

KATHRYN BARAGWANATH

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EMPLOYMENT **Senior Lecturer**, Department of Economics, University of Melbourne, Melbourne, Australia **2024 - Current**
 Academy Scholar, The Harvard Academy for International and Area Studies, Harvard University, Cambridge, Massachusetts USA **2023 - 2024**
 Research Fellow, Institute for Humanities and Social Sciences, Australian Catholic University, Melbourne, Australia **2021 - 2023**

EDUCATION **PhD**, University of California, San Diego, Political Science **2015-2021**
 Dissertation: The Effects of Oil Windfalls on Political Corruption in Brazil
 Committee: Sebastian Saiegh (advisor), Jennifer Burney, Gordon Hanson, Megumi Naoi, Simeon Nichter, Agustina Paglayan
 M.A. Economics, Pontificia Universidad de Catolica Chile **2013**
 B.A. Economics, Pontificia Universidad Catolica de Chile **2013**

PEER REVIEWED **Democracy and the Environment** (with Saad Gulzar) *Annual Reviews of Political Science*

Using Satellite Imagery to Detect the Impacts of New Highways: An Application to India (with Gordon Hanson, Amit K. Khandelwal, Chen Liu and Hogeun Park) *Journal of International Economics* 2025

Beyond the Canopy: How Satellite Data Resolution Influences Policy Evaluation and Deforestation Behavior (with Nilesh Shinde) *Journal of Environmental Economics and Management* 2025

Collective Property Rights Lead to Secondary Forest Growth in the Brazilian Amazon (with Ella Bayi and Nilesh Shinde)
 Proceedings of the National Academy of Sciences 2023
 Select Media Coverage: [US Mongabay](#)
 Second place in [Mapbiomas Awards](#)

Detecting Urban Markets with Satellite Imagery: An Application to India (with Ran Goldblatt, Gordon Hanson and Amit Khandelwal)
 Journal of Urban Economics 2021

Collective Property Rights Reduce Deforestation in the Brazilian Amazon (with Ella Bayi)
 Proceedings of the National Academy of Sciences 2020
 Select Media Coverage: [Reuters](#), [UPI](#), [Globo](#)

WORKING PAPERS

Improving Environmental Outcomes Through Investments in Local Governance: Evidence from Brazil (with Nilesh Shinde, Stella Schons, Stella Schons, Alexandre Gori-Maia and Gregory Amacher) *Under Review*

Getting Along or Getting Ahead? The Domestic Roots of Status Seeking in International Relations (with Ashani Amarasinghe) *Under Review*

Holding Ground: The Resilience of Conservation Units during Institutional Weakening (with Ella Bayi and Guilherme Fasolin) *Under Review*

The Greener Gender: Women Politicians and Deforestation (with Xixi Zheng)

The Effect of Oil Windfalls on Corruption: Evidence from Brazil

WORKS IN PROGRESS

All Smoke and No Fire?: The Case of Crop-Residue Burning in Pakistan (with Fatiq Nadeem)

Quantifying the Real Pollution Exposures caused by Crop-Residue Burning in Indian and Pakistani Punjab (with Jinjing Chen and Fatiq Nadeem)

Playing with Fire: The Environmental Consequences of an Electorally Motivated License to Burn (with Flora He, Cesar Martinez-Alvarez and Fatiq Nadeem)

Divide and Deforest: Unintended Consequences of Land Regularization in Brazil (with Nilesh Shinde)

Migration, Military Rule and Deforestation in Brazil and Indonesia (with Anna Costola Pede and Lachlan McNamee)

The Electoral Politics of Deforestation and Conservation: Protected Areas, Indigenous Territories and Electoral Deforestation Cycles (with Ella Bayi and Guilherme Fasolin)

Predicting Deforestation: Incorporating Political and Socio-Economic data into Machine Learning Models of Deforestation (with Luke Sanford and Annie Ulichney)

SELECTED HONORS & FELLOWSHIPS

Paul Bourke Award Early Career Research **2025**

Recognition for best early career economist in Australia by the Australian Academy of Social Sciences

Ronald Coase Institute Program Fellowship **2025**

Mapbiomas Award: Second Place **2023**

Climate Social Science Network Grant (Brown U) **2023-2024**

ACU Research Support Grant **2022-2023**

Spatial Analysis Fellowship, Big Pixel **2020-2021**

Institute of Global Conflict and Cooperation Fellowship **2019-2020**

Lakoff Fellowship, UCSD **2018**

Department funds awarded to outstanding students in order to aid with dissertation research.

CILAS Tinker Fellowship, UCSD **2018**

Summer fellowship for the study of Latin America. Financed field research in Brazil.

Drake Fellowship, UCSD **2017**

Fellowship for the study of Latin America.

