

JUNJIE ZHANG

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INTERESTS	Environmental Economics Climate Policy Applied Econometrics	
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 Director, Initiative for Sustainable Investment Associate Professor of Environmental Economics Director, Environmental Research Center Director, International Master of Environmental Policy (iMEP) Duke University , Durham, NC, USA Nicholas School of the Environment Associate Professor of Environmental Economics 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 of Environmental Economics Assistant Professor of Environmental Economics	2022- 2016- 2016-2021 2016-2021 2015-2016 2008-2015
VISITING POSITIONS	Tsinghua University , Beijing, China Schwarzman College Volkswagen Visiting Chair in Sustainability University of California, Santa Barbara , CA, USA Bren School of Environmental Science and Management UCE ³ Visiting Scholar	 2021-2022 Fall 2011
OTHER AFFILIATIONS	Chief Economist, Green Finance Forum of 60 Chinese Society for Environmental Sciences, Environmental Economics Branch, Co-Chair Nicholas Institute, Duke University, Advisory Board Member Professional Association for China's Environment, Board Member	2021- 2017- 2016- 2015-2020

	Asian Association of Env & Resource Economics, Auditor	2017-2019
	Asia Society, Senior Adviser	2012-2016
EDITORIAL POSITIONS	<i>Journal of Economic Behavior & Organization</i> , Associate Editor	2021-
	<i>Journal of the Assn of Env & Res Econ (JAERE)</i> , Editorial Council	2020-
	<i>Journal of Env Econ & Mgmt (JEEM)</i> , Editorial Council	2018-
	<i>China Economic Review</i> , Co-Editor	2018-2021
	<i>Journal of Environment & Development</i> , Editorial Board	2016-2021
	<i>Marine Resource Economics</i> , Associate Editor	2011-2016
JOURNAL PUBLICATIONS	He, X., Z. Luo, and J. Zhang (2022). "The impact of air pollution on movie theater admissions". <i>Journal of Environmental Economics and Management</i> 112, p. 102626.	
	Cui, J., C. Wang, J. Zhang, and Y. Zheng (2021). "The effectiveness of China's regional carbon market pilots in reducing firm emissions". <i>Proceedings of the National Academy of Sciences</i> 118.52, e2109912118.	
	Karplus, V. J., J. Zhang, and J. Zhao (2021). "Navigating and Evaluating the Labyrinth of Environmental Regulation in China". <i>Review of Environmental Economics and Policy</i> 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". <i>Nature Communications</i> 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". <i>One Earth</i> 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". <i>Journal of the Association of Environmental and Resource Economists</i> 7.5, pp. 965–1003.	
	Morris, S. D. and J. Zhang (2019). "Validating China's output data using satellite observations". <i>Macroeconomic Dynamics</i> 23.8, pp. 3327–3354.	
	Zhang, J. and Q. Mu (2018). "Air pollution and defensive expenditures: Evidence from particulate-filtering facemasks". <i>Journal of Environmental Economics and Management</i> 92, pp. 517–536.	
	Cui, J., J. Zhang, and Y. Zheng (2018). "Carbon pricing induces innovation: Evidence from china's regional carbon market pilots". <i>American Economic Association Papers & Proceedings</i> 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". <i>International Journal of Environmental Research and Public Health</i> 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. Kaspersen, 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 (2022). "Carbon Leakage within Firm Ownership Networks". *Working Paper*.

Wang, Z. and J. Zhang (2022). "The Value of Information Disclosure: Evidence from Mask Consumption in China". *In Submission*.

Cui, J., J. Zhang, and Y. Zheng (2022). "The Impacts of Carbon Pricing on Firm Competitiveness: Evidence from the Regional Carbon Market Pilots in China". *In Submission*.

Zhang, P., J. Wang, and J. Zhang (2022). "Weather, Climate Change, and Land Use: A High-Resolution Analysis in China". *In Submission*.

Sun, J., P. S. Ward, and J. Zhang (2022). "Lockdowns, location, and learning: The effects of COVID-19 on students' academic performance". *In Submission*.

BOOK CHAPTERS

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.

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.

REPORTS

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

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.

**GRANTS
AND
AWARDS**

National Natural Science Foundation of China #71773043, PI 2018-2022
"An Empirical Study of Air Pollution Cost through the Defensive Expenditure Approach"

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"

National Natural Science Foundation of China #71881220667, PI 2018
"China-EU Workshop on Urban Sustainable Development"

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"

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"

