

Johannes Urpelainen

Curriculum Vitae

July 15, 2022

School of Advanced International Studies
Johns Hopkins University
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Washington, DC 20036

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Employment

Prince Sultan Bin Abdulaziz Professor of Energy, Resources and Environment,
School of Advanced International Studies, Johns Hopkins University,
July 2017 –

Associate Professor (untenured), Department of Political Science,
Columbia University,
July 2014 – June 2017

Assistant Professor, Department of Political Science, Columbia University,
July 2009 – June 2014

Current and Past Leadership Positions

Founding Director, Initiative for Sustainable Energy Policy,
School of Advanced International Studies, Johns Hopkins University,
July 2017 – CURRENT

- Founded a new research initiative without an endowment or core support
- Developed the vision, research strategy, and public profile of initiative
- Managed operations, finances, and communications of initiative
- Raised major grants (\$4 million) to support multi-year policy research initiatives in China, India, and beyond
- Created a global network of over one hundred affiliates

Director, Master of Arts in Sustainable Energy (MASE) Online Degree,
School of Advanced International Studies, Johns Hopkins University,
August 2020 – CURRENT

- Developed curriculum for first online degree in the school
- Recruited and mentored all faculty
- Supervised capstone projects and mandatory residencies
- Recruited multiple cohorts of students

Leadership Council, O'Connor Energy Institute, Johns Hopkins University,
March 2021 – CURRENT

- Led the institute's social science research and global policy engagement
- Developed a research initiative for zero-carbon power systems, markets, and policy

Built multiple partnerships with engineering and science faculty

Theme Co-Leader,
Alliance for Healthier World, Johns Hopkins University,
September 2019 – CURRENT

Developed an India research program on air quality and public health
Established partnerships with leading Indian research organizations

Director, Energy Resources, and Environment (ERE) Program,
School of Advanced International Studies, Johns Hopkins University,
July 2018 – June 2021

Restructured faculty governance and program management
Led program redesign: vision, learning outcomes, requirements, curriculum
Developed an integrated research, teaching, and outreach strategy for the program
Led development of the Master of Arts in Sustainable Energy (MASE), the first online degree in the school
Managed a program with over a hundred students, twenty faculty, and three staff members across three campuses (Washington DC, Bologna, Nanjing)

External Affiliations

Senior Advisor, Swaniti Initiative
Contributing Writer, The Brookings Institution
Senior Advisor, ViaX Online Education
Non-Resident Fellow, Center on Global Energy Policy, Columbia University
Non-Resident Fellow, Payne Institute, Colorado School of Mines
Adjunct Senior Research Scholar, School of International and Public Affairs, Columbia University
Senior Advisor, Intellisia Institute
Research Affiliate, International Growth Centre
Executive Member, Advisory Council, Suprabha Partnership by World Bank and State Bank of India
Member, Advisory Board, Energy for Growth Hub
Member, Scholars Strategy Network
Member, India Energy Network
Member, Climate Social Science Network

Visiting Positions

Aalto University, Department of Applied Physics, December 2014
Aalto University, Department of Applied Physics, December 2013
Institute for Regional Studies, Princeton University, July 2012 – June 2013
Finnish Institute of International Affairs, August 2012

Honors and Awards

2018-2022 Eilert Sund Visiting Scholarship at the University of Oslo, Norway
2018-2019 Johns Hopkins University, President's Frontier Award, Semi-Finalist
2018-2019 Yeung Family Scholar at Johns Hopkins School of Advanced International Studies

2015 Outstanding Paper Award: *Clean Technologies and Environmental Policy*, “Solar Products for Poor Rural Communities as a Business: Lessons from a Successful Project in Uttar Pradesh, India”

Education

Ph.D. Political Science, University of Michigan, 2009

M.Soc.Sc. International Relations, University of Tampere, 2006

B.Soc.Sc. International Relations, University of Tampere, 2005

Research Focus

Political economy of energy and environment

Sustainable energy

Energy access

Emerging economies

South Asia

International cooperation and institutions

Global environmental politics

North-South relations

Domestic-international linkages

International organizations

Published Books

The Transformation of Global Environmental Politics. 2022. Columbia University Press.

