

JUNJIE ZHANG

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| INTERESTS | Environmental Economics Climate Policy Green Finance | |
| EDUCATION | PhD, Environmental and Resource Economics, Duke University MS, Environmental Engineering, Tsinghua University BS, Environmental Engineering, Tsinghua University BA, Environmental Economics, Renmin University of China | 2003-2008 2001-2003 1999-2001 1996-2001 |
| PRIMARY POSITIONS | Duke Kunshan University , Kunshan, Jiangsu, China Founding Director, Initiative for Sustainable Investment Founding Director, Environmental Research Center Founding Director, International Master of Environmental Policy Duke University , Durham, NC, USA Nicholas School of the Environment Full Professor Associate Professor (with Tenure) University of California, San Diego , La Jolla, CA, USA School of Global Policy and Strategy Department of Economics (by courtesy) Scripps Institution of Oceanography (by courtesy) Associate Professor (with Tenure) Assistant Professor | 2022- 2016-2021 2016-2021 2023- 2016-2023 2015-2016 2008-2015 |
| VISITING POSITIONS | Wuhan University , Hubei, China School of Economics and Management Adjunct Professor Tsinghua University , Beijing, China Schwarzman College Adjunct Professor Volkswagen Visiting Chair in Sustainability University of California, Santa Barbara , CA, USA Bren School of Environmental Science and Management UCE ³ Visiting Scholar | 2023-2026 2022-2024 2021-2022 Fall 2011 |

PROFESSIONAL POSITIONS Huatai Securities Asset Management Company, Board of Directors 2022-
Green Finance Forum of 60, Chief Economist 2021-
Chinese Society for Environmental Sciences, Environmental
Economics Branch, Co-Chair 2017-
Nicholas Institute, Duke University, Advisory Board Member 2016-
Professional Association for China's Environment, Board Member 2015-2020
Asian Association of Env & Resource Economics, Auditor 2017-2019
Asia Society, Senior Adviser 2012-2016

EDITORIAL POSITIONS *Journal of the Assn of Env & Res Econ (JAERE)*, Editorial Council 2020-
Journal of Env Econ & Mgmt (JEEM), Editorial Council 2018-
Journal of Economic Behavior & Organization, Associate Editor 2021-2023
China Economic Review, Co-Editor 2018-2021
Journal of Environment & Development, Editorial Board 2016-2021
Marine Resource Economics, Associate Editor 2011-2016

JOURNAL PUBLICATIONS Wang, Z. and J. Zhang (2023). "The Value of Information Disclosure: Evidence from Mask Consumption in China". *Journal of Environmental Economics and Management* 122, p. 102865.

Wang, W. and J. Zhang (2023). "The Population Affected by Dust in China in the Springtime". *PLOS ONE*.

He, X., Z. Luo, and J. Zhang (2022). "The impact of air pollution on movie theater admissions". *Journal of Environmental Economics and Management* 112, p. 102626.

Wang, J., J. Zhang, and P. Zhang (2022). "Rising temperature threatens China's cropland". *Environmental Research Letters* 17.8, p. 084042.

Cui, J., C. Wang, J. Zhang, and Y. Zheng (2021). "The effectiveness of China's regional carbon market pilots in reducing firm emissions". *Proceedings of the National Academy of Sciences* 118.52, e2109912118.

Karplus, V. J., J. Zhang, and J. Zhao (2021). "Navigating and Evaluating the Labyrinth of Environmental Regulation in China". *Review of Environmental Economics and Policy* 15, pp. 300-322.

Sumaila, U. R., M. Walsh, K. Hoareau, A. Cox, L. Teh, P. Abdallah, W. Akpalu, Z. Anna, D. Benzaken, B. Crona, T. Fitzgerald, L. Heaps, I. Issifu, K. Karousakis, G. M. Lange, A. Leland, D. Miller, K. Sack, D. Shahnaz, T. Thiele, N. Vestergaard, N. Yagi, and J. Zhang (2021). "Financing a sustainable ocean economy". *Nature Communications* 12.1, p. 3259.

Zheng, X., R. Wang, A. Y. Hoekstra, M. S. Krol, Y. Zhang, K. Guo, M. Sanwal, Z. Sun, J. Zhu, J. Zhang, A. Lounsbury, X. Pan, D. Guan, E. G. Hertwich, and C. Wang (2021). "Consideration of culture is vital if we are to achieve the Sustainable Development Goals". *One Earth* 4.2, pp. 307-319.

