

Johannes Urpelainen

Curriculum Vitae

July 4, 2017

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

Leadership

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

External Affiliations

Non-Resident Fellow, Center on Global Energy Policy, Columbia University

Adjunct Senior Research Scholar, School of International and Public Affairs, Columbia University

Senior Advisor, Intellisia Institute

Research Affiliate, International Growth Centre

Member, Working Group on Climate Change, Social Science Research Council

Member, Scholars Strategy 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

Awards

2015 Outstanding Paper Award given by *Clean Technologies and Environmental Policy* for “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

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

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

The International Politics of Democratic Transitions: How International Organizations Assist New Democracies. Forthcoming. 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]

Book Manuscripts under Contract

Global Environmental Politics in the Twenty-First Century. [under advance contract with Princeton University Press]

Complete Book Manuscripts

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

Article Highlights

The Broad Impact of a Narrow Conflict: How Natural Resource Windfalls Shape Policy and Politics. Forthcoming.

Journal of Politics. [With Jasper Cooper and Sung Eun Kim]

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]

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]

It's All About Political Incentives: Democracy and the Renewable Feed-In Tariff. 2016.

Journal of Politics 78 (2): 603-619. [With Patrick Bayer]

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]

International Bureaucrats and the Formation of Intergovernmental Organizations: Institutional Design Discretion Sweetens the Pot. 2014.

International Organization 68 (1): 177-209. [With Tana Johnson]

Political Competition, Path Dependence, and the Strategy of Sustainable Energy Transitions. 2013.

American Journal of Political Science: 57 (3): 643-658. [With Michaël Aklin]

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

Environmental Public Opinion in U.S. States, 1973-2012.

Environmental Politics [With Sung Eun Kim]

Can Product Demonstrations Create Markets for Sustainable Energy Technology? A Randomized Controlled Trial in Rural India. Forthcoming.

Energy Policy [With Seme Yoon]

Power Sector Reforms and Technical Performance: Good News from an Instrumental Variable Analysis. Forthcoming.

Review of Policy Research [With Cynthia Lau and Joonseok Yang]

The Polarization of American Environmental Policy: A Regression Discontinuity Analysis of Senate and House Votes, 1971-2013. Forthcoming.

Review of Policy Research [With Sung Eun Kim]

Removing Fuel Subsidies: How Can International Organizations Support National Policy Reforms? Forthcoming.

International Environmental Agreements [With Joel E. Smith]

Geographic and Socio-Economic Barriers to Rural Electrification: New Evidence from Indian Villages. 2017.

Energy Policy 106: 278-287. [With Eugenie Dugoua]

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]

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]

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]

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]

Democracy, Autocracy, and the Urban Bias: Evidence from Petroleum Subsidies. 2016.

Political Studies 64 (3): 552-572. [With Sung Eun Kim]

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