

Koichiro Ito

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Appointments

2024– Professor University of Chicago Harris School of Public Policy

Affiliations

2019– Research Associate National Bureau of Economic Research
2016– Affiliated Professor Abdul Latif Jameel Poverty Action Lab
2016– IGC Research Affiliate International Growth Centre
2015– Affiliated Faculty Energy Policy Institute at University of Chicago
2014– Faculty Affiliate E2e Project
2013– Research Fellow Kyoto University Graduate School of Economics

Previous Appointments

2019–2024 Associate Professor (with tenure) University of Chicago Harris School of Public Policy
2018–2019 Visiting Assistant Professor Northwestern University, Department of Economics
2015–2019 Assistant Professor University of Chicago Harris School of Public Policy
2013–2015 Assistant Professor Boston University School of Management
2011–2013 SIEPR Postdoctoral Fellow Stanford Institute for Economic Policy Research
2007–2011 Research Assistant University of California Energy Institute

Previous Affiliations

2014–2023 Research Fellow Research Institute of Economy, Trade and Industry
2013–2019 Faculty Research Fellow National Bureau of Economic Research

Editorial Positions

2023– Board of Editors *American Economic Review*
2015– Associate Editor *Japanese Economic Review*

Education

2011 University of California, Berkeley Ph.D. Agricultural and Resource Economics
2005 University of British Columbia M.A. Economics
2004 Kyoto University B.A. Economics

Honors

2020	Ishikawa Prize, Japanese Economic Association
2019	Distinguished Paper Award, Association of Behavioral Economics and Finance
2018	<i>American Economic Review</i> Excellence in Refereeing Award
2017	The Suntory Prize for Social Sciences and Humanities
2017	The Nikkei Prize for Best Economics Book
2015	Best Lecture Award, Boston Japanese Researchers Forum
2013	<i>American Economic Review</i> Excellence in Refereeing Award
2011	UC Berkeley Competition Policy Center Dissertation Award
2010	Resources for the Future Joseph L. Fisher Doctoral Dissertation Fellowship
2005	University of British Columbia Tuition Scholarship
2004	Showa-Ikeda Prize for Outstanding Research Papers

Published and Accepted Papers

1. “Do Consumers Distinguish Fixed Cost from Variable Cost? “Schmeduling” in Two-Part Tariffs in Energy”, *American Economic Journal: Economic Policy*, conditionally accepted (with Shuang Zhang). [paper](#)
2. “Selection on Welfare Gains: Experimental Evidence from Electricity Plan Choice”, *American Economic Review*, 113 (11): 2937-73, 2023 (with Takanori Ida and Makoto Tanaka). [paper](#) | [slides](#)
3. “The Investment Effects of Market Integration: Evidence from Renewable Energy Expansion in Chile”, *Econometrica*, 91 (5): 1659-1693, 2023 (with Luis Gonzales and Mar Reguant). [paper](#) | [slides](#)
4. “Willingness to Pay for Clean Air: Evidence from Air Purifier Markets in China”, *Journal of Political Economy*, 128 (5): 1627-1672, 2020 (Lead Article, with Shuang Zhang). [paper](#) | [slides](#)
5. “The Economics of Attribute-Based Regulation: Theory and Evidence from Fuel-Economy Standards”, *Review of Economics and Statistics*, 100 (2): 319-336, 2018 (with James Sallee). [paper](#) | [slides](#)
6. “Moral Suasion and Economic Incentives: Field Experimental Evidence from Energy Demand”, *American Economic Journal: Economic Policy*, 10 (1): 240-67, 2018 (with Takanori Ida and Makoto Tanaka). [paper](#) | [slides](#)
7. “Sequential Markets, Market Power and Arbitrage”, *American Economic Review*, 106(7): 1921-57, 2016 (with Mar Reguant). [paper](#) | [slides](#)
8. “Asymmetric Incentives in Subsidies: Evidence from a Large-Scale Electricity Rebate Program,” *American Economic Journal: Economic Policy*, 7(3): 209-37, 2015. [paper](#) | [slides](#)
9. “Do Consumers Respond to Marginal or Average Price? Evidence from Nonlinear Electricity Pricing,” *American Economic Review*, 104(2): 537-63, 2014. [paper](#) | [slides](#)

Working Papers

10. “Choosing Who Chooses: Selection-Driven Targeting in Energy Rebate Programs” (with Takanori Ida, Takunori Ishihara, Daido Kido, Toru Kitagawa, Shosei Sakaguchi, Shusaku Sasaki), September 2023. NBER Working Paper 30469. Revised and resubmitted to *Econometrica*. [paper](#)