- Ghanem, D., S. Shen, and J. Zhang (2020). "A Censored Maximum Likelihood Approach to Quantifying Manipulation in China's Air Pollution Data". *Journal of the Association of Environmental and Resource Economists* 7.5, pp. 965–1003.
- Morris, S. D. and J. Zhang (2019). "Validating China's output data using satellite observations". *Macroeconomic Dynamics* 23.8, pp. 3327–3354.
- Zhang, J. and Q. Mu (2018). "Air pollution and defensive expenditures: Evidence from particulate-filtering facemasks". *Journal of Environmental Economics and Management* 92, pp. 517–536.
- Cui, J., J. Zhang, and Y. Zheng (2018). "Carbon pricing induces innovation: Evidence from China's regional carbon market pilots". *American Economic Association Papers & Proceedings* 108, pp. 453–57.
- Long, Y., J. Wang, K. Wu, and J. Zhang (2018). "Population exposure to ambient PM_{2.5} at the subdistrict level in China". *International Journal of Environmental Research and Public Health* 15.12, p. 2683.
- Li, J. and J. Zhang (2018). "Regional cooperation on carbon markets in east Asia". *Asian Development Review* 35.2, pp. 153–179.
- Zhang, P., O. Deschenes, K. Meng, and J. Zhang (2018). "Temperature effects on productivity and factor reallocation: Evidence from a half million Chinese manufacturing plants". *Journal of Environmental Economics and Management* 88, pp. 1–17.
- Yang, Y., J. Zhang, and C. Wang (2018). "Forecasting China's carbon intensity: Is China on track to comply with its Copenhagen commitment?" *Energy Journal* 39.2, pp. 147–171.
- Zhang, J., Z. Wang, and X. Du (2017). "Lessons learned from China's regional carbon market pilots". *Economics of Energy & Environmental Policy* 6.2, pp. 1–20.
- Zhang, P., J. Zhang, and M. Chen (2017). "Economic impacts of climate change on agriculture: The importance of additional climatic variables other than temperature and precipitation". *Journal of Environmental Economics and Management* 83, pp. 8–31.
- Wang, C., Y. Yang, and J. Zhang (2015). "China's sectoral strategies in energy conservation and carbon mitigation". *Climate Policy* 15, pp. 60–80.
- Zhang, J. and C. Wang (2014). "China's hydrofluorocarbon challenge". *Nature Climate Change* 4.11, pp. 943–945.
- Ghanem, D. and J. Zhang (2014). "Effortless perfection: Do Chinese cities manipulate air pollution data?" *Journal of Environmental Economics and Management* 68.2, pp. 203–225.
- Bi, J., O. R. Young, R. Costanza, L. Liu, R. Kasperson, Y. Qi, D. Guttman, K. Jiang, D. Mazmanian, S. Zhang, J. Zhang, G. Osherenko, R. Percival, B. Zhang, H. Wang, P. He, and M. Liu (2014). "Same dream, different beds: Can America and China take effective steps to solve the climate problem?" *Global Environmental Change* 24, pp. 2–4.

Liu, A. and J. Zhang (2013). "Fiscal decentralization and environmental infrastructure in China". *B.E. Journal of Economic Analysis and Policy* 13.2, pp. 733–759.

Zhang, J. (2013). "The incentives for China's climate actions". *International Affairs Forum* 4.1, pp. 27–31.

Zhang, J., J. Fleming, and R. Goericke (2012). "Fishermen's perspectives on climate variability". *Marine Policy* 36.2, pp. 466–472.

Zhang, J. and M. D. Smith (2011a). "Estimation of a generalized fishery model: A two-stage approach". *Review of Economics and Statistics* 93.2, pp. 690–699.

Zhang, J. and C. Wang (2011). "Co-benefits and additionality of the Clean Development Mechanism: An empirical analysis". *Journal of Environmental Economics and Management* 62.2, pp. 140–154.

Zhang, J. and M. D. Smith (2011b). "Heterogeneous response to marine reserve formation: A sorting model approach". *Environmental and Resource Economics* 49.3, pp. 311–325.

