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**ACADEMIC QUALIFICATION**

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- July 2008 – Aug. 2013           University of California, Berkeley  
- Ph.D. in Agricultural and Resource Economics
- Sep. 2004 – May 2008           Peking University  
- B.A. in Economics

**CURRENT APPOINTMENT**

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- August. 2021–Now               University of Hong Kong  
- Professor in Economics, Faculty of Business and Economics (Sept. 2023–Now)  
- Professor in Management & Strategy, Faculty of Business and Economics (Sept. 2023–Now)  
- Associate Professor in Economics, Faculty of Business and Economics (July 2021–Aug. 2023)  
- Associate Professor in Management & Strategy, Faculty of Business and Economics (July 2021– Aug. 2023)  
- Director, ESG Research Institute (2023–Now)  
- Associate Director, Institute of China Economy (2022–Now)
- Sept. 2018–Present               University of Chicago (Courtesy Appointment)  
- Research Director, Energy Policy Institute of the University of Chicago (EPIC)-China

**PREVIOUS APPOINTMENT**

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- May 2021–June 2021           Hong Kong University of Science and Technology  
- Associate Professor (Tenured), Division of Social Science, Department of Economics, and Division of Environment & Sustainability
- July 2014–May 2021           Hong Kong University of Science and Technology  
- Assistant Professor, Division of Social Science, Department of Economics, and Division of Environment & Sustainability
- Aug. 2013–July 2014           Harvard University  
- Post-Doctoral Research Fellow, T.H. Chan School of Public Health

**EDITORIAL SERVICES**

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- Co-Editor, *Journal of Environmental Economics and Management*, 2022–
- Co-Editor, *China Economic Review*, 2021–
- Associate Editor, *Environment and Development Economics*, 2019–2022
- Editorial Board, *Journal of Environmental Economics and Management*, 2021–2022
- Editorial Board, *International Review of Environmental and Resource Economics*, 2020–now
- Editorial Board, *Letters in Spatial and Resource Sciences*, 2015–now

## HONORS AND AWARDS

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- 2023 HKU Knowledge Exchange Excellence Award
- 2022 Pei-Kang Chang (Pei-Gang Zhang) Outstanding Achievement Award in Development Economics
- 2022 HKU Business School Faculty Knowledge Exchange Award
- 2021 Masahiko Aoki Best Paper Nomination Award
- 2021 CICC Best Paper Award on Carbon Neutrality 2060
- 2019 World Economic Forum Young Scientist (Worldwide 36 Scientists under Age 40)
- 2018 Gregory Chow Best Paper Award, Chinese Economists Society
- 2017 Masahiko Aoki Best Paper Nomination Award
- 2017 CHPMS Rising Scholar Best Paper Award
- 2015 Gregory Chow Best Paper Award, Chinese Economists Society

