

# Yixin Sun

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yixin.sun@centrefornetzero.org +14016622015 [yixinsun.com](http://yixinsun.com)

**EMPLOYMENT** Economist, Centre for Net Zero, 2025-Present

**EDUCATION**

*Ph.D, Economics*

The University of Chicago Booth School of Business, 2019-2025

*Thesis: Beliefs, Preferences, and Impacts of Air Pollution*

*Bachelor of Arts, Economics-Statistics*

Columbia University, New York, NY, May 2016

**WORKS IN PROGRESS**

**High Indoor Air Pollution in a Developing Megacity: The Role of Outdoor PM2.5 and Household Characteristics**

(with [Dil Rahut](#), [Budy P Resosudarmo](#), [Jeanne Sorin](#), [Daniel Suryadarma](#))

**Learning is in the Air, Clean Air as an Experience Good**

(with [Budy P Resosudarmo](#) and [Jeanne Sorin](#))

Accepted via [pre-results review](#), *Journal of Development Economics*, eventual publication venue TBD

**Disentangling Pollution and Income Effects of Indonesian Fires, and Exploring the Protective Role of Social Programs**

(with [Budy P Resosudarmo](#))

**Empowering Environmental Governance with Satellite Data: A Global Randomized Control Trial**

(with [A. Patrick Behrer](#), [Michael Greenstone](#), [Rajat Kocchar](#), [Olga Rostapshova](#), [Ruozi Wang](#), and [Shaoda Wang](#))

Pilot in progress

**GRANTS AND FELLOWSHIPS**

2025-Present, UChicago Institute for Climate and Sustainable Growth Seed Fund (\$149,993, with Michael Greenstone, Rajat Kocchar, and Shaoda Wang)

2024-Present, Thriving Earth Exchange Community Science Fellow

2024-2025, International Growthe Centre Pilot Grant (\$39,000, with Michael Greenstone, Rajat Kocchar, and Shaoda Wang)

2023-2024, Asian Development Bank Institute Research Grant (\$99,850, with Budy Resosudarmo and Jeanne Sorin)

2023-2024, JPAL King Climate Action Initiative Pilot Grant (\$41,756, with Budy Resosudarmo and Jeanne Sorin)

2023-2024, Rustandy Center Research Grant (\$39,473, with Jeanne Sorin)

2022-2023, Weiss Family Program Fund for Research in Development Economics Exploratory Grant (\$49,840, with Jeanne Sorin)

2019-2024, Energy Policy Institute at the University of Chicago DRW Graduate Fellow

<b>TEACHING</b>	Firm and the Non-market Environment (BUSN 33305)	
	• Teaching assistant for Marianne Bertrand	
	The Wealth of Nations (BUSN 33520)	
	• Teaching assistant for Chang Tai Hsieh	
<b>RESEARCH EXPERIENCE</b>	<i>Research Assistant, Marianne Bertrand</i> University of Chicago, Booth School of Business, Chicago IL	2021
	• Conducted analysis on the political influence of institutional investors, developing and implementing machine learning algorithms to enhance the accuracy of detecting and classifying investor political activities	
	<i>Pre-doctoral Fellow</i> Energy Policy Institute at the University of Chicago, Chicago IL	2016-2019
	• Assisted Professor Thomas Covert in estimating firm productivity outcomes and analyzing allocative efficiency within the oil and gas sector	
	• Worked with Professor Fiona Burlig to build panel data on economic census covariates in India to estimate the impacts of rural electrification on the manufacturing sector	
<b>PROFESSIONAL EXPERIENCE</b>	<i>Capital Markets Analyst</i> Morgan Stanley, New York, NY	2015
	• Assisted in account management through new bond pricing, examining debt maturity profiles to identify issuance opportunities, and preparing market condition analyses	
	<i>Business Associate, Financial Inclusion</i> Atikus Insurance, New York, NY	2014-2015
	• Analyzed three years of historical Rwandan regional bank data to build assumptions for the company's financial model and business strategy	
<b>SKILLS</b>	<i>Computing:</i> R, Stata, Git, Python, ArcGIS, Julia, Bash <i>Data Analysis:</i> Causal inference, machine learning, remote sensing, survey design <i>Languages:</i> English (native), Mandarin (fluent)	