Li, S., Y. Liu, and J. Zhang (2011). "Lose some, save some: Obesity, automobile demand, and gasoline consumption". *Journal of Environmental Economics and Management* 61.1, pp. 52–66.

Zhang, J. (2011). "Behavioral response to stock abundance in exploiting common-pool resources". *B.E. Journal of Economic Analysis and Policy* 11.1.

Smith, M. D., J. Zhang, and F. C. Coleman (2008). "Econometric modeling of fisheries with complex life histories: Avoiding biological management failures". *Journal of Environmental Economics and Management* 55.3, pp. 265–280.

Smith, M. D., J. Zhang, and F. C. Coleman (2007). "Structural modeling of marine reserves with Bayesian estimation". *Marine Resource Economics* 22.2, pp. 121–136.

Smith, M. D., J. Zhang, and F. C. Coleman (2006). "Effectiveness of marine reserves for large-scale fisheries management". *Canadian Journal of Fisheries and Aquatic Sciences* 63.1, pp. 153–164.

WORKING PAPERS

Cui, J., C. Wang, Z. Wang, J. Zhang, and Y. Zheng (2023). "Carbon Leakage within Firm Ownership Networks". *In Submission*.

Cui, J., J. Zhang, and Y. Zheng (2023). "Carbon Price, Innovation, and Firm Competitiveness". *In Submission*.

BOOK CHAPTERS & REPORTS

Goron, C. and J. Zhang (2023). *Pathways Towards a Just Transition to Carbon Neutrality in China*. Friedrich-Ebert-Stiftung.

Wang, W. and J. Zhang (2023). *Ocean-based carbon dioxide removal landscape in China*. ClimateWorks Foundation.

Huang, Z. and J. Zhang (2018). “Developing non-market approaches through regional cooperation platforms”. In: Stavins, R. N. and R. C. Stowe. *International Cooperation in East Asia to Address Climate Change*. Harvard University Belfer Center.

Zhang, J., D. Liu, L. Xue, X. Chen, and H. Wu (2017). *Achieving a Socially Equitable Energy Transition in China*. Friedrich-Ebert-Stiftung.

Auffhammer, M., C.-Y. C. L. Lawell, J. Bushnell, O. Deschenes, and J. Zhang (2016). “Economic considerations: Cost-effective and efficient climate policies”. In: *Bending the Curve: Ten Scalable Solutions for Carbon Neutrality and Climate Stability*. Ed. by V. Ramanathan. Vol. 2. 1. Collabra. Chap. 4, pp. 1–14.

Zhang, J. (2012). *Delivering Environmentally Sustainable Economic Growth: The Case of China*. Asia Society Policy Report.

**CHINESE
PUBLICATIONS**

Zou, J., Q. Chai, J. Chen, S. F. X. Ge, M. Hu, A. Li, D. Lin, Y. Lin, D. Liu, J. Liu, S. Liu, Y. Qi, K. Wang, S. Wang, and J. Zhang (2019). “The roadmap of China’s national carbon emission trading scheme”. *Climate Change Research* 15.3, pp. 217–221.

Zhang, J. (2018). *Evaluating Green Investment on One Belt and One Road*. People’s Publishing House.

Ge, C., A. Ju, J. Zhang, H. Li, and Z. Dong (2017). *Progress on Environmental Economics*. Vol. 11. China Environmental Science Press.

Zhang, J., S. Zeng, and J. Chen (2004). “A Cost-Effectiveness Analysis for Urban Wastewater Reuse and Long Distance Water Transfer”. *China Water & Wastewater* 20.11, pp. 22–24.

Zhang, J., Y. Zhang, J. Chen, and T. Zhang (2003). “Residential willingness-to-pay for reclaimed water”. *China Water & Wastewater* 19.6, pp. 96–98.

Zhang, J., J. Zou, and J. Chen (2003a). “On the dynamic CO₂ emission baselines in the thermal power sector”. In: *Studies on Climate Change: Progress and Outlook*. Ed. by X. Lu. China Meteorological Press.

Zhang, J., J. Zou, and J. Chen (2003b). “Emission reduction costs in fuel switching”. In: *Studies on Climate Change: Progress and Outlook*. Ed. by X. Lu. China Meteorological Press.

