

Ishana Ratan

CONTACT INFORMATION	iratan@olemiss.edu Website +1 706 231 2611	333 Deupree Hall Oxford, MS 38655
RESEARCH INTERESTS	Political economy, foreign direct investment, renewable energy, industrial policy	
EMPLOYMENT	University of Mississippi Assistant Professor of Comparative Politics	2025-
	Johns Hopkins University Net Zero Industrial Policy Lab Fellow	2025-
EDUCATION	University of California, Berkeley Ph.D., Political Science M.A. Political Science	2025 2020
	The University of Georgia B.A. Economics B.A. International Relations	2017
JOURNAL ARTICLES	Ishana Ratan. 2026. "Does Manufacturing Matter? Forward Linkages and Downstream Growth in the Solar Industry." <i>Review of International Political Economy</i> , 1-28.	
	Ishana Ratan, Alison Post, Tanu Kumar, & Mridang Sheth. 2025. "Which Local Governments Adopt New Technology First? Agency Size and Organizational Champions for Open Transit Data." <i>Urban Affairs Review</i> .	
	Shih-Hung Chiu, Tianyu Han, Alison E. Post, Ishana Ratan, Kenichi Soga. 2025. "Studying Tech Adoption with "Text-As-Data": Opportunities, Pitfalls, and Complementarities in the Case of Transportation." <i>Environment and Planning B: Urban Analytics and City Science</i> , 52(8), 1796-1813.	
	Ángel Ross, Alison Post, Ishana Ratan. 2025. "The politics of police technology adoption: Agency size and uptake among California police departments." <i>Journal of Urban Affairs</i> , 1-23.	
WORKING PAPERS	Ishana Ratan, Jennifer Hadden, and Taib Biygautane. "Green Power, Indigenous Protest: Understanding Wind Energy Opposition in the Developing World." (<i>Invited to Revise and Resubmit at Global Environmental Politics</i>).	
	Johnathan Guy, Ishana Ratan, Anthony Calacino. "When the River Runs Dry: Climate Change and the Political Economy of Hydropower Retrenchment." (<i>Under Review</i>).	
	Ishana Ratan and José Vega Araújo. "What Money Can't Buy: Company Experience and Local Resistance to Large Scale Renewable Energy." (<i>Invited to Revise and Resubmit at Energy Policy</i>).	
	Ishana Ratan, Paula Niemoller, Jonas Meckling, Karsten Neuhoff. "Global Sectoral Decarbonization." (<i>Under Review</i>).	
	Ishana Ratan, Bentley Allan. "Constructing Comparative Advantage for the Energy Transition."	

Ishana Ratan, Bentley Allan, Tim Sahay, and Benjamin Bagozzi. “Focusing Green Industrial Policy: Identifying Sectoral Competitiveness for the Energy Transition.”

POLICY REPORTS Cecilia Springer, **Ishana Ratan**, Yudong Nathan Liu, & Jia Gu. 2023. “Green Horizons? China’s Global Energy Finance in 2022.” *Boston University Global Development Policy Center*.

Alison E. Post, **Ishana Ratan**, Mary C. Hill, Amy Huang, Kenichi Soga & Bingyu Zhao. 2022. “Benchmarking “Smart City” Technology Adoption in California: An Innovative Web Platform for Exploring New Data and Tracking Adoption.” *Institute for Transportation Studies, U.C. Berkeley*.

Amy Huang, Alison E. Post, **Ishana Ratan**, Mary C. Hill & Bingyu Zhao. 2022. “Where are Private “Smart City” Transportation Technologies Concentrated in California?” *Institute for Transportation Studies, U.C. Berkeley*

FELLOWSHIPS & AWARDS	Berkeley Economy and Society Initiative (\$2,700)	2024
	APSA Doctoral Dissertation Research Improvement Grant (\$10,800)	2023
	IGCC (\$50,000), with J. Guy and J. Bussell	2022
	Network for a New Political Economy (\$2,000)	2022
	Simpson Research Grant in International Studies (\$13,500)	2020

TEACHING EXPERIENCE	Global Environmental Politics	Fall 2025
	International Political Economy, Graduate Student Instructor	Spring 2020
	WAR!, Graduate Student Instructor	Fall 2019

RESEARCH POSITIONS **Senior Research Associate, Net Zero Industrial Policy Lab 2025 - Present**
Senior Research Associate with the Johns Hopkins Net Zero Industrial Policy Lab (with Bentley Allan and Tim Sahay).

Global Development Policy Center 2022 - 2024
Pre-doctoral fellowship with Global China Initiative, Energy and Climate Team (with Kevin P. Gallagher).

Assistant Director, Berkeley APEC Study Center 2018 - 2025
Graduate student researcher and website management (with Vinod K. Aggarwal).

GSR, Smart City Technology Adoption 2020 - 2022
Graduate student researcher for Smart City Technology Adoption in California project (with Alison E. Post, Alexandre Bayen, and Karen T. Frick)

INVITED TALKS & CONFERENCES	ISA, MPSA, Environmental Politics and Governance, APSA	2025
	ISA, USCB Environmental Politics Workshop, APSA	2025
	ISA, LASA, APSA, Environmental Politics and Governance	2024
	GSIFE Conference, MPSA, APSA	2023
	APSA, MPSA, GSIFE Mini-Conference	2022
	APSA, Climate Futures Workshop	2021

AFFILIATIONS & SERVICE

Reviewer for *Political Science Research and Methods*, *Review of International Political Economy*

Organizing Team, GSIPE **2023 - 2024**

Events Team, Graduate Students in International Political Economy **2022 - 2023**

Lab Coordinator, Energy and Environment Policy Lab **2020 - 2021**

SKILLS

Programming: R, STATA, Qualtrics, QGIS, L^AT_EX

Languages: English (native), Spanish (advanced)

Media: Adobe Photoshop Suite

REFERENCES

Vinod K. Aggarwal

Bedford Chair in Asian Studies, Travers Department of Political Science

University of California, Berkeley

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Alison E. Post

Associate Professor, Travers Department of Political Science and Global Metropolitan Studies

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