

## Ishana Ratan

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CONTACT INFORMATION	iratan@olemiss.edu Website +1 706 231 2611	133 Deupree Hall Oxford, MS 38655
RESEARCH INTERESTS	Political economy, foreign direct investment, renewable energy, industrial policy	
EMPLOYMENT	<b>University of Mississippi</b> Assistant Professor of Comparative Politics	<b>Fall 2025</b>
	<b>Johns Hopkins University</b> Net Zero Industrial Policy Lab Fellow	<b>January 2025</b>
EDUCATION	<b>University of California, Berkeley</b> Ph.D., Political Science Dissertation: <i>Chasing the Sun: The Political Economy of Solar Investment and Development</i>	<b>August 2025</b>
	M.A. Political Science Thesis: Industrial Policy, Institutional Capacity and Investment in the Solar Industry	<b>2020</b>
	<b>The University of Georgia</b> B.A. Economics and International Affairs	<b>2017</b>
JOURNAL ARTICLES	<b>Ishana Ratan</b> , 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> , 0(0). <a href="https://doi.org/10.1177/10780874251357506">https://doi.org/10.1177/10780874251357506</a> . Shih-Hung Chiu, Tianyu Han, Alison E. Post, <b>Ishana Ratan</b> , 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. <a href="https://doi.org/10.1177/23998083241311039">https://doi.org/10.1177/23998083241311039</a> . Ángel Ross, Alison Post, <b>Ishana Ratan</b> . "The politics of police technology adoption: Agency size and uptake among California police departments." <i>Journal of Urban Affairs</i> , 1-23. <a href="https://doi.org/10.1080/07352166.2025.2585123">https://doi.org/10.1080/07352166.2025.2585123</a> .	
WORKING PAPERS	<b>Ishana Ratan</b> . "Does Manufacturing Matter? Forward Linkages and Downstream Growth in the Solar Industry." (Presented at APSA 2023, ISA 2024). ( <i>Revise &amp; Resubmit at Review of International Political Economy</i> ). Johnathan Guy, <b>Ishana Ratan</b> , Anthony Calacino. "When the River Runs Dry: Climate Change and the Political Economy of Hydropower Retrenchment." <b>Ishana Ratan</b> and José Vega Araújo. "What Money Can't Buy: Company Experience and Local Resistance to Large Scale Renewable Energy." (Submitted). <b>Ishana Ratan</b> , Paula Niemoller, Jonas Meckling, Karsten Neuhoﬀ. "Global Sectoral Decarbonization." (Submitted). <b>Ishana Ratan</b> , Bentley Allan. "Constructing Comparative Advantage for the Energy Transition." <b>Ishana Ratan</b> , Bentley Allan, Tim Sahay, and Benjamin Bagozzi. "Focusing Green Industrial Policy: Identifying Sectoral Competitiveness for the Energy Transition."	

**Ishana Ratan**, Jennifer Hadden, and Taib Biygautane. “Green Power, Indigenous Protest: Understanding Wind Energy Opposition in the Developing World.” (Submitted).

POLICY REPORTS	<p>Cecilia Springer, <b>Ishana Ratan</b>, Yudong Nathan Liu, &amp; Jia Gu. 2023. “Green Horizons? China’s Global Energy Finance in 2022.” <i>Boston University Global Development Policy Center</i>.</p> <p>Alison E. Post, <b>Ishana Ratan</b>, Mary C. Hill, Amy Huang, Kenichi Soga &amp; Bingyu Zhao. 2022. “Benchmarking “Smart City” Technology Adoption in California: An Innovative Web Platform for Exploring New Data and Tracking Adoption.” <i>Institute for Transportation Studies, U.C. Berkeley</i>.</p> <p>Amy Huang, Alison E. Post, <b>Ishana Ratan</b>, Mary C. Hill &amp; Bingyu Zhao. 2022. “Where are Private “Smart City” Transportation Technologies Concentrated in California?” <i>Institute for Transportation Studies, U.C. Berkeley</i></p>	
FELLOWSHIPS & AWARDS	<p>Berkeley Economy and Society Initiative (\$2,700) <span style="float: right;"><b>2024</b></span></p> <p>APSA Doctoral Dissertation Research Improvement Grant (\$10,800) <span style="float: right;"><b>2023</b></span></p> <p>IGCC (\$50,000), with J. Guy and J. Bussell <span style="float: right;"><b>2022</b></span></p> <p>Network for a New Political Economy (\$2,000) <span style="float: right;"><b>2022</b></span></p> <p>Simpson Research Grant in International Studies (\$13,500) <span style="float: right;"><b>2020</b></span></p>	
TEACHING EXPERIENCE	<p>Global Environmental Politics <span style="float: right;"><b>Fall 2025</b></span></p> <p>International Political Economy, Graduate Student Instructor <span style="float: right;"><b>Spring 2020</b></span></p> <p>WAR!, Graduate Student Instructor <span style="float: right;"><b>Fall 2019</b></span></p>	
RESEARCH POSITIONS	<p><b>Post-doctoral Fellow, <i>Net Zero Industrial Policy Lab</i></b> <span style="float: right;"><b>2025 - Present</b></span></p> <p>Post-doctoral Fellow with the Johns Hopkins Net Zero Industrial Policy Lab (with Bentley Allan and Tim Sahay).</p> <p><b>Global Development Policy Center</b> <span style="float: right;"><b>2022 - 2024</b></span></p> <p>Pre-doctoral fellowship with Global China Initiative, Energy and Climate Team (with Kevin P. Gallagher).</p> <p><b>Assistant Director, <i>Berkeley APEC Study Center</i></b> <span style="float: right;"><b>2018 - Present</b></span></p> <p>Graduate student researcher and website management at BASC (with Vinod K. Aggarwal).</p> <p><b>GSR, <i>Smart City Technology Adoption</i></b> <span style="float: right;"><b>2020 - 2022</b></span></p> <p>Graduate student researcher for Smart City Technology Adoption in California project (with Alison E. Post, Alexandre Bayen, and Karen T. Frick)</p>	
INVITED TALKS & CONFERENCES	<p>ISA, USCB Environmental Politics Workshop, APSA <span style="float: right;"><b>2025</b></span></p> <p>ISA, LASA, APSA, Environmental Politics and Governance <span style="float: right;"><b>2024</b></span></p> <p>GSIPE Conference, MPSA, APSA <span style="float: right;"><b>2023</b></span></p> <p>APSA, MPSA, GSIPE Mini-Conference <span style="float: right;"><b>2022</b></span></p> <p>APSA, Climate Futures Workshop <span style="float: right;"><b>2021</b></span></p>	
AFFILIATIONS & SERVICE	<p><b>Organizing Team</b>, GSIPE <span style="float: right;"><b>2023 - 2024</b></span></p> <p><b>Events Team</b>, Graduate Students in International Political Economy <span style="float: right;"><b>2022 - 2023</b></span></p>	

Lab Coordinator, Energy and Environment Policy Lab

2020 - 2021

SKILLS

**Programming:** R, STATA, Qualtrics, QGIS, L<sup>A</sup>T<sub>E</sub>X

**Languages:** English (native), Spanish (advanced)

**Media:** Adobe Photoshop Suite

REFERENCES

**Vinod K. Aggarwal**

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**Alison E. Post**

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