Zou, J., J. Chen, J. Zhang, C. Wang, N. Ai, and X. Qi (2001). “Why did the Bush Administration withdraw the U.S. commitment to control CO₂ emissions?” *Environmental Protection* 5, pp. 36–38.

**EXTERNAL
GRANTS &
CONTRACTS**

National Natural Science Foundation of China, PI 2024-2027
“Economic Consequences of Climate Transition Risk”

Friedrich-Ebert-Stiftung, PI 2023-2024
“Enhancing a Just Transition Finance System for Carbon-Intensive Industries”

| | |
|---|-----------|
| Jiapeng Talent Fund, PI "Sustainable Investment Initiative" | 2022-2024 |
| Energy Foundation, PI "A Low-carbon Transition for China's Information and Communications Technology Industry" | 2022-2024 |
| Asian Development Bank, PI "Cross-Border Market Linkages in Asia and the Pacific" | 2023-2023 |
| The US-China Business Council, PI "Policy Recommendations Report for Contributing to China's Carbon Neutrality Objectives" | 2022-2023 |
| New Energy Nexus, PI "Climate Change Index" | 2022-2023 |
| Packard Foundation and Paradise Foundation, PI "Blue Pioneers Program: Phase II" | 2021-2023 |
| China Three Gorge Group, PI "Green Finance for State Owned Enterprises in the Energy Sector" | 2021-2022 |
| Changdao Municipal Government, PI "Planning of Emissions Peaking and Carbon Neutrality" | 2021-2022 |
| Kunshan High-tech Zone, PI "Strategies and Pathways of Emission Peaking and Carbon Neutrality" | 2021-2022 |
| Energy Foundation, PI "A Study on the Financial Attributes of China's Carbon Market" | 2021-2022 |
| ClimateWorks Foundation, PI "Ocean Carbon Dioxide Removal (CDR) in China" | 2021-2022 |
| German Development Cooperation GIZ Office, Co-PI Deutsch-Chinese Umweltpartnerschaft Phase II | 2021-2022 |
| Friedrich-Ebert-Stiftung, PI "Enabling a Just Transition towards Carbon Neutrality in China" | 2021-2022 |
| Foreign Environmental Cooperation Center, MEE, PI "On the Financial Mechanism of Biodiversity Conservation in China" | 2021-2022 |
| National Natural Science Foundation of China #71773043, PI "An Empirical Study of Air Pollution Cost through the Defensive Expenditure Approach" | 2018-2022 |

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| National Natural Science Foundation of China #71773062, co-PI | 2018-2022 |
| "Impacts of Air Pollution on Labor Market and Economy: Analysis through Coupling Econometric and CGE Models" | |
| US National Science Foundation #1600267, PI | 2016-2022 |
| "Coastal SEES Collaborative Research: Climate change impacts on the sustainability of key fisheries of the California Current System" | |
| China Southern Power Grid, PI | 2016-2022 |
| "Young Energy Observer Program" | |
| Environmental Defense Fund, PI | 2020-2021 |
| "Disentangle the Regulatory Complexity in China's Fisheries Management" | |
| JuFeng Info Technology Co., PI | 2020-2021 |
| "The Design of ESG Index in China" | |
| Suzhou Municipal Government, PI | 2020-2021 |
| "Cost-Benefit Analysis of the Air Quality Improvement Strategy in Suzhou" | |
| Asian Development Bank, Consultant | 2019-2021 |
| "Advanced Renewable Energy Technology Demonstration-TA Implementation Consulting Service" | |
| Packard Foundation and Paradise Foundation, PI | 2019-2021 |
| "Blue Pioneers Program: Phase I" | |
| China Council for Int'l Cooperation on Env & Development, co-PI | 2019-2021 |
| "Special Policy Study on Green Finance" | |
| Kunshan Municipal Government, PI | 2019-2020 |
| "Research on Infants and Mothers' Air Pollution Avoidance Behavior" | |
| China-ASEAN Environmental Cooperation Center, MEE, PI | 2019-2020 |
| "Solid Waste Management and Policy in Thailand" | |
| Energy Foundation, PI | 2017-2019 |
| "An Economic Analysis of the Top-Level Design of China's Carbon Market" | |
| Harbin Institute of Technology, Shenzhen, PI | 2018-2019 |
| "Carbon Pricing and its Impact on Low-carbon Innovation" | |
| National Natural Science Foundation of China #71881220667, PI | 2018 |
| "China-EU Workshop on Urban Sustainable Development" | |
| Shenzhen Financial Association, PI | 2018 |
| "The Role of Green Finance in Carbon Regulations" | |
| National Natural Science Foundation of China #71771010, PI | 2017-2018 |
| "Analysis of the Potential Risks and Policy Responses of the United States' Withdrawal from the Paris Agreement" | |