Escaping the Energy Poverty Trap: When and How Governments Power the Lives of the Poor. 2018. MIT Press. [With Michaël Aklin, Patrick Bayer, and S.P. Harish]

Renewables: The Politics of a Global Energy Transition. 2018. MIT Press. [With Michaël Aklin]

Targeting Big Polluters: Understanding Activism against the Fossil Fuel Industry. 2018. Greenleaf Publishing. [With Andrew Cheon]

The International Politics of Democratic Transitions: How International Organizations Assist New Democracies. 2018. Chicago University Press. [With Paul Poast]

Cutting the Gordian Knot of Economic Reform: When and How International Institutions Help. 2014. Oxford University Press. [With Leonardo Baccini]

Forthcoming Book Manuscripts

Energy and Environment in India: The Politics of a Chronic Crisis. [forthcoming with Columbia University Press, spring 2023]

Article Highlights

12. COVID-19 Economic Recovery Efforts Fall Short of Meeting Climate Goals. Forthcoming. *Nature*. [With Jonas Nahm and Scot Miller]
11. Adoption of Community Monitoring Improves Common Pool Resource Management Across Contexts. Forthcoming. *Proceedings of the National Academy of Sciences*. [With Tara Slough et al]
10. The Effects of Rural Electrification in India: An Instrumental Variable Approach at the Household Level. Forthcoming. *Journal of Development Economics*. [With Daniel Thomas, S.P. Harish, and Ryan Kennedy]
9. The Need for Impact Evaluation in Electricity Access Research. 2020. *Energy Policy*: 137): 111099. [With Patrick Bayer, Ryan Kennedy, and Joonseok Yang]
8. The Broad Impact of a Narrow Conflict: How Natural Resource Windfalls Shape Policy and Politics. 2018. *Journal of Politics*: 80 (2): 630-646. [With Jasper Cooper and Sung Eun Kim]
7. Does Basic Energy Access Generate Socio-Economic Benefits? A Field Experiment with Off-Grid Solar Power in India. 2017. *Science Advances* 3: e1602153. [With Michaël Aklin, Patrick Bayer, and S.P. Harish]
6. Factors Affecting Household Satisfaction with Electricity Supply in Rural India. 2016. *Nature Energy* 1: 16048. [With Michaël Aklin, Chao-yo Cheng, Karthik Ganesan, and Abhishek Jain]
5. It's All About Political Incentives: Democracy and the Renewable Feed-In Tariff. 2016. *Journal of Politics* 78 (2): 603-619. [With Patrick Bayer]
4. Instruments of Political Control: National Oil Companies, Oil Prices, and Petroleum Subsidies. 2015. *Comparative Political Studies* 48 (3): 370-402. [With Andrew Cheon and Maureen Lackner]
3. International Bureaucrats and the Formation of Intergovernmental Organizations: Institutional Design Discretion Sweetens the Pot. 2014. *International Organization* 68 (1): 177-209. [With Tana Johnson]
2. Political Competition, Path Dependence, and the Strategy of Sustainable Energy Transitions. 2013. *American Journal of Political Science*: 57 (3): 643-658. [With Michaël Aklin]
1. A Strategic Theory of Regime Integration and Separation. 2012. *International Organization* 66 (4): 645-677. [With Tana Johnson]

Other Articles on Environmental and Energy Politics

176. Concerns of Climate Intervention: Understanding Geoengineering Security Concerns in the Arctic and Beyond. Forthcoming. *Climatic Change* [With Joseph Versen and Zaruhi Mnatsakanyan]
175. Jobs for a Just Transition: Evidence on Coal Job Preferences from India. Forthcoming. *Energy Policy* [With Brian Blankenship et al]
174. Identifying Coal Plants for Early Retirement in India: a Multidimensional Analysis of Technical, Economic, and Environmental Factors. Forthcoming. *Applied Energy* [With Nada Maamoun et al]