## SELECTED PUBLICATIONS

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### Economics Journals

- (1) He, Guojun, Jeffrey T. LaFrance, Jeffrey M. Perloff, and Richard Volpe, “How Do Everyday-Low-Price Supermarkets Adjust Their Prices?” *Review of Industrial Organization*, 2023, <https://doi.org/10.1007/s11151-023-09922-0>.
- (2) He, Guojun and Takanao Tanaka, “Energy Saving May Kill: Evidence from Fukushima Nuclear Accident,” *American Economic Journal: Applied Economics*, 2023, 15(2), 377-414.
- (3) de Janvry, Alain, Guojun He, Elisabeth Sadoulet, Shaoda Wang, and Qiong Zhang, “Subjective Performance Evaluation, Influence Activities, and Bureaucratic Work Behavior: Evidence from China,” *American Economic Review*, 2023, 113(3): 766-99.
- (4) He, Guojun and Maoyong Fan, “Clean Water and Infant Health: Evidence from China,” *Journal of the Association of Environmental and Resource Economists*, 2023, 10(1), 159–193.
- (5) Greenstone, Michael, Guojun He, Ruixue Jia, and Tong Liu, “Can Technology Solve the Principal-Agent Problem? Evidence from Pollution Monitoring in China,” *American Economic Review: Insights*, 2022, 4(1): 54–70.
- (6) He, Guojun and Wenwei Peng, “Guns and Roses: Police Complicity in Organized Prostitution,” *Journal of Public Economics*, 2022, 207: 104599.
- (7) Greenstone, Michael, Guojun He, Shanjun Li, and Eric Zou, “China’s War on Pollution: Evidence from the First Five Years,” *Review of Environmental Economics and Policy*, 2021, 15(2), pp 281–299.
- (8) He, Guojun, Shaoda Wang, and Bing Zhang, “Watering Down Environmental Regulation in China,” *Quarterly Journal of Economics*, 2020, 135 (4), pp 2135–2185.
- (9) He, Guojun, Yang Xie, and Bing Zhang, “Expressways, GDP, and the Environment: The Case of China,” *Journal of Development Economics*, 2020, 145: 102485.
- (10) He, Guojun, Tong Liu, and Maigeng Zhou, “Straw Burning, PM<sub>2.5</sub>, and Death: Evidence from China,” *Journal of Development Economics*, 2020, 145: 102468.
- (11) Cheung, Chun Wai, Guojun He, and Yuhang Pan “Mitigating the Air Pollution Effect? The Remarkable Decline in the Pollution-Mortality Relationship in Hong

- Kong.” *Journal of Environmental Economics and Management*, 2020, 101: 102316.
- (12) Fan, Maoyong, Guojun He, and Maigeng Zhou, “The Winter Choke: Coal-Fired Heating, Air Pollution, and Mortality in China,” *Journal of Health Economics*, 2020, 71: 102316.
- (13) He, Guojun and Shaoda Wang, “Do College Graduates Serving as Village Officials Help Rural China?” *American Economic Journal: Applied Economics*, 2017, 9(4), pp 186–215.
- (14) He, Guojun, Maoyong Fan, and Maigeng Zhou, “The Effect of Air Pollution on Mortality: Evidence from the 2008 Beijing Olympic Games,” *Journal of Environmental Economics and Management*, 2016 (09), Vol. (79), pp. 18–39.
- (15) He, Guojun and Jeffrey M. Perloff, “Surface Water Pollution and Infant Mortality in China,” *Economic Development and Cultural Change*, 2016, Vol. (65), pp. 119–139.
- (16) Ebenstein, Avraham, Maoyong Fan, Guojun He, Michael Greenstone, and Maigeng Zhou “Growth, Pollution, and Life Expectancy: China from 1991-2012,” *American Economic Review (P&P)*, 2015, (5), pp. 226–231.