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| | Chinese Research Academy of Environmental Sciences, MEE, PI | 2017-2018 |
| | "Application of Cost-Benefit Analysis in China's Water Pollution Law" | |
| | Friedrich-Ebert-Stiftung, PI | 2016-2017 |
| | "Achieving a Socially Equitable Energy Transition in China" | |
| | Asian Development Bank, Consultant | 2016-2017 |
| | "Regional Cooperation on Carbon Markets in East Asia" | |
| | Chinese Academy for Environmental Planning, MEE, PI | 2016-2017 |
| | "The Regional Environmental Credit System in China" | |
| | Policy Research Center for Environment and Economy, MEE, PI | 2016-2017 |
| | "Application of Cost-Benefit Analysis in China's Environmental Policy" | |
| | World Bank/GEF, International Consultant on Adaptation | 2012-2016 |
| | "China Climate Technology Needs Assessment" | |
| | US National Science Foundation, Co-I | 2010-2016 |
| | "Ecological Transitions in the California Current Ecosystem: Phase II" | |
| | UC Center for Energy and Environmental Economics, PI | 2013-2014 |
| | "Air Pollution and Avoidance Behavior: Information and Misinformation" | |
| | Korean Association of Industrial Organization, PI | 2013-2014 |
| | "A Study on Improving Capacity Market Structure and Capacity Market" | |
| | Bertelsmann Foundation/Asia Society, PI | 2012-2013 |
| | "Delivering Environmentally Sustainable Economic Growth" | |
| | UC Center for Energy and Environmental Economics, PI | 2012-2013 |
| | "Effortless Perfection: Do Chinese Cities Manipulate Air Pollution Data?" | |
| | US National Oceanic and Atmospheric Administration, PI | 2010-2012 |
| | "The Impact of Climate Change on Fishery Production" | |
| | US National Science Foundation, Co-I | 2009-2011 |
| | "Maps and Locals: A Cross-Site LTER Comparative Study of Land-Cover and Land-Use Change with Spatial Analysis and Local Ecological Knowledge" | |
| INTRAMURAL FUNDING | Duke Kunshan University, PI | 2022-2023 |
| | "Leveraging GPT-4 for ESG Evaluation" | |
| | UCSD Academic Senate, PI | 2015-2016 |
| | "The Impact of Air Pollution on Traffic Fatalities" | |
| | UCSD Policy Design and Evaluation Lab, PI | 2013-2015 |
| | "Using Remote Sensing Technology to Improve Environmental Governance in Developing Countries" | |

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| | UCSD Academic Senate, PI "Resource Competition and Maritime Conflict in the South China Sea" | 2013-2014 |
| | UCSD Center on Emerging and Pacific Economies, PI "Fiscal Incentives and Infrastructure in China" | 2010-2012 |
| | UCSD Academic Senate, PI "Fisheries Management in A Changing Environment" | 2011-2012 |
| | UCSD Center for Pacific Economics, PI "An Empirical Study of the Agglomeration of the Clean Development Mechanism Activities" | 2010-2011 |
| | UCSD Academic Senate, PI "Carbon Reductions in Developing Countries" | 2008-2009 |
| | UCSD Chancellor's Interdisciplinary Collaboration Program, PI "Coastal zone fish and fisheries in the Gulf of California" | 2008-2009 |
| SELECTED HONORS & AWARDS | John V. Krutilla Research Stipend | 2011 |
| | Hellman Fellowship | 2011 |
| | Dr. S.-Y. Hong Award for Outstanding Article | 2008 |
| | Joseph L. Fisher Doctoral Dissertation Award | 2007 |
| | Award for Outstanding Graduates in Tsinghua University | 2003 |
| | Award for Outstanding College Students in Beijing | 1999 |
| SEMINARS & CONFERENCES | 2024: Guolian Securities Volkswagen GroupChina | |
| | 2023: Tsinghua University, School of Public Policy and Management Peking University, School of Economics SEEE Green Finance Forum NDRC, Center for International Cooperation China International Capital Corporation Dentons Law Firm JEEM Conference Asian Development Bank Renmin University, School of Environment and Natural Resources Duke International Forum Hong Kong University, School of Business China International Import Expo Wuhan University, School of Economics and Management Zhongnan University of Finance, Economics and Law GF60 Summit Boeing CAI EDP Program | |