173. Supply Preferences and Productive Electricity Use Constraints among Micro and Small Enterprises in Bihar, India. Forthcoming.
Energy for Sustainable Development. [With Setu Pelz and Michaël Aklin]
172. Understanding Electricity Billing Preferences in Rural and Urban India: Evidence From a Conjoint Experiment. Forthcoming.
Energy Economics. [With Jason Wong et al]
171. Electoral Backlash or Positive Reinforcement? Wind Power and Congressional Elections in the United States. Forthcoming.
Journal of Politics. [With Alice Tianbo Zhang]
170. Incorporating Political Feasibility Concerns into the Assessment of India's Clean Air Policies. Forthcoming.
OneEarth. [With Wei Peng, Sung Eun Kim, Fabian Wagner, and Pallav Purohit]
169. Playing Politics with Environmental Protection: The Political Economy of Designating Protected Areas. Forthcoming.
Journal of Politics. [With Jorge Mangonnet and Jacob Kopas]
168. Satellite-based deforestation alerts with training and incentives for patrolling facilitate community monitoring in the Peruvian Amazon. Forthcoming.
Proceedings of the National Academy of Sciences. [With Tara Slough and Jacob Kopas]
167. Increasing Microsolar Technology Adoption: Efficacy of Vouchers, Cash Transfers, and Microfinance Schemes. Forthcoming.
Energy Economics. [With Jason Wong and Brian Blankenship]
166. The Enemy Within: Green Industrial Policy and Stranded Assets in China's Power Sector. Forthcoming.
Global Environmental Politics. [With Jonas Nahm]
165. The Behavioral Impact of Basic Energy Access: A Randomized Controlled Trial with Solar Lanterns in Rural India. Forthcoming.
Energy for Sustainable Development. [With Aseem Mahajan and S.P. Harish]
164. The Evolving Role of Solar-Based Lighting Solutions in Rural India: Global Lessons for Distributed Renewables. Forthcoming.
Energy for Sustainable Development. [With Michaël Aklin]
163. Electrification and productive use among micro- and small-enterprises in rural North India. Forthcoming.
Energy Policy. [With Setu Pelz and Michaël Aklin]
162. The Hedonic Treadmill: Electricity Access in India Has Increased, But So Have Expectations. Forthcoming.
Energy Policy. [With Michaël Aklin, Namrata Chindarkar, Abhishek Jain, and Karthik Ganesan]
161. The Great Equalizer: Inequality in Tribal Energy Access and Policies to Address It. Forthcoming.
Energy Research and Social Science. [With Michaël Aklin, Brian Blankenship, and Vagisha Nandan]
160. Sensitivity of Seasonal Migration to Climatic Variability in Central India. Forthcoming.
Environmental Research Letters. [With Pooja Choksi et al]
159. Improved Household Living Standards Can Restore Dry Tropical Forests. Forthcoming.
Biotropica. [With Ruth DeFries et al]

