

# Jiaqi Lu

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APPOINTMENTS **Georgetown University** 2023 – Present  
Postdoctoral Research Fellow, Science Technology and International Affairs Program, Walsh School of Foreign Service

**Harvard University** 2021 – 2022  
Predoctoral Research Fellow, Environment and Natural Resources Program & Science, Technology, and Public Policy Program, Harvard Kennedy School

**The Brookings Institution**  
Research Analyst, Brookings-Tsinghua Center 2017 – 2018  
Senior Research Assistant, Brookings-Tsinghua Center 2016 – 2017  
Research Assistant, Brookings-Tsinghua Center 2015 – 2016  
Research Intern, Energy and Climate Initiative 2015

EDUCATION **University of Wisconsin–Madison**  
Joint Ph.D., Political Science and Environmental Studies, 2023  
MIPA., International Public Affairs (Energy Analysis and Policy Certificate), 2014  
B.A., Sociology (with Concentration on Analysis and Research Program), 2013

**Dissertation:**  
*Decarbonizing the Dragon: Policy Communities and the Power of Networks*

PEER-REVIEWED ARTICLES Zhang, Fang (co-first author), **Jiaqi Lu (co-first author)**, and Libo Chen. “When green recovery fails to consider coal pushback: Exploring global coal rebounds, production, and policy retrenchment post Covid-19.” *Energy Research & Social Science* 101 (2023): 103142.

**Lu, Jiaqi** and Gregory Nemet. “Market-led decline amidst intense politicization.” Book chapter, *The Political Economy of Coal: Obstacles to Clean Energy Transitions*, Routledge Press (2022).

Liu Tianle, Qijiao Song, **Jiaqi Lu** and Ye Qi. “Investigation of a Coupling Coordination Degree Model Between Low-carbon Development and Air Quality in China.” *Advances in Climate Change Research* (2021): 710-722.

**Lu, Jiaqi** and Gregory Nemet. “Evidence Map: Topics, Trends, and Policy in the Energy Transitions Literature.” *Environmental Research Letters* 15.12 (2020): 123003.

George Nemet, **Jiaqi Lu**, Varun Rai, Rohan Rao. “Knowledge Spillovers Between PV Installers Can Reduce the Cost of Installing Solar PV.” *Energy Policy* 144 (2020): 111600.

Qi Ye, Nicholas Stern, He Jiankun, **Jiaqi Lu**, David King, Wu Tong, Liu Tianle. “The Policy-Driven Peak and Reduction of China’s Carbon Emissions.” *Advances in Climate Change Research* 11 (2020): 65-71.

Shihong Guo and **Jiaqi Lu**. “Jurisdictional Air Pollution Regulation in China: A Tragedy of the Regulatory Anti-commons.” *Journal of Cleaner Production* 212 (2019): 1054-1061.

Zhu Mengye, Qi Ye, David Belis, **Jiaqi Lu** and Bart Kerremans. “The China Wind Paradox: The Role of State-Owned Enterprises in Wind Power Investment versus Wind Curtailment.” *Energy Policy* 127 (2019): 200-212.

Qi Ye, Nicholas Stern, Tong Wu, **Jiaqi Lu** and Fergus Green. “China’s Post-Coal Growth.” *Nature Geoscience* 9, no. 8 (2016): 564-566.

Elena Verdolini, Laura Diaz Anadon, **Jiaqi Lu** and Gregory Nemet “The Effects of Expert Selection, Elicitation Design, and R&D Assumptions on Experts’ Estimates of the Future Costs of Photovoltaics.” *Energy Policy* 80 (2015): 233-243.

UNDER REVIEW “Towards carbon neutrality: A new indicator to measure historical and projected energy transition,” Under review at *Renewable and Sustainable Energy Reviews* (with Qi Ye and Tianle Liu)

OTHER PUBLICATIONS “To End Coal, Adapt to Regional Realities.” *Nature* (2022): 29-31 (co-signatories with Michael Jakob, Jan Steckel, Gregory Nemet, et al.)