China Environmental Economics Annual Meeting
China-ASEAN Thinktank Strategic Dialogue
Shanghai University of Economics and Finance, ESG Conference
Dishui Lake Advanced Institute of Finance
Taiyuan Low-carbon Summit
CCICED
Agora Energy
Duke China-U.S. Summit
Chinese Economists Society Annual Conference
International Workshop on Climate and the Environment, Oslo, Norway
Dishui Lake Advanced School of Finance, SUFE
Forum on China's Energy, Environment, and Climate Economics, SWUEF
Linnan Forum
National Conference Low-carbon Development Management, SJTU
Duke Alumni Association, Beijing
New Economist Think Tank
Carbon Neutrality Action Alliance Annual Meeting
Stanford University, Freeman Spogli Institute for International Studies

2022:

Green Finance Summit: Tien Lake Forum
Fudan University, Fanhai International School of Finance
International Public Relations Summit Shanghai
Shandong University, Weihai Institute for Interdisciplinary Research
Renmin University, School of Agricultural Economics and Rural Development
Renmin University, School of the Environment
CES Environmental Economics Annual Meeting
Asia Education Summit
Shanghai Low-carbon Innovation Incubator
China International Import Expo
China Europe International Business School, Alumni Association
Wistron Corporation
Friedrich-Ebert-Stiftung Annual Meeting
Renmin University, Macroeconomic Annual Forum (Summer 2022)
Zhejiang Federation of Returned Overseas Chinese
Suzhou Science Culture Forum
The US-China Business Council
OECD Workshop on Environmental Policies: Social and Economic Outcomes
Beijing Jiaotong University, School of Economics and Management
China Economics Annual Conference
Bank of China
Tsinghua University, School of Public Policy and Management
Renmin University, School of Agricultural Economics and Rural Development
The World Bank, Development Research Group
Energy Foundation China
University of Cambridge, Land Economy
Renmin University, School of Business
Harbin Institute of Technology (Shenzhen), School of Management

Tianjin University, School of Management
Duke China-U.S. Summit
Nicholas Institute, Gilman Scholars Program
Development Research Center of the State Council
Duke University, Nicholas School of the Environment
Nanjing University of Finance and Economics, School of Finance
Ngawa Tibetan and Qiang Autonomous Prefecture Government
Kunming Municipal Government
Stanford University, Center on China's Economy and Institutions
Renmin University, Forum of ESG in China
Nengjing
Green Finance Forum of 60

2021:

The U.S.-China Business Council
Tianjin Forum
Green Finance Forum of 60
Alliance of Green Finance Research
Stanford-Tsinghua Workshop on China's National Carbon ETS
Tsinghua-HKU Workshop on Environmental Economics
BRI Green Development Institute
Pudong Executive Leadership Academy, Shanghai
Zhejiang Executive Leadership Institute of Ecological Civilization, Huzhou
BRI Center for Technology Diffusion and Transfer, Shenzhen
Harvard Project Workshop on Guangdong's ETS
Anhui University of Finance & Economics, Statistics & Applied Mathematics
Xiamen University, School of Economics
WEF Strategic Dialogue on Digital Economy and Green Technology
Shandong University, Weihai Institute for Interdisciplinary Research
Wuyi Summit on Asset Management
Wuxi Carbon Neutralization Summit, Wuxi, Jiangsu
Chinese University of Hong Kong, Shenzhen, School of Mgmt & Economics
China-US Climate Change Cooperation Roundtable Discussion

Earlier Conferences and Workshops:

