empirical Analysis on Expanding Rice Production in Sub-Sahara Africa," JICA 緒方貞子平和開発研究所（東京都新宿区）オンライン開催

2021年4月17日 JADE 3rd Conference, Discussant to Hikaru Kawarazaki (University College London) "Haste Makes No Waste: Positive Peer Effects of Speed Competition on Classroom Learning"

2021年8月30日 Discussant to Tetsuya Ogura, Joseph A. Awuni, Takeshi Sakurai "Impact of Quality-based Pricing on Rice Production: Experimental Evidence in Northern Ghana" Seminar for "An Empirical Analysis on Expanding Rice Production in Sub-Sahara Africa," JICA 緒方貞子平和開発研究所（東京都新宿区）オンライン開催

2022年1月4日 Takeshima Hiroyuki and Yukichi Mano "Mechanization and Irrigation for Intensification of Rice Farming" Seminar for "An Empirical Analysis on Expanding Rice Production in Sub-Sahara Africa," JICA 緒方貞子平和開発研究所（東京都新宿区）オンライン開催

(c) 国際研究プロジェクト

2014 - 2018 年度 科学研究費補助金基盤研究(S)「グローバル経済におけるリスクの経済分析～国際経済学の視点から～」(代表者 石川城太)

2018 - 2020 年度 科学研究費補助金挑戦的研究(開拓)「科学的根拠(エビデンス)に基づく教育政策の推進」(代表者 中室牧子)

2018 - 2021 年度 科学研究費補助金基盤研究(B)「「noisy な経験財」のレモン市場問題: 発展途上国の粗悪肥料問題を事例に」(代表者 有本寛)

2018 - 2021 年度 科学研究費補助金基盤研究(B)「モバイルマネーと金融包摂: 出稼ぎ労働者とその家族の送受金, 消費, 投資行動」(代表者 松本朋哉)

2018 - 2022 年度 科学研究費補助金基盤研究(A)「ユニバーサル・ヘルス・カバレッジ事業のインパクト評価」(代表者 佐藤主光)

2020 - 2021 年度 科学研究費挑戦的研究(開拓) Grant-in-Aid for Challenging Research (Pioneering) 「科学的根拠(エビデンス)に基づく教育政策の推進」(代表者 中室牧子)

2020 - 2021 年度 科学研究費基盤研究(A) Grant-in-Aid for Scientific Research (A) 「なぜ一見有望な農業技術が広まらないか? 大規模ランダム化比較試験からの知見」(代表者 高橋和志)

2021 - 2025 年度 科学研究費学術変革領域研究(A) Grant-in-Aid for Transformative Research Areas (A) 「持続可能な水資源ガバナンスのミクロ実証分析」(代表者 松本朋哉)

2022 - 2025 年度 科学研究費基盤研究(B) Grant-in-Aid for Scientific Research (B) 「アフリカの稲作「緑の革命」: 灌漑投資と栽培技術研修の役割の評価」(代表者 大塚啓二郎)

2022 - 2025 年度 科学研究費基盤研究(B) Grant-in-Aid for Scientific Research (B) 「Institutional Innovation for sustainable mechanical rental service for resource-poor farmers」(代表者 Mohammad Abdul Malek)

(d) 研究集会オーガナイズ

2019年8月1, 2日 JADE-HSI カンファレンス 一橋大学

2021年9月3日 HIAS Summer Institute オンライン開催

2022年4月9日 JADE Annual Conference オンライン開催

6. 学内行政

(c) 課外活動顧問

バレーボール部部长

7. 学外活動

(b) 所属学会および学術活動

American Economic Association

日本経済学会

日本国際経済学会

Japanese Association of Development Economics

(d) 高校生向けの出張講義・模擬講義

2018年7月5日 基礎ミクロ経済学 授業聴講 千葉県立東葛飾高校(一橋大学 国立西キャンパス本館)

2018年8月1日 模擬講義 福岡県筑紫丘高校(一橋大学 国立西キャンパス本館)

2019年7月28日 模擬講義 オープンキャンパス(一橋大学 国立西キャンパス本館)

2020年11月26日 模擬講義 千葉県立船橋高等学校(オンライン)

(e) その他(公的機関・各種団体・民間企業等における講演等)

2018年9月27日 "Contract Farming, Farm Mechanization, and Agricultural intensification: The Case of Rice Farming in Cote d'Ivoire," (with Keijiro Otsuka and Kazushi Takahashi) JICA 研究所ランチタイムセミナー (東京都新宿区)

2018年9月28日 "Contract Farming, Farm Mechanization, and Agricultural intensification: The Case of Rice Farming in Cote d'Ivoire," (with Keijiro Otsuka and Kazushi Takahashi) 一般社団法人日本農業機械化協会(東京都中央区)

2022年12月9日 "An Inquiry into the Process of Upgrading Rice Milling Service: The Case of Mwea Irrigation Scheme in Kenya," (with Keijiro Otsuka and Timothy Njagi) JICA 研究所ランチタイムセミナー (オンライン)