11. “Dynamic Targeting: Experimental Evidence from Energy Rebate Programs” (with Takanori Ida, Takunori Ishihara, Daido Kido, Toru Kitagawa, Shosei Sakaguchi, Shusaku Sasaki), June 2024. NBER Working Paper 32561. [paper](#)
12. “International Spillover Effects of Air Pollution: Evidence from Mortality and Health Data” (with Seonmin Will Heo and Rao Kotamarthi), September 2023. NBER Working Paper 30830. *Submitted*. [paper](#)
13. “Information Frictions, Inertia, and Selection on Elasticity: A Field Experiment on Electricity Tariff Choice” (with Takanori Ida and Makoto Tanaka), 2017.

Books

1. “Smart Grid Economics: A Field Experimental Approach to Demand Response”, Springer Singapore, 2024. (with Takanori Ida and Makoto Tanaka).
2. “The Power of Data Analysis: How to Approach Causality”, Kobunsha Shinsho, April, 2017 (284 pages).
 - Received the Suntory Prize for Social Sciences and Humanities
 - Received the Nikkei Prize for Best Economics Book
 - Originally written in Japanese. Translated to Taiwanese in 2017 and Korean in 2018.
3. “The Economics of Smart Grid” with Takanori Ida and Makoto Tanaka, Yuhikaku, May, 2017 (in Japanese).

Book Chapters

1. “Four Proposals to Improve Fuel Economy Standards”, in U.S. Energy Climate Roadmap: Evidence-Based Policies for Effective Action, Energy Policy Institute at the University of Chicago (2021), 122-134.
2. “Electricity market design” in Gendai Keizaigaku no Choryu 2021, Toyo Keizai Shinposha, 2021 (in Japanese).

Other writings

1. “Do Energy Rebate Programs Encourage Conservation?,”
Stanford Institute for Economic Policy Research Policy Brief, #2419, April 2012.
2. “Reforming Japan’s Electricity Sector: Abe’s Push for Deregulation,”
National Bureau of Asian Research, October 2013.

Seminar and Conference Presentations (including upcoming schedules)

- 2024 Texas A&M, University of Calgary, University of Wisconsin—Madison, UC Berkeley Power Conference, World Bank, Columbia University, Coase Project Conference, Northwestern Kellogg, UC Berkeley Energy Camp
- 2023 London School of Economics, Sauder School of Business at University of British Columbia, NBER Summer Institute Environmental and Energy Economics Meeting, NBER Summer Institute Public Economic Meeting, NBER Summer Institute Industrial Organization Program (Discussant), University of Southern California Indoor Air Pollution Research Day, Canadian Resource and Environmental Economics Association (Keynote Speech), University of Maryland, World Bank, Coase Project Conference
- 2022 NBER IO Program Meeting (Winter), POWER Conference at UC Berkeley, NBER Environmental and Energy Economics Program Meeting (Spring), CJEB Japan Economic Seminar, UChicago Conference on the Economics of Energy Markets and Energy Access, UChicago Conference on the Socioeconomic Effects of Air Pollution, UC Berkeley Energy Camp, Paris School of Economics, London School of Economics, Mannheim University/ZEW, Rice University, MIT, Coase Project Conference
- 2021 UC Berkeley Energy Camp, Jinan University, Society for Environmental Economics and Policy Studies (Keynote Speech)
- 2020 POWER Conference at UC Berkeley, Japanese Economic Association's Meeting, Japan Empirical Economics Seminar
- 2019 NBER Environmental and Energy Economics Program Meeting (Spring), Carleton University, UC Berkeley, University of Wisconsin—Madison, Kellogg School of Management, Oberlin College
- 2018 Resources for the Future, University of Chicago (EPIC), Federal Reserve Board, UC Berkeley, J CER, Southern California Edison, University of British Columbia, Vanderbilt, University of Chicago (Booth), Wharton
- 2017 ASSA Annual Meeting, Arizona State University, Toulouse School of Economics, Paris School of Economics, University of Helsinki (HECER), Midwest Economic Association Annual Meeting, Iowa State University, Washington University in St. Louis, University of Southern California, NBER Japan Program Meeting, Stanford University, ITAM
- 2016 ASSA Annual Meeting, University of Calgary, University of Colorado at Boulder, Georgetown University, NBER Environmental and Energy Economics Program Meeting, Midwest Energy Fest, NBER Summer Institute, University of Alberta, Stanford University, University of Chicago EPIC, University of Pittsburg, National University of Singapore, Duke University
- 2015 ASSA Annual Meeting, University of Michigan Ann Arbor, UC Berkeley, Columbia University, University of Chicago, Centre for European Economic Research (ZEW), UC Berkeley POWER Conference on Energy Research and Policy, MIT CEEPR Workshop, UC Berkeley, NBER Japan Program Meeting, University of Connecticut, NBER Development Program Meeting, NBER Chinese Economy Meeting, University of Illinois Urbana Champaign, London School of Economics IGC, Tilburg University, University of Chicago