AAEA 2007; AERE Summer Conference 2011, 2012, 2014; All-UC Conference in Energy and Environmental Economics 2013, 2014; Asian Development Review Conference 2017; Asia Society Workshop on Carbon Market Linkage 2017; ASSA 2008, 2010, 2011, 2014, 2015, 2018; Blue Pioneers Program 2019; Camp Resources XXI: Wilmington 2014; CCICED 2016, 2019; CESP; China Environment Chamber of Commerce 2017; China Ocean NGO Forum 2019; China Green Development Forum 2017, 2018; Chinese Economist Society 2018; Chinese Environmental Scholars Forum 2018; Chinese Society for Environmental Sciences Environmental Economics Annual Meeting 2016, 2017; Eco Forum Global 2016; Energy Foundation, Beijing 2019; European Union Chamber of Commerce 2019; EU-Shenzhen ETS Conference 2017; Friedrich-Ebert-Stiftung, New Delhi 2019; GEF China Climate Technology Needs Assessment Confer-

ence 2012; GEN Salon, Beijing 2019; Governors' Global Climate Summit 2009; Green Finance Summit 2016; Green Finance Research Alliance Annual Meeting 2019; Harvard Project East Asia Workshop 2017; Harvard University Workshop on China's Carbon Market 2017; Heartland Workshop on Environmental and Resource Economics 2014; IIFET 2006; INECE 2016; International Conference on EU Environmental Policies and Their Enlightenment 2001; Ji'Nan International Forum 2017; Kubuqi International Desert Forum 2017; Mind-share Energy Symposium 2016; NBER, Conference on the Economics of Environmental Protection in China 2014; Occasional California Workshop: UC Santa Barbara 2013, 2015; Professional Association for China's Environment: Nanjing, China 2015; Shanghai Energy Innovation Forum 2018; Shanghai Forum 2013, 2016, 2018; Society for Benefit-Cost Analysis 2016; ToSee Education 2019; Tsinghua-Harvard Workshop on China's National Carbon-Pricing System, 2020; UCSB Environment Conference 2016; USAEE/IAEE 2013; WCERE 2018; World Green Economy Summit 2018

Earlier Seminars:

Academia Sinica, Institute of Economics; Aquarium of the Pacific; Aspen Congressional Program; Beijing University of Chemical Technology, School of Economics and Management; China University of Political Science and Law, School of Business; Chinese Academy of Environmental Planning; Chinese Academy of Sciences (Institute of Science and Development, Nanjing Institute of Geography and Limnology); Claremont McKenna College, The Robert Day School; Council on Foreign Relations; Dalian University of Technology, School of Environmental Science & Technology; Duke Kunshan University; Duke University (Nicholas Institute for Environmental Policy Solutions, Nicholas School of the Environment, Duke China-U.S. Summit); Economist; Fudan University (RICE CCES Salon, School of Data Science, School of Economics); Georgia Institute of Technology, School of Economics; Henan University, School of Economics; Hong Kong University of Science and Technology, Division of Social Science; Iowa State University, Department of Economics; Ji'Nan University, Institute for Economic and Social Research; Joint Institute for Marine and Atmospheric Research; King Abdullah Petroleum Studies and Research Center; Korea Development Institute; Kunshan Bureau of Finance; Lanzhou University, School of Life Science; Nanjing Normal University, School of Environment; Nanjing University, School of the Environment; National University Singapore, Department of Economics; National Climate Strategic Center; New York University, Shanghai; Ocean University of China, College of Life Science; Pacific Islands Fisheries Science Center; Peking University (College of Environmental Sciences and Engineering, National School of Development, School of Economics); Pudong Executive Leadership Academy; Renmin University of China, School of Environment and Natural Resources; Resources for the Future; Rice University; Sam Houston State University, Department of Economics; Shandong University, Qingdao; Shanghai Business Education and Training Center; Shanghai Institute for International Studies; Shanghai Jiao Tong University, Antai College of Economics and Management; Shanghai University of Finance and Economics, School of Economics; Shanghai University of International Business and Economics, School of Business; Sichuan