158. Modeling Illegal Logging in Brazil. Forthcoming.
Research in Mathematical Sciences. [With Bohan Chen, Kaiyan Peng, Christian Parkinson, Andrea Bertozzi, and Tara Slough]
157. Thermoelectric Power Generation and Water Stress in India: A Spatial and Temporal Analysis. Forthcoming.
Environmental Science and Technology. [With Chao Zhang, Joonseok Yang, Puneet Chitkara, Jiayi Zhang, and Jiao Wang]
156. Greasing the Wheels: The Politics of Environmental Clearances in India. Forthcoming.
Studies in Comparative International Development. [With Jacob Kopas and Erin York]
155. Liquefied Petroleum Gas (LPG) Adoption by Indigenous and Marginalized Populations in Forested Regions of Central India. Forthcoming.
Energy Research and Social Science. [With Sarika Khanwilkar, Carlos F. Gould, Bilal Habib, and Ruth DeFries]
154. Taking a Gamble: Chinese Overseas Energy Finance and Country Risk. Forthcoming.
Journal of Cleaner Production. [With Hanna Niczyporuk]
153. Global Climate and Energy Policy after the COVID-19 Pandemic: The Tug-of-War between Markets and Politics. 2020.
COVID-19 and World Order: The Future of Conflict, Competition, and Cooperation. Johns Hopkins University Press, edited by Hal Brands and Francis J. Gavin.
152. Perceptions and Acceptability of Electricity Theft: Towards Better Public Service Provision. Forthcoming.
World Development. [With Jason Chun Yu Wong, Brian Blankenship, Karthik Ganesan, Kapardhi Bharadwaj, and Kanika Balanii]
151. Migration, Assets, and Forest Degradation in a Tropical Deciduous Forest of South Asia. Forthcoming.
Ecological Economics. [With Sandra Baquié, Sarika Khanwilkar, Pinki Mondal, Harini Nagendra, and Ruth DeFries]
150. The Critical Role of Policy Enforcement in Achieving Health, Air Quality and Climate Benefits from India's Clean Electricity Transition. Forthcoming.
Environmental Science and Technology. [With Wei Peng, Hancheng Dai, Hao Guo, Pallav Purohit, Fabian Wagner, Yazhen Wu, and Hongliang Zhang]
149. Vested Interests: Examining the Political Obstacles to Power Sector Reform in Twenty Indian States. Forthcoming.
Energy Research and Social Science. [With Julia Lee, Yuree Noh, Chao-Yo Cheng, and Joseph Van Horn]
148. Barking Up the Wrong Tree: How Political Alignment Shapes Electoral Backlash from Natural Disasters. Forthcoming.
Comparative Political Studies. [With Brian Blankenship, Ryan Kennedy, and Joonseok Yang]
147. Actors, Objectives, Context: A Political Economy Framework for Energy and Climate Policy Applied to India, Indonesia, and Vietnam. Forthcoming.
Energy Research and Social Science. [With Michael Jakob, Christian Flachsland, and Jan Steckel]
146. Energy Access for Marginalized Communities: Evidence from Rural North India, 2015-2018. Forthcoming.
World Development. [With Setu Pelz and Namrata Chindarkar]

145. Jointly Modeling the Adoption and Use of Clean Cooking Fuels in Rural India. Forthcoming. *Environmental Research Communications*. [With Carlos F. Gould, Xiaoxue Hou, Anjali Sharma, and Jennifer Richmond]
144. Influence of Improved Supply on Household Electricity Consumption: Evidence from Rural India. Forthcoming. *Energy*. [With Shalu Agrawal, S.P. Harish, Aseem Mahajan, and Daniel Thomas.]
143. Measuring and Explaining Household Access to Electrical Energy Services: Evidence from Rural Northern India. Forthcoming. *Energy Policy*. [With Setu Pelz]
142. Cross-State Air Pollution Transport Calls for More Centralization in India's Environmental Federalism. Forthcoming. *Atmospheric Pollution Research*. [With Xinming Du, Hao Guo, Hongliang Zhang, and Wei Peng]
141. The Future of Coal in a Carbon Constrained Climate. Forthcoming. *Nature Climate Change*. [With Michael Jakob et al.]
140. Crowdsourcing Data on the Reliability of Electricity Service: Evidence from A Telephone Survey in Uttar Pradesh, India. Forthcoming. *Energy Policy*. [With Ryan Kennedy and Aseem Mahajan]
139. An Ultra-Low Emission Coal Power Fleet for Cleaner but not Hotter Air. Forthcoming. *Environmental Research Letters*. [With Yana Jin and Wei Peng]
138. Transboundary Air Pollution from Coal-Fired Power Generation. Forthcoming. *Journal of Environmental Management*. [With Noah Zucker, Xinming Du, Xiaomeng Jin, and Ryan Kennedy]
137. Drivers of Household Appliance Usage: Evidence from Rural India. Forthcoming. *Energy for Sustainable Development*. [With Jennifer Richmond and Shalu Agrawal]
136. Environmental Justice in India: Incidence of Air Pollution from Coal-Fired Power Plants. Forthcoming. *Ecological Economics*. [With Jacob Kopas, Erin York, S.P. Harish, Xiaomeng Jin, and Ryan Kennedy]
135. Air Pollutant Emissions Induced by Population Migration in China. Forthcoming. *Environmental Science and Technology*. [With Guang Shi, Xi Lu, Yu Deng, Lan-Cui Liu, Zhonghua Zheng, Wendong Wei, and Haikun Wang]
134. Lock-In for Lighting: The Puzzle of Continued Kerosene Use among Electrified Households. Forthcoming. *Energy Research and Social Science*. [With Xiaoxue Hou]
133. Identifying Coal-Fired Power Plants for Early Retirement. Forthcoming. *Renewable and Sustainable Energy Reviews* [With Nada Maamoun, Xiaomeng Jin, and Ryan Kennedy]
132. Electric Shock: The 2012 India Blackout and Public Confidence in Politicians. Forthcoming. *Review of Policy Research* [With Brian Blankenship]
131. Following the Leaders? How to Restore Progress in Global Climate Governance. Forthcoming. *Global Environmental Politics* [With Joshua Busby]
130. Inequality in Policy Implementation: Caste and Electrification in Rural India. Forthcoming. *Journal of Public Policy*. [With Michaël Aklin and Chao-Yo Cheng]

