

Xinming Du

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EDUCATION

Columbia University 2017-2023 (expected)
PhD in Sustainable Development (Econ & Natural Sci, STEM), School of International and Public Affairs

References

| | | |
|---------------------------------------|---|--|
| Douglas Almond da2152@columbia.edu | Jeffrey Shrader jgs2103@columbia.edu | Wolfram Schlenker ws2162@columbia.edu |
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Master of Philosophy in Sustainable Development 2021

Master of Arts in Sustainable Development 2020

- Fields: Environmental Economics, Applied Microeconomics, Health Economics
- Coursework in PhD-level Economics: Econ PhD's core Microeconomics sequence, Econometrics sequence; Microeconometrics (causal inference), Macroeconometrics (time series forecasting), Environmental and Resource Economics, Health Economics, Labor Economics.
- Coursework in Data Science & Natural Science: Machine Learning, Python Programming, Remote Sensing, Environmental Science, Atmospheric Chemistry

Tsinghua University 2013-2017
Bachelor of Arts in Economics; Bachelor of Engineering in Environmental Engineering

PUBLICATIONS

- [1] Favorability Towards Natural Gas Relates to Funding Source of University Energy Centers (with Douglas Almond, Anna Papp). *Nature Climate Change*, 2022.
- [2] Competing with Clean Air: Pollution Disclosure and College Desirability. *Ecological Economics*, 2023, 204: 107631.
- [3] Reduced Trolling on Russian Holidays and Daily US Presidential Election Odds (with Douglas Almond, Alana Vogel). *PLOS ONE*, 2022, 17(3): e0264507.
- [4] Ambiguous Pollution Response to COVID-19 in China (with Douglas Almond, Valerie Karplus, Shuang Zhang). *AEA Papers and Proceedings*, 2021, 111: 376-80.
- [5] Later Bedtimes Predict President Trump's Performance (with Douglas Almond). *Economics Letters*, 2020, 197: 109590.
- [6] Transboundary Air Pollution from Coal-fired Power Generation (with Xiaomeng Jin, Noah Zucker, Ryan Kennedy, Johannes Urpelainen). *Journal of Environment Management*, 2020, 270: 110862.
- [7] Lessons Learned from China's Regional Carbon Market Pilots (with Junjie Zhang, Zhenxuan Wang). *Economics of Energy and Environmental Policy*, 2017, 6(2): 19-38.

WORKING PAPERS

- [1] Symptom or Culprit? Social media, Air Pollution, and Violence. *Job Market Paper*.
- [2] Summertime Sadness: Hot Weather Causes Worse Flight and Train Performance. *SSRN*: <https://ssrn.com/abstract=3504234>
- [3] Economic Impact of COVID-19 Containment Policies: Evidence Based on Novel Surface Heat Data from the People's Republic of China (with Elaine S. Tan, Yasuyuki Sawada, Yesim Elhan-Kayalar). *Asian Development Bank Economics Working Paper No. 673*. *SSRN*: <https://ssrn.com/abstract=4258493>
- [4] Intra-household Transmission of Infectious Disease and Gender Inequality
- [5] China's Air Pollution Response to the U.S.-China Trade War (with Yining Zhu).

SELECTED RESEARCH & WORK EXPERIENCE

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| Fund Internship Program, The International Monetary Fund | 2022 |
| Short-term Consultant, Chief Economist Office, The World Bank | 2021 |
| Part-time Consultant, Chief Economist Office, Asian Development Bank | 2021 |
| Fellow, Center for Environmental Economics and Policy, Columbia University | 2019-Present |
| Graduate Research Fellow at the Economics Department, Columbia University | 2018-2020 |
| Student Fellow, Initiative for Sustainable Energy Policy, Johns Hopkins University | 2018-Present |

TEACHING EXPERIENCE

Teaching Fellow at Columbia University

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| Microeconomics & Public Policy I (master, IO & Game Theory) | Fall 2021 |
| Microeconomics & Public Policy II (master, Labor) | Spring 2019 |
| Principles of Economics (undergrad, Micro & Macro) | Fall 2018, Spring 2021, Spring 2022 |
| Globalization and its Risks (undergrad, Environmental Econ) | Fall 2020 |

SEMINAR & CONFERENCE PRESENTATIONS

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| Southern Economic Association Annual Meeting | Nov 2022 |
| Western Economic Association International Annual Conference | Jun 2022 |
| Northeast Workshop on Energy Policy and Environmental Economics (eggtimer) | Jun 2022 |
| SusDeveR Biennial Symposium | May 2022 |
| Royal Economic Society Annual Conference | Apr 2022 |
| CESifo Area Conference on Energy and Climate Economics | Mar 2022 |
| Asian Development Bank Economists' Forum | Jan 2022 |
| Economic Research Department Seminar at the Asian Development Bank | Apr 2021 |
| Allied Social Sciences Associations (ASSA) Annual Meeting | Jan 2021 |
| Interdisciplinary PhD Workshop on Sustainable Development | Apr 2020, Apr 2022 |
| Sustainable Development Colloquium at Columbia University | 2019-2022 |

AWARDS & FELLOWSHIP

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| Dissertation Fellowship for Doctoral Students, Columbia University | 2022-2023 |
| Dean's Fellowship for Doctoral Students, Columbia University | 2017-2022 |
| Student Research Grant, Center for Development Economics & Policy, Columbia University | 2019, 2021 |
| Scientific Research Scholarship, Tsinghua University | 2016 |
| Academic Excellence Scholarship, Tsinghua University | 2014 |

SKILLS & OTHERS

Referee

Applied Economics Letters, Nature Sustainability, Scientific Reports; AERE-SEA conference

Service

Web master of Sustainable Development Doctoral Society (AY 2019-2020); Organizing committee for Interdisciplinary PhD Workshop on Sustainable Development (Apr 2019), Alliance Summer School in Science and Policy (Paris, France, Jun 2018), Big Data Expo (Guiyang, China, May 2017)

Software

Python, SQL, Stata, R, MATLAB, ArcGIS, ENVI, L^AT_EX

Certificate

Passed Financial Risk Management (FRM) I

Language

Mandarin Chinese (Native), English, Italian (Basic)

Personal

Born: July 1995 in China. Citizenship: Chinese