***Multi-disciplinary Journals*** (corresponding author\*, first author<sup>+</sup>)

- (17) He, Guojun\*<sup>+</sup>, Yuhang Pan<sup>+</sup>, Albert Park<sup>+</sup>, Yasuyuku Sawada<sup>+</sup>, and Elaine S. Tan<sup>+</sup>. “Reducing Single-Use Cutlery with Green Nudges: Evidence from China’s Food Delivery Industry,” *Science*, 8 Sep 2023, Vol 381, Issue 6662.
- (18) Gong, Peng\*, Huadong Guo\*, Bin Chen, Fang Chen, Guojun He, Dong Liang, Zhonghui Liu, Zhongchang Sun, Jin Wu, Zhenci Xu, Dongmei Yan, Hongsheng Zhang. “iEarth: an interdisciplinary framework in the era of big data and AI for sustainable development,” *National Science Review*, June 2023.
- (19) Qi, Jinlei<sup>+</sup>, Dandan Zhang<sup>+</sup>, Xiang Zhang, Tanakao Takana, Yuhang Pan, Peng Yin, Jiangmei Liu, Shuocen Liu, George F. Gao\*, Guojun He\*, Maigeng Zhou\*. “Short-and medium-term impacts of strict anti-contagion policies on non-COVID-19 mortality in China,” *Nature Human Behaviour*, 2021, <https://doi.org/10.1038/s41562-021-01189-3>.
- (20) He, Guojun\*<sup>+</sup>, Yuhang Pan<sup>+</sup>, and Takanao Tanaka<sup>+</sup>, “The Short-term Impacts of COVID-19 Lockdown on Urban Air Pollution in China,” *Nature Sustainability*, 2020, July 7: pp 1–7.
- (21) Ebenstein, Avraham<sup>+</sup>, Maoyong Fan<sup>+</sup>, Michael Greenstone\*<sup>+</sup>, Guojun He<sup>+</sup> and Maigeng Zhou<sup>+</sup>, “New Evidence on the Impact of Sustained Exposure to Air Pollution on Life Expectancy from China’s Huai River Policy,” *Proceedings of National Academy of Sciences*, 2017, 114(39), pp. 10384–10389.
- (22) Yin, Peng<sup>+</sup>, Guojun He<sup>+</sup>, Maoyong Fan, Kowk Yan Chiu, Maoyong Fan, Chang Liu, An Xue, Tong Liu, Yuhang Pan, Quan Mu, Maigeng Zhou\*, “Particulate Air Pollution and Mortality in 38 of China’s Largest Cities: Time-Series Analysis,” *The British Medical Journal*, 2017, 356: j667.
- (23) Zhou, Maigeng<sup>+</sup>, Guojun He<sup>+</sup>, Maoyong Fan, Zhaoxi Wang, Yang Liu, Jing Ma, Zongwei Ma, Jiangmei Liu, Yunning Liu, Linhong Wang\*, Yuanli Liu\*. “Smog Episodes, Fine Particulate Pollution and Mortality in China,” *Environmental Research*. 2015 (136), pp. 396–404.

## WORKING PAPERS

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- (1) Buntaine, Mark, Michael Greenstone, Guojun He, Mengdi Liu, Shaoda Wang, and Bing Zhang, “Does the Squeaky Wheel Gets More Grease? Citizen Participation, Social Media, and Environmental Governance in China,” Revision Requested, *American Economic Review*.
- (2) He, Guojun, Yuhang Pan, and Takanao Tanaka, “Air Pollution and COVID-19 Pandemic: Evidence from China,” Submitted.
- (3) He, Guojun, Yuhang Pan, Yang Xie, “Market vs. Planning: Emission Abatement under Incomplete Information and with Local Externalities,” Submitted.
- (4) Wang, Limin, Guojun He, Bobing Qiu, Xiao Zhang, and Maigeng Zhou, “Grabbing Hand Tight, Bodyweight Light: The Unintended Health Benefits from China’s Anti-Corruption Campaign,” Submitted.
- (5) He, Guojun and Hua Cheng, “Media Competition, Media Capture, and Pollution on China.”
- (6) He, Guojun and Pak Hung Lam, “Locusts Fly, Babies Die: Desert Locusts and Infant Mortality in Sub-Saharan African Countries.”

## KNOWLEDGE EXCHANGE

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- HKU Knowledge Exchange Excellence Award, 2023
- HKU Business School Faculty Knowledge Exchange Award, 2022  
“The Extraordinary Success of China’s War on Pollution”  
<https://www.ke.hku.hk/assets/doc/KEAward/2022/B&E.pdf>