129. Increasing Rural Electrification Through Connection Campaigns. Forthcoming. *Energy Policy*. [With Brian Blankenship, Ryan Kennedy, Aseem Mahajan, and Jason Chun Yu Wong]
128. Environmental Effects of GATT/WTO Membership: An Empirical Evaluation. Forthcoming. *International Interactions* [With Sung Eun Kim and Joonseok Yang]
127. Explaining Willingness to Pay for Pricing Reforms that Improve Electricity Service in India. Forthcoming. *Energy Policy*. [With Brian Blankenship and Jason Chun-Yu Wong]
126. Understanding Segmentation in Rural Electricity Markets: Evidence from India. Forthcoming. *Energy Economics*. [With Daniel Thomas, Shalu Agrawal, S.P. Harish, and Aseem Mahajan]
125. Is Coal-Fired Power Generation Associated with Rural Electrification? A Global Analysis. Forthcoming. *Energy Research and Social Science*. [With Joonseok Yang]
124. The Adoption and Use of Solar Mini-Grids in Grid-Electrified Indian Villages. Forthcoming. *Energy for Sustainable Development*. [With Anjali Sharma and Shalu Agrawal]
123. State Policy and Lobbying in a Federal System: Evidence from the Production Tax Credit for Renewable Energy, 1998-2012. Forthcoming. *State Politics and Policy Quarterly*. [With Sung Eun Kim and Joonseok Yang]
122. Trials and Tribulations: Lost Energy Access Gains in Rural India. Forthcoming. *Energy for Sustainable Development*. [With Michaël Aklin]
121. Multilevel Customer Segmentation for Off-Grid Solar in Developing Countries: Evidence from Solar Home Systems in Rwanda and Kenya. Forthcoming. *Energy* 118: 115728. [With Ryan Kennedy, Sini Numminen, and Joseph Sutherland]
120. The Future of Coal-Fired Power Generation in Southeast Asia. Forthcoming. *Renewable and Sustainable Energy Reviews*. [With Richard Clark and Noah Zucker]
119. Weathering Electricity Demand? Seasonal Variation in Electricity Consumption Among Off-Grid Households in Rural India. Forthcoming. *Energy Research and Social Science*. [With Aleksandra Conevska]
118. Environmental Degradation and Public Opinion: The Case of Air Pollution in Vietnam. Forthcoming. *Journal of Environment and Development* [With Sung Eun Kim, S.P. Harish, and Ryan Kennedy]
117. Elections and Policy Responsiveness: Evidence from Environmental Voting in the U.S. Congress. Forthcoming. *Review of Policy Research*. [With Richard McAlexander]
116. The Role of Education and Attitudes in Cooking Fuel Choice: Evidence from India. Forthcoming. *Energy for Sustainable Development*. [With Carlos F. Gould]
115. The Gendered Nature of Liquefied Petroleum Gas Stove Adoption and Use in Rural India. Forthcoming. *Journal of Development Studies*. [With Carlos F. Gould]
114. Shades of Darkness or Light? A Systematic Review of Geographic Bias in Impact Evaluations of Electricity Access. Forthcoming. *Energy Research and Social Science*. [With David Hamburger, Joel Jaeger, Patrick Bayer, Ryan Kennedy, and Joonseok Yang]