Friends of the International Center Fellowship	2017
Summer fellowship for the study of Latin America. Financed field research in Brazil.	
Drake Fellowship, UCSD	2016
Summer fellowship for the study of Latin America.	
CILAS Tinker Fellowship, UCSD	2016
Summer fellowship for the study of Latin America. Financed field research in Chile.	
CONICYT Masters Fellowship	2013
Government scholarship awarded for academic achievement in highly regarded M.A. programs which have something to contribute to society.	
Residency Scholarship-Economics PUC	2013
Department scholarship at PUC for students with high academic standing who will be working on their thesis during the last semester at school.	
National Mathematics Prize	2007
Awarded for obtaining the highest national score in the mathematics exam for entrance to University (PSU- SAT equivalent).	

CONFERENCES & TALKS	Deakin Economics Seminar	June, 2025
	Monash Environmental Economics Workshop	December, 2024
	ESAM 2024	December, 2024
	Australasian Public Choice Conference	December, 2024
	Harvard Climate Pipeline	April, 2023
	Yale Environmental Economics Seminar	April, 2023
	UCSB Bren Seminar	April, 2023
	DRCLAS Tuesday Seminar, Harvard	April, 2023
	PACDEV, Stanford	March, 2023
	Australasian Public Choice Conference	December, 2023
	Melbourne Environmental Economics Workshop	November, 2023
	NEUDC 2023	November, 2023
	New England Workshop in Empirical Political Science	October, 2023
	Political Economy of Climate and Environment (organizer)	August, 2023
	APSA 2023	August, 2023
	Melbourne Political Economy Workshop (organizer)	August , 2023
	Australian Development Workshop	June, 2023
	CGPP Seminar at Griffith University	June, 2023
	Hawkesbury Institute for the Environment Seminar Speaker	May, 2023
	UNSW Economics Seminar Series	May, 2023
	Anthromes CO2 and Terrestrial Carbon (Guest Speaker)	March, 2023
	Gender, Norms and Economics Workshop	December, 2022
	Melbourne Environmental Economics Workshop	December, 2022
	Melbourne Political Economy Workshop (co-organizer)	October, 2022
	Columbia SIPA	September, 2022
	APSA	September, 2022
	SoDa Labs at Monash University	April 7, 2022
	APEN at University of Queensland	July 22, 2021
	USAID	April 29, 2021
	Oz Virtual Econ Research Seminar	April 8, 2021
	UCLA Comparative Speaker Series	March 1, 2021
	Political Economy Webinar UCSB	November 12, 2020
	Stanford GSB Rising Scholars	October 27, 2020
	APSA	2020
	POLMETH	2020
	IPES at UCSD	2019
	LASPP at University of Pittsburgh	2019

CaliWEPS at UC Merced	2019
APSA	2018

REVIEWER *Review of Economics and Statistics, Quarterly Journal of Economics, Proceedings of the National Academy of Science, Nature Sustainability, Nature Communications, The Lancet, American Economic Journal: Applied Microeconomics, Journal of Development Economics, Journal of the Association of Environmental and Resource Economists, American Political Science Review, American Journal of Political Science, Environment and Development Economics, World Development, Global Environmental Change, Spatial Economics*

AFFILIATIONS AND MEMBERSHIPS **Co-founder** Melbourne Environmental Data Analytics Lab
Membership European Economic Association, American Economic Association, Society for Institutional & Organizational Economics, Association of Environmental and Resource Economists, American Political Science Association, Society for Political Methodology, Latin American Studies Association, Australian Political Science Association

TEACHING	Agriculture, Water and Forest Economics	Semester 1 2026
	Economics for Actuaries	Semester 1 2025/26
	Instructor Mathematical and Statistical Foundations	Summer 2019/20
	Math Bootcamp for PhD Students	
	Instructor Introduction to Policy Analysis	Summer 2019
	Required course for Political Science and Environmental Studies Majors	
	TA Introduction to IR	Spring 2019
	Erik Gartzke, Associate Professors UCSD	
	TA Senior Honors Thesis	Winter & Fall 2018
	David Wiens and Seth Hill, Associate Professors UCSD	
	Instructor Introduction to Economics	Semester I 2015
	First year economics course in PUC, Chile	

SERVICE	Applied Microeconomics Seminar	2025
	Coordinator	
	Applied Microeconomics Drinks	2025
	Organizer	
	Melbourne Political Economy Workshop	2021-Present
	Organizer	
	Political Economy of Climate and Environment	2023-Present
	Steering Committee	

LANGUAGES **Spanish:** Native
English: Fluent
Portuguese: Fluent

COMPUTER SKILLS **R, Stata, ArcGIS, Google Earth Engine, LaTeX:** Advanced
Matlab, Python Intermediate