## EXTERNAL RESEARCH FUNDING

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- 2022–2026 UGC Theme-Based Scheme (Co-PI, 3.175 million HKD direct allocation from a total budget of 45 million HKD)
- 2022–2024 UGC General Research Fund (PI, 471,292 HKD)
- 2021–2025 UGC Theme-Based Scheme (Co-PI, 1.693 million HKD direct allocation from a total budget of 48 million HKD)
- 2021–2023 UGC General Research Fund (PI, 627,653 HKD)
- 2021–2024 UNEP-NSFC Joint Research Funding (Co-PI, 3.6 million HKD)
- 2020–2022 CIDEG Key Research Project, Tsinghua University (PI, 470,000 HKD)
- 2020–2022 Job Creation Scheme of the Anti-epidemic Fund 2.0 (PI, 255,840 HKD)
- 2020–2022 EPIC-UCAS Research Grants (PI, 1,230,000 HKD)
- 2017–2019 CEPR-PEDL Research Grant (PI, 264,444 HKD)
- 2017–2019 UGC General Research Fund (PI, 364,876 HKD)
- 2016–2018 UGC Early Career Scheme (PI, 526,900 HKD)

## INVITED TALKS & SEMINARS

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- 2023: Econ Department Lingnan University; HKU-SZRI Financial Development Forum; HKU-SZRI ESG Forum; University of Chicago-China Forum; School of Economics, Zhejiang University; School of Economics, Fudan University; ABFER Annual Conference; SGFIN Inaugural Conference; BSI Forum; HKU iCube ESG Forum; European Finance Association Annual Meeting; School of Environment,

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- Renmin University; National School of Development, Peking University; School of Economics and Management, Beihang University; Beijing Forum; Third Workshop on Frontiers of Environmental Economics Research, Tsinghua University; Second JEEM Conference
- 2022: Stanford Center on China's Economy and Institutions; MIT-Columbia-Cornell Joint Seminar; Department of Accounting, National University of Singapore; NBER EEE Program Meeting; NBER Chinese Economy Meeting; School of Economics, Peking University; WISE, Xiamen University; Business School, Renmin University; CNKI Global Lecture Series on Chinese Economy; Asian Development Bank; USC Marshall School of Business, HKUST Finance, HKUST Econ, CUHK Econ.
  - 2021: IEMS, HKUST; CICC 2060 Carbon Neutrality Forum; Climate Change Economics Forum; CEFMS, Hunan University; Duke-SHJU Environmental Economics Workshop; Economics Department, Jinan University; National School of Development, Peking University; HSBC Business School, Peking University; WeBank Business School, Shenzhen University; School of Management and Economics, CUHK (Shenzhen).
  - 2020: Division of Public Policy, HKUST; GoSee Workshop; China Europe International Business School; NBER Chinese Economy Workgroup Meeting; University of Melbourne; China Economics Summer Institute, HKUST; Fudan-HKBU Joint Seminar; School of Economics, Shandong University.
  - 2019: ASSA, Atlanta; School of Economics and Management, Tsinghua University, Beijing; Faculty of Business and Economics, University of Hong Kong, Hong Kong; Division of Social Science, HKUST, Hong Kong; National School of Management, Peking University, Beijing; WEAI International Conference, Tokyo, Japan; IESR, Jinan University, Guangzhou; SOE, Fudan University, Shanghai; CEMPA, Nanjing University, Nanjing; Antai School of Management, Shanghai Jiao Tong University, Shanghai; Nankai-Yale Conference, Tianjin; NBER Summer Institute, Boston; China Economics Summer Institute, Beijing; WISE, Xiamen University; Guanghua School of Management Peking University, Beijing; School of Applied Economics, Renmin University; EPIC, University of Chicago.
  - 2018: NBER-Chinese Economy Working Group Meeting, Boston; National School of Management, Peking University; CIDEG, Tsinghua University; Department of Economics, Hong Kong Baptist University; Department of Economics, Singapore Management University; Department of Economics, National School of Singapore; Econometric Society China Meeting, Fudan University; Econometric Society Asian Meeting, Seoul.
  - 2017: HKUST IEMS Seminar; China Economics Summer Institute, Tsinghua University; NBER Summer Institute, Boston; EAERE Annual Meeting, Athens; Workshop in Environmental Economics, National School of Development, Peking University; Center for Environmental Management and Policy Analysis, Nanjing University; CES Annual Meeting, Nanjing; Econometric Society Asian Meeting, Hong Kong; Institute of Public Policy Seminar, HKUST; Department of Economics Seminar, Shanghai University of Finance and Economics; Environmental Research Center Seminar, Duke Kunshan University; Antai School of Management, Shanghai

Jiao Tong University; National School of Development, Peking University; New York University Shanghai; Jinan University, Guangzhou; National Graduate Institute for Policy Studies (GRIPS), Tokyo.