“U.S. Gas to China: Positive Energy for Bilateral Relations,” *Brookings Institution*. 2018. (with Qi Ye)

“Wind Curtailment in China: A Mismatch Between New Technology and Old Electricity System.” *Brookings Institution* (2017). (with Qi Ye and Zhu Mengye)

“China’s Coal Consumption Has Peaked,” *China Daily*. 2017. (with Qi Ye)

“The End of Coal-Fired Growth in China,” *Brookings Institution*. 2016. (with Qi Ye)

“State-Based Childhood Obesity Prevention,” 2013. *National Champion of Policy Solutions Challenge USA*. (with Eadie, S., M. Palmer, N. J. Simon, and A. Walsh)

SELECTED RESEARCH-IN-PROGRESS “Decarbonizing the Dragon: Policy communities and the power of networks,” Book project.

“Cultivating Climate: U.S.-China relations and the making of the Paris Climate Agreement.”

“International Climate Entrepreneurs and Climate Policy in China,” with Joanna Lewis.

AWARDS AND SCHOLARSHIP APSA Doctoral Dissertation Research Improvement Grant (\$15,000) 2022

Belfer Center Research Fellowship, Harvard Kennedy School 2021–2022

Holtz Center Award, UW-Madison 2020, 2022

Summer Initiative Funding, Department of Political Science 2020–2022

Detering-Gurfield Family Scholarship 2019–2020

Department of Political Science Graduate Fellowship	2019, 2020, 2022
Nelson Institute Graduate Research Fellowship	2018–2019
Lafollette School Graduate Research Fellowship	2013–2014
National Champion of Policy Solutions Challenge USA	2013

CONFERENCE  
PRESENTATIONS

The La Follette School Seminar Series, November 16, 2022, UW–Madison, Madison, WI.

Online Seminar on Environmental Politics and Governance (EPG), October 6, 2022.

Energy Policy Seminar Series, Harvard Kennedy School, November 1, 2021, Harvard University, Cambridge, MA

Climate Policy Lab, Research Seminar, Climate Policy Lab, October 21, 2021, Tufts University, Medford, MA

Graduate Forum of Global Alliance of Universities on Climate (panel commentator), November 15, 2020, Tsinghua University, Webinar, Beijing, China

The Political Economy of Coal Workshop, October 26–28, 2020, Webinar, Berlin, Germany

American Politics Workshop, September 14, 2020, Madison, WI

Political Determinants of Energy and Climate Policy Workshop, September 10, 2019, Berlin, Germany

IPCC Learning on Climate Solutions International Workshop, October 15–17, 2018, Mercator Research Institute on Global Commons and Climate Change, Berlin, Germany

Renewable Energy Curtailment and Energy Governance in China, Jun. 2017, Tsinghua University, Beijing, China

China’s Post-Coal Growth, November 2016, Tsinghua University, Beijing, China

TEACHING AND  
ADVISING

**Instructor:** Politics of Climate Change and Energy Policy Spring 2023  
Department of Political Science, UW–Madison

**TA and Guest Lecture:** Climate Change Governance Fall 2022  
Professor Leah Horowitz, Environmental Studies, UW–Madison

**Guest Lecture and Grader: Energy Policy Analysis** Fall 2022, 2018  
Professor Gregory Nemet, School of Public Affairs, UW–Madison

**Research Advisor:** Undergraduate Research Program Fall 2021  
Department of Political Science, UW–Madison

**Teaching Assistant:** Introduction to International Relations Spring 2021  
Professor Jon Pevehouse, Political Science, UW–Madison

SKILLS

**Computer:** R, STATA

**Languages:** Mandarin (native), Cantonese (native), Japanese (beginner)

RESEARCH  
INTERESTS

Energy transition, energy and climate policy, politics and elite network, technology and governance, state capacity, international climate governance

(Updated 8/2023)