	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"	
	US National Science Foundation, Co-I	2010-2016
	"Ecological Transitions in the California Current Ecosystem: Phase II"	
CONTRACTS	Changdao Municipal Government, PI	2022
	"Planning of Emissions Peaking and Carbon Neutrality"	
	Packard Foundation and Paradise Foundation, PI	2021-2023
	"Blue Pioneers Program: Phase II"	
	Kunshan High-tech Zone, PI	2021-2022
	"Strategies and Pathways of Emission Peaking and Carbon Neutrality"	
	Energy Foundation, PI	2021-2022
	"A Study on the Financial Attributes of China's Carbon Market"	
	ClimateWorks Foundation, PI	2021-2022
	"Ocean Carbon Dioxide Removal (CDR) in China"	
	German Development Cooperation GIZ Office, Co-PI	2021-2022
	Deutsch-Chinese Umweltpartnerschaft Phase II	
	Friedrich-Ebert-Stiftung, PI	2021-2022
	"Enabling a Just Transition towards Carbon Neutrality in China"	
	Foreign Environmental Cooperation Center, MEE, PI	2021-2022
	"On the Financial Mechanism of Biodiversity Conservation in China"	
	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, Co-I	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 "Research on Infants and Mothers' Air Pollution Avoidance Behavior"	2019-2020
	China-ASEAN Environmental Cooperation Center, PI "Solid Waste Management and Policy in Thailand"	2019-2020
	Shenzhen Financial Association, PI "The Role of Green Finance in Carbon Regulations"	2018
	Harbin Institute of Technology, Shenzhen, PI "Carbon Pricing and its Impact on Low-carbon Innovation"	2018-2019
	Energy Foundation, PI "An Economic Analysis of the Top-Level Design of China's Carbon Market"	2017-2019
	Chinese Research Academy of Environmental Sciences, PI "Application of Cost-Benefit Analysis in China's Water Pollution Law"	2017-2018
	China Southern Power Grid, PI "Young Energy Observer Program"	2016-2022
	Friedrich-Ebert-Stiftung, PI "Achieving a Socially Equitable Energy Transition in China"	2016-2017
	Asian Development Bank, Consultant "Regional Cooperation on Carbon Markets in East Asia"	2016-2017
	Chinese Academy for Environmental Planning, PI "The Regional Environmental Credit System in China"	2016-2017
	Policy Research Center for Environment and Economy, PI "Application of Cost-Benefit Analysis in China's Environmental Policy"	2016-2017
	Korean Association of Industrial Organization, PI "A Study on Improving Capacity Market Structure and Capacity Market"	2013-2014
	Bertelsmann Foundation/Asia Society, PI "Delivering Environmentally Sustainable Economic Growth"	2012-2013
	World Bank/GEF, International Consultant on Adaptation "China Climate Technology Needs Assessment"	2012-2016
	US National Oceanic and Atmospheric Administration #T03503, PI "The Impact of Climate Change on Fishery Production"	2010-2012
INTRAMURAL FUNDINGS	DKU Jiapeng Talent Fund, PI "Sustainable Investment Initiative"	2022
	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"		
UC Center for Energy and Environmental Economics, PI		2013-2014
"Air Pollution and Avoidance Behavior: Information and Misinformation"		
UCSD Academic Senate, PI		2013-2014
"Resource Competition and Maritime Conflict in the South China Sea"		
UC Center for Energy and Environmental Economics, PI		2012-2013
"Effortless Perfection: Do Chinese Cities Manipulate Air Pollution Data?"		
UCSD Center on Emerging and Pacific Economies, PI		2010-2012
"Fiscal Incentives and Infrastructure in China"		
UCSD Academic Senate, PI		2011-2012
"Fisheries Management in A Changing Environment"		
UCSD Center for Pacific Economics, PI		2010-2011
"An Empirical Study of the Agglomeration of the Clean Development Mechanism Activities"		
UCSD Academic Senate, PI		2008-2009
"Carbon Reductions in Developing Countries"		
UCSD Chancellor's Interdisciplinary Collaboration Program, PI		2008-2009
"Coastal zone fish and fisheries in the Gulf of California"		

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	2022:	
	Duke China-U.S. Summit	
	Gilman Scholars Program, Nicholas Institute	
	Development Research Center of the State Council	
	Nicholas School of the Environment, Duke University	
	School of Finance, Nanjing University of Finance and Economics	
	Ngawa Tibetan and Qiang Autonomous Prefecture Government	
Kunming Municipal Government		
Center on China's Economy and Institutions, Stanford University		

Forum of ESG in China, Renmin University
Nengjing

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

2020:

Xiamen University, Green Finance Forum
Southwestern University of Economics and Finance, School of Economics
Tsinghua-Harvard Workshop on China's National Carbon-Pricing System
Xi'an Jiao Tong University, Jinhe Center for Economic Research
Pudong Executive Leadership Academy, Shanghai
China University of Political Science and Law, School of Business
Duke China-U.S. Summit, Durham, NC
Economist Breakfast Seminar, Shanghai

2019:

The 5th Frontier Workshop on Energy and Environmental Modeling, Qingdao
European Union Chamber of Commerce, Shanghai
Green Finance Research Alliance Annual Meeting, Nanjing
Tsinghua University, School of Journalism
China Ocean NGO Forum, Sanya, Hainan
ToSee Education, DKU
CCICED, Beijing
Pudong Executive Leadership Academy, Shanghai
Suzhou University, School of Politics and Public Management
Fudan University, School of Economics
Blue Pioneers Program
Peking University, National School of Development
Shanghai Jiao Tong University, Antai College of Economics and Management