- 2016: Institute of Advanced Studies, Shanghai University of Finance and Economics; Department of Economics, Fudan University; HKUST IEMS Empirical Development Seminar; The Northeast Universities Development Consortium (NEUDC) Conference, MIT, Boston; “Green Cities in Asia” Workshop, Tsinghua University; Econometric Society China Meeting, Chengdu; Chinese Center for Disease Control and Prevention, Beijing; Fudan-UC Young Scholars Conference, UCSD; NBER Environmental and Energy Economics Program Meeting, Cambridge; AEA Meeting, San Francisco.
- Before 2015: CES Annual Meeting, Chongqing; The 4th RUSE workshop, Tsinghua University; Political Economy Seminar, HKUST; Economics Department Seminar, HKUST; NBER Conference on the Economics of Environmental Protection in China, Cambridge; Environmental Statistics Seminar, Harvard School of Public Health; ERE seminar, UC Berkeley; WEAI 88th Annual Conference; China Initiative Seminar, Harvard School of Public Health.

## **TEACHING**

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- “Applied Econometrics” (Ph.D. level, ECON 6801), 2021– ; Class size 50.
- “Environmental Economics” (Master level, ECON3232), 2021– ; Class size 20.
- “Environmental Economics” (Undergraduate level, ECON6063), 2021– ; Class size 60.
- “Economics for Environmental Policy and Management” (ENVR 3410), 2014 to 2020; Class size: 40.
- “Introductory Environmental and Health Economics” (ECON/SOSC/ENVR 2310), 2015-2020; Class size: 120.
- “Introductory Environmental Economics” (SOSC 2310), 2014, Class size: 80.
- Guest lecturers for “Quantitative Social Analysis” and “Scientific Understanding of Our World”.

## **GRADUATE STUDENTS SUPERVISION**

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- Ph.D. (completed): Tong Liu (NUS AP), Yuhang Pan (Peking University AP), Wenwei Peng (Harvard Post Doc), Pak Hung Lam (Duke Post Doc)
- Ph.D. (under supervision): Yucheng Quan, Qinrui Xiahou, Kai Mu
- M.Phil. (completed): Chun Wai Cheung, Yuhang Pan, Wenwei Peng, Lanyu Zhu

## **SERVICES/ADMINISTRATION**

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- Search Committee Chair in Applied Economics, HKU Business School, 2023
- Committee Member, Asian Meeting of the Econometric Society, 2023
- Consultant, Asian Development Bank, 2021–2023
- Search Committee Chair in Applied Economics, HKU Business School, 2022
- Consultant, China International Capital Corporation, 2021
- Climate Change Economics Forum, Founding Organizer, 2021

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- HKUST Guangzhou: Urban Government and Design Thrust Area Search and Appointment Committee (Department Level), 2021
  - HKUST Guangzhou: Sustainability, Energy and Environment Thrust Area Committee (University Level), 2019–2020
  - HKUST IEMS Executive Committee (Institute Level), 2017–2019
  - HKUST Sustainability Education Advisory Board (University Level), 2017–2021
  - Judge (University Level), The 14th National Challenge Cup Theme-Based Competition, 2016
  - Search Committee for the Environmental Economist Position (Department Level), Department of Economics, Division of Social Science, and Division of Environment, HKUST, 2014–2016

**[Updated Oct., 2023]**