113. Electrification and Appliance Ownership Over Time: Evidence from Rural India. Forthcoming. *Energy Policy*. [With Jennifer Richmond]
112. Political Institutions and Pollution: Evidence from Coal-Fired Power Generation. Forthcoming. *Review of Policy Research*. [With Richard Clark and Noah Zucker]
111. Mid-Century Strategies: Pathways to a Low-Carbon Future? Forthcoming. *Climate Policy*. [With Narayan Gopinathan and Narayan Subramanian]
110. The Future of India's Coal-Fired Power Generation Capacity. Forthcoming. *Journal of Cleaner Production*. [With Joonseok Yang]
109. Commercial and Industrial Consumers' Perspectives on Electricity Pricing Reform: Evidence from India. Forthcoming. *Energy Policy*. [With Tom Moerenhout and Shruti Sharma]
108. Quality of Service Predicts Willingness to Pay for Household Electricity Connections in Rural India. Forthcoming. *Energy Policy*. [With Ryan Kennedy and Aseem Mahajan]
107. Global Patterns of Power Sector Reform, 1982-2013. Forthcoming. *Energy Strategy Reviews*. [With Joonseok Yang]
106. The More Things Change, the More They Stay the Same? Developing Countries' Unity at the Nexus of Trade and Environmental Policy. Forthcoming. *Review of International Organizations*. [With Tana Johnson]
105. Power Availability and Reliability of Solar Pico-Grids in Rural Areas: A case Study from Northern India. Forthcoming. *Sustainable Energy Technologies and Assessments*. [With Sini Numminen, Peter Lund, and Semee Yoon]
104. A Global Analysis of Progress in Household Electrification. Forthcoming. *Energy Policy* [With Michaël Aklin and S.P. Harish]
103. LPG as a Clean Cooking Fuel: Adoption, Use, and Impact in Rural India. Forthcoming. *Energy Policy* [With Carlos F. Gould]
102. Vouchers Can Create a Thriving Market for Distributed Power Generation in Developing Countries. Forthcoming. *Energy Research and Social Science*
101. An Evaluation of Dynamic Electricity Pricing for Solar Micro-Grids in Rural India. Forthcoming. *Energy Strategy Reviews*. [With Sini Numminen, Semee Yoon, and Peter Lund]
100. Trust in Government and Subsidy Reform: Evidence from a Survey of Indian Farmers. Forthcoming. *Studies in Comparative International Development*. [With Meir Alkon]
99. How Do Sectoral Interests Shape Distributive Politics? Evidence from Gasoline and Diesel Subsidy Reforms. Forthcoming. *Review of Policy Research* [With Brian Blankenship]
98. Allocating Environmentally Beneficial and Harmful Foreign Aid: The Role of Domestic Political Institutions. 2019. *Peace Studies* 27 (1): 353-402. [With Sung Eun Kim]
97. United States Non-Cooperation and the Paris Agreement. 2018. *Climate Policy* 18 (7): 839-851. [With Thijs Van de Graaf]