University, College of Architecture and Environment; Soongsil University, Department of Economics; Southwest Jiaotong University, Faculty of Geosciences and Environmental Engineering; Southwest University of Economics and Finance (School of Economics, School of Public Administration); Stanford University (Department of Economics, Shorenstein APARC); Sun Yat-sen University (School of Government, School of Law); Suzhou University, School of Politics and Public Management; The University of New Mexico, Department of Economics; Tsinghua University (School of the Environment, School of Public Policy and Management, School of Civil Engineering, School of Journalism); UC Institute on Global Conflict & Cooperation; UC Davis, Agricultural and Resource Economics; UCLA, Luskin School of Public Affairs; UC San Diego (Department of Economics, IR/PS, SIO); UC Santa Barbara (Confucius Institute, Department of Economics); University of Alberta, China Institute; University of Hawaii at Manoa, Department of Economics; University of Southern California, School of International Relations; Wuhan University (School of Economics and Management, School of Law); Xiamen University (College of the Environment and Ecology, School of Economics, Green Finance Forum); Xi'an Jiaotong University (School of Finance and Economics, Jinhe Center for Economic Research); Zhejiang University of Technology, School of Environment

**REFEREE
SERVICES**

Journals:

American Economic Journal: Economic Policy, American Journal of Agricultural Economics, Applied Energy, B.E. Journal of Economic Analysis and Policy, Canadian Journal of Agricultural Economics, China Economic Review, Climate Change Economics, Climatic Change, Ecological Economics, Economic Inquiry, Energy Journal, Energy Policy, Environment and Development Economics, Environmental Economics and Policy Studies, Environmental Science and Technology, Frontiers of Environmental Science and Engineering, International Journal of Sustainable Transportation, Journal of the Association of Environmental and Resource Economists, Journal of Cleaner Production, Journal of Comparative Economics, Journal of Environment and Development, Journal of Environmental Economics and Management, Journal of Environmental Management, Journal of the European Economic Association, Journal of Industrial Ecology, Journal of Public Economics, Land Economics, Management Science, Marine Resource Economics, Philosophical Transactions B, Proceedings of the National Academy of Sciences, Regional Science and Urban Economics, Resource and Energy Economics, Review of Economics and Statistics, Review of Environmental Economics and Policy, Science of the Total Environment, World Bank Economic Review, World Development

Grants:

Alaska Sea Grant College Program, German Ministry of Education & Research, Maine Sea Grant College Program, National Natural Science Foundation of China, National Oceanic and Atmospheric Administration, National Science Foundation, Ohio Agricultural Research and Development Center

Organizations:

Agricultural and Applied Economics Association, Association of Environmental and Resource Economists, China Social Enterprise and Impact Investing Fo-

rum, European Association of Environmental and Resource Economists, IEEE Green Technologies Conference, World Congress of Environmental and Resource Economics, United Nations Environment Programme

Publishers:

MIT Press, Princeton University Press, Routledge, Wiley-Blackwell

TEACHING

Duke Kunshan:

Environmental Economics and Policy Practicum (iMEP)

Sustainable Investing (UG)

Environmental Economics (iMEP)

Chinese Environmental Policy (GLS)

Tsinghua University:

Environmental Governance Globally and in China (Schwarzman)

Key Topics in Green Finance (Schwarzman)

UC San Diego:

Data and Methods (Economics PhD)

International Environmental Policy and Politics (GPS Masters)

Sustainable Development (GPS Masters)

Chinese Energy and Environmental Policy (GPS Masters)

Intro to Marine Biodiversity, Conservation, and Global Change (SIO/IGERT)

Natural Resource Economics (Economics PhD)

Economics of Energy Policy (GPS Masters)

Econ Prep (GPS Masters)

Environmental Capstone (co-teaching, GPS Masters)

**PH.D.
ADVISING**

Duke University:

Yating Li (UPEP '19, McKinsey), Wumeng He (UPEP '21, Wuhan University), Zhenxuan Wang (UPEP, in progress), Xingchen Chen (UPEP, in progress)

UC San Diego:

Ben Gilbert (Economics '11, University of Wyoming), Kevin Novan (Economics '12, UC Davis), Anthony Liu (Economics '12, RFF and CKGSB), Dalia Ghanem (Economics '13, UC Davis), Tamara L. Sheldon (Economics '15, University of South Carolina), Matthew Gibson (Economics '15, Williams College), William Leung (Economics '15, UC Davis), Jacob Johnson (Economics '16, Accounting Principals), Fanglin Sun (Economics '19, Amazon)

Other Institutions:

Peng Zhang (UC Santa Barbara '16, Hong Kong Polytechnic University)

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MEMBERSHIPS American Economic Association
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LANGUAGES Chinese (native)
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