- 2014 ASSA Annual Meeting, NBER Environmental and Energy Economics Program Meeting, Stanford University, Harvard University, UC Berkeley POWER Conference on Energy Research and Policy, Boston University, NBER Public Economics Program Meeting, MIT CEEPR Workshop, NBER Productivity Lunch, World Bank, UCLA, RIETI, Stanford University Summer Juku, University of Lugano, Swiss Federal Institute of Technology in Zurich (ETH), University of British Columbia, University of Michigan Ann Arbor, Yale University, Harvard University, Boston College
- 2013 ASSA Annual Meeting, Stanford University, POWER Conference on Energy Research and Policy, NBER Spring Meeting, Arizona State University, University of Tokyo, GRIPS, UC Davis, NBER Summer Institute, Michigan State University, Keio University, Resources for the Future
- 2012 UC San Diego, University of Chicago, UC Energy Institute, NBER Summer Institute, Stanford University, Hitotsubashi University
- 2011 Stanford University, Cornell University, University of Maryland, UC Irvine, University of Michigan Ann Arbor, University of Illinois Urbana Champaign, UC Davis, University of Toronto, University of Arizona, Boston University, University of Calgary
- 2010 NBER Summer Institute, International IO Conference, World Congress of Environmental and Resource Economics, POWER Conference on Energy Research and Policy, Kyoto University
- 2009 Camp Resources, Occasional Workshop on Environmental and Resource Economics

Teaching

- 2017– Energy and Environmental Economics III (Ph.D), University of Chicago
- 2016– Applied Econometrics II (Ph.D.), University of Chicago
- 2016 Program Evaluation (MPP), University of Chicago
- 2014–15 Modeling Business Decisions with Data (Undergraduate), Boston University
- 2012–13 Natural Resource and Energy Economics (Ph.D.), Stanford University
- 2011 Public Policy Senior Seminar (Undergraduate), Stanford University
- 2008 Introductory Environmental Economics (Undergraduate), UC Berkeley (TA for Peter Berck)

Committees and Services

- 2023-24 Harris school dean search committee
- 2023-24 Harris school recruiting committee chairs for junior and senior faculty positions
- 2022- Committee on Future Academic Directions on Climate and Energy at UChicago
- 2020-22 Associate Director of Graduate Studies, University of Chicago Harris School
- 2019– Faculty board member, Board of Computing Activities and Services, University of Chicago
- 2017–18 Faculty co-chair, Diversity and Inclusion Advisory Board, University of Chicago Harris School
- 2015– Recruiting Committee for junior and senior faculty positions, University of Chicago Harris School

Conference organizer

- 2022 NBER Summer Institute: Environmental & Energy Economics (with Meredith Fowlie)
- 2022 Griffin Conferences on Energy Markets, Air Pollution, and Climate Change (with Ryan Kellogg)
- 2017- Midwest Energy Fest (with Steve Cicala, Erica Myers, and Mar Reguant)
- 2016–18 EPIC Lunch Seminar, University of Chicago (with Steve Cicala)
- 2016–18 Public Policy and Economics Seminar, UChicago Harris School (with Anjali Adukia)

Refereeing

American Economic Review, American Economic Journals: Applied Economics, American Economic Journal: Economic Policy, American Economic Journal: Microeconomics, Econometrica, Economic Journal, Energy Journal, Energy Policy, European Economic Review, Japanese Economic Review, Journal of Applied Econometrics, Journal of Business and Economic Statistics, Journal of Environmental Economics and Management, Journal of Policy Analysis and Management, Journal of Public Economics, Journal of Political Economy, Journal of the Association of Environmental and Resource Economists, Journal of the European Economic Association, Land Economics, RAND Journal of Economics, Quarterly Journal of Economics, Resource and Energy Economics, Review of Economic Studies, Review of Environmental Economics and Policy, Scandinavian Journal of Economics, Water Resources and Economics; *Grants*: National Science Foundation