96. Distributed Power Generation in National Rural Electrification Plans: An International and Comparative Evaluation. 2018.
Energy Research and Social Science 44: 1-5. [With Meir Siyuan Ma]
95. Economics of Household Technology Adoption in Developing Countries: Evidence from Solar Technology Adoption in Rural India. 2018.
Energy Economics 72: 35-46. [With Michaël Aklin, Patrick Bayer, and S.P. Harish]
94. Satellite Data for the Social Sciences: Measuring Rural Electrification with Nighttime Lights. 2018.
International Journal of Remote Sensing 39 (9): 2690-2701. [With With Eugenie Dugoua and Ryan Kennedy]
93. Social Acceptance of New Energy Technology in Developing Countries: A Framing Experiment in Rural India. 2018.
Energy Policy 113: 466-477. [With Michaël Aklin and Chao-yo Cheng]
92. Early Electrification and the Quality of Service: Evidence from Rural India. 2018.
Energy for Sustainable Development 44: 11-20. [With Daniel Robert Thomas]
91. RISE to the Occasion? A Critique of the World Bank's Regulatory Indicators for Sustainable Energy. 2018.
Energy Research and Social Science 39: 69-73.
90. Geography, Community, Household: Adoption of Distributed Solar Power across India. 2018.
Energy for Sustainable Development 42: 54-63. [With With Michaël Aklin and Chao-yo Cheng]
89. Environmental Public Opinion in U.S. States, 1973-2012. 2018.
Environmental Politics 27 (1): 89-114. [With Sung Eun Kim]
88. Power Sector Reforms and Technical Performance: Good News from an Instrumental Variable Analysis. 2018.
Review of Policy Research 35 (1): 120-152. [With Cynthia Lau and Joonseok Yang]
87. Can Product Demonstrations Create Markets for Sustainable Energy Technology? A Randomized Controlled Trial in Rural India. 2017.
Energy Policy 109: 666-675. [With Semee Yoon]
86. The Polarization of American Environmental Policy: A Regression Discontinuity Analysis of Senate and House Votes, 1971-2013. 2017.
Review of Policy Research 34 (4): 456-484. [With Sung Eun Kim]
85. Removing Fuel Subsidies: How Can International Organizations Support National Policy Reforms? 2017.
International Environmental Agreements 17 (3): 327-340. [With Joel E. Smith]
84. Geographic and Socio-Economic Barriers to Rural Electrification: New Evidence from Indian Villages. 2017.
Energy Policy 106: 278-287. [With Eugenie Dugoua]
83. Access to Modern Fuels and Satisfaction with Cooking Arrangements: Survey Evidence from Rural India. 2017.
Energy for Sustainable Development 38: 34-47. [With Sandra Baquié]
82. Policy Reform and the Problem of Private Investment: Evidence from the Power Sector. 2017.
Journal of Policy Analysis and Management 36 (1): 38-64. [With Joonseok Yang]

81. Household Energy Access and Expenditure in Developing Countries: Evidence from India, 1987-2010. 2016.
Energy for Sustainable Development 35: 25-34. [With Meir Alkon and S.P. Harish]
80. The Business of Distributed Solar Power: A Comparative Case Study of Centralized Charging Stations and Solar Microgrids. 2016.
Wiley Interdisciplinary Reviews: Energy and Environment 5: 640-648. [With Anthony Louis D'Agostino and Peter D. Lund]
79. Democracy, Autocracy, and the Urban Bias: Evidence from Petroleum Subsidies. 2016.
Political Studies 64 (3): 552-572. [With Sung Eun Kim]
78. Rural Electrification and Groundwater Pumps in India: Evidence from the 1982-1999 Period. 2016.
Resource and Energy Economics 45: 31-45. [With Michael G. Smith]
77. Unawareness and Indifference to Economic Reform among the Public: Evidence from India's Power Sector Reform. 2016.
Economics of Governance 17 (3): 211-239. [With Chao-yo Cheng]
76. Political Competition and Renewable Energy Transitions over Long Time Horizons: A Dynamic Approach. 2016.
Ecological Economics 124: 175-184. [With Marion Dumas and James Rising]
75. Solar Power for Street Vendors? Problems with Centralized Charging Stations in Urban Markets. 2016.
Habitat International 53: 228-236. [With David Szakonyi]
74. Willingness to Pay for Solar Lanterns: Does the Trial Period Play a Role? 2016.
Review of Policy Research 33 (3): 291-315. [With Milind Kandlikar and Seme Yoon]
73. Does Power Sector Deregulation Promote or Discourage Renewable Energy Policy? Evidence from the States, 1991-2012. 2016.
Review of Policy Research 33 (1): 22-50. [With Sung Eun Kim and Joonseok Yang]
72. Support for Renewable Energy in China: A Survey Experiment with Internet Users. 2016.
Journal of Cleaner Production 112 (5): 3750-3758. [With Dingding Chen and Chao-yo Cheng]
71. Solar Products for Poor Rural Communities as a Business: Lessons from a Successful Project in Uttar Pradesh, India. 2016.
Clean Technologies and Environmental Policy 18 (2): 617-626. [With Seme Yoon]
— **2015 CTEP Outstanding Paper Award**
70. Energy Poverty and Perceptions of Solar Power in Marginalized Communities: Survey Evidence from Uttar Pradesh, India. 2016.
Renewable Energy 85: 534-539.
69. Electric Utilities and American Climate Policy: Lobbying by Expected Winners and Losers. 2016.
Journal of Public Policy 36 (2): 251-275. [With Sung Eun Kim and Joonseok Yang]
68. Explaining Differences in Sub-National Patterns of Clean Technology Transfer to China and India. 2016.
International Environmental Agreements 16 (2): 261-283. [With Patrick Bayer and Alice Xu]
67. Multilateral Energy Lending and Urban Bias in Autocracies: Promoting Fossil Fuels. 2016.
Mitigation and Adaptation Strategies for Global Change 21 (2): 167-190. [With Sung Eun Kim]