Rice University, Houston
Wuhan University, School of Economics and Management
Tsinghua University, School of Environment
Henan University, School of Economics, Kaifeng
Friedrich-Ebert-Stiftung, New Delhi
Energy Foundation, Beijing
Peking University, School of National Development
Nanjing Normal University, School of Environment
New York University, Shanghai
GEN Salon, Beijing

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; Camp Resources XXI: Wilmington 2014; CCICED, 2016; CESP; China Environment Chamber of Commerce 2017; Chinese Economist Society 2018; Chinese Environmental Scholars Forum 2018; Chinese Society for Environmental Sciences Environmental Economics Annual Meeting 2016, 2017; Eco Forum Global 2016; EU-Shenzhen ETS Conference 2017; GEF China Climate Technology Needs Assessment Conference 2012; Governors' Global Climate Summit 2009; China Green Development Forum 2017, 2018; Green Finance Summit 2016; 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; Mindshare 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; 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; 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); Fudan University (RICE CCES Salon, School of Data Science, School of Economics); Georgia Institute of Technology, 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 In-

stitute 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 University, School of the Environment; National University Singapore, Department of Economics; National Climate Strategic Center; 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; Sam Houston State University, Department of Economics; 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); The University of New Mexico, Department of Economics; Tsinghua University (School of the Environment, School of Public Policy and Management, School of Civil Engineering); 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); Xi'an Jiaotong University, School of Finance and Economics; 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 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 Industrial Ecology, Journal of Public Economics, Land Economics, Management Science, Marine Resource Economics, Philosophical Transactions B, Regional Science and Urban Economics, Resource and Energy Economics, Review of Economics and Statistics, 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, 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 (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)

UC San Diego: Ben Gilbert (Economics '11, University of Wyoming), Kevin Novan (Economics '12, UC Davis), Anthony Liu (Economics '12, RFF and CK-GSB), 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)

**MEDIA
COVERAGE**

International: Asia Development Bank, Asia Society, Bloomberg, CGTN, Channel NewsAsia, ChinaFile, CNBC, CNN, Economist, Edmonton Journal, E&E News, Financial Times, Forbes, Futurity, Gas 2, Guardian, Harvard Political Review, International Business Times, Inter Press Service, Oil and Gas Journal, Science, Science Daily, Scientific American, South China Morning Post, Sputnik International, TBS eFM, The Diplomat, The International, The Straight Dope, The Straights Time, The UCSB Current, Wall Street Journal

Chinese: Xinhua, People's Daily, Guangming Daily, Caixin, Economic Observer, China Economic Information, China Youth Daily, Yabuli Chinese Entrepreneur Forum, Southern Weekly, Tencent News, Beijing Youth Daily, Sina, Liaowang Institute, Legal Daily, Modern Express, China Dialogue, CETIN, Oriental Outlook, Phoenix Weekly, Mirror Books, Global Times, CNPolitics.org, Jiangsu Banking Industry, China Environmental Management, Chinese Environmental News, FT Chinese

**SELECTED
OP-EDS**

"No Going Back"
March 29, 2022, China Daily

"The Green Team Speaks to Zhang Junjie"
October 13, 2021, Paulson Institute

"China's Latest Carbon Pledge Sets Ambitious Course for the 21st Century "
February 23, 2021, Friedrich-Ebert-Stiftung

"China's Institutional Shake-up"
October 1, 2019, International Politics and Society

"US Climate Politics Create Opening for China's Leadership"
September 5, 2018, Caixin

"Mitigating the Climate Threat to China's Food Security"
July 28, 2017, China Daily

"Will China Take the Lead on Climate Change?"
November 21, 2016, ChinaFile

"Is China Doing Enough for the Environment?"
March 11, 2016, ChinaFile

"What Would New Breakthroughs on Climate Change Mean for the U.S.-China Relationship?"
September 16, 2015, ChinaFile

"Why the US and China Should Focus on Air Pollution to Tackle Climate Change"
March 6, 2014, Asia Society

"Are the US and China Finally Getting Serious About Climate Change?"
September 12, 2013, CNN Global Public Square

"How Will China's New Leaders Approach Rising Tide of Environmental Protests?"
November 9, 2012, Asia Society

"Climate Change Actually a 'Regressive Tax' On World's Poor"
September 25, 2012, Asia Society

"Averting China's Fishing Wars"
May, 2012, Asia Society

**SELECTED
OP-EDS IN
CHINESE**

"Increasing Carbon Emission Abatement Pressure on Regulated Firms"
December 24, 2021, Yicai

"Net-Zero Economy Is Uncharted Territory"
November 20, 2021, Benliu Finance

"A Pair of Climate Risk Grey Rhinos"
November 15, 2021, Green Finance Forum of 60

"Understanding China's Climate Target in the Annual Government Report"
March 3, 2021, China Environment News

"China's Carbon Neutrality in 2060: The Role of Law and Market"
September 30, 2020, China Environment News

"The Implication of COVID-19 Pandemic on China's Environmental Policy"
April 10, 2020, China Environment News

"China Fulfills Its Commitment to Tackle Climate Change"
December 21, 2019, Guangming Daily

"China Shoulders Responsibility in Global Climate Governance"
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