66. The Political Economy of Energy Access: Survey Evidence from India on State Intervention and Public Opinion. 2015.
Energy Research and Social Science 10: 250-258. [With Michaël Aklin, Patrick Bayer, and S.P. Harish]
65. Interests, Institutions, and Climate Policy: Explaining the Choice of Policy Instruments for the Energy Sector. 2015.
Environmental Science and Policy 54: 52-63. [With Llewelyn Hughes]
64. All Policies Are Glocal: International Environmental Policymaking with Strategic Subnational Governments. 2015.
British Journal of Political Science 45 (3): 559-582. [With Michael Bechtel]
63. Light for All? Evaluating Brazil's Rural Electrification Progress, 2000-2010. 2015.
Energy Policy 86: 315-327. [With Tara Slough and Joonseok Yang]
62. Why Pick on Us? Environmental INGOs and State Shaming as a Strategic Substitute. 2015.
Political Studies 63 (2): 353-372. [With Amanda M. Murdie]
61. Escaping Oil's Stranglehold: When Do States Invest in Energy Security? 2015.
Journal of Conflict Resolution 59 (6): 953-983. [With Andrew Cheon]
60. When International Organizations Bargain: Evidence from the Global Environment Facility. 2015.
Journal of Conflict Resolution 59 (6): 1074-1100. [With Patrick Bayer and Christopher Marcoux]
59. Socio-Economic Determinants of Charcoal Expenditures in Tanzania: Evidence from Panel Data. 2015.
Energy Economics 49: 472-481. [With Anthony L. D'Agostino and Alice Xu]
58. Small and Beautiful? The Programme of Activities and the Least Developed Countries. 2015.
Climate and Development 7 (2): 153-164. [With Patrick Bayer and Valerie M. Pinkerton]
57. Quantifying Slum Electrification in India and Explaining Local Variation. 2015.
Energy 80: 203-212. [With Michaël Aklin, Patrick Bayer, and S.P. Harish]
56. Solar Home Systems for Rural India: Survey Evidence on Awareness and Willingness to Pay from Uttar Pradesh. 2015.
Energy for Sustainable Development 24: 70-78. [With Semee Yoon]
55. Energy Poverty among Urban Street Vendors in India: Evidence from Patna, Bihar. 2015.
Energy for Sustainable Development 24: 44-49. [With David Szakonyi]
54. The International Renewable Energy Agency: A Success Story in Institutional Innovation? 2015.
International Environmental Agreements 15 (2): 159-177. [With Thijs Van de Graaf]
53. Who Should Take the Garbage Out? Public Opinion on Waste Management in Dar es Salaam, Tanzania. 2015.
Habitat International 46: 111-118. [With Chao-yo Cheng]
52. Relative Deprivation and Energy Poverty: When Does Unequal Access to Electricity Cause Dissatisfaction? 2014.
International Journal of Energy Research 38 (13): 1727-1740. [With Eugenie Dugoua]
51. The Global Spread of Environmental Ministries: Domestic-International Interactions. 2014.
International Studies Quarterly 58 (4): 159-177. [With Michaël Aklin]
50. Fuel Stacking in India: Changes in the Cooking and Lighting Mix, 1987-2010. 2014.
Energy 76 (1): 306-317. [With Chao-yo Cheng]

49. Laissez Faire and the Clean Development Mechanism: Determinants of Project Implementation in Indian States, 2003-2011. 2014.
Clean Technologies and Environmental Policy 16 (8): 1687-1701. [With Patrick Bayer and Alice Xu]
48. Information and Energy Policy Preferences: A Survey Experiment on Public Opinion about Electricity Pricing Reform in Rural India. 2014.
Economics of Governance 15 (4): 305-327, [With Michaël Aklin, Patrick Bayer, and S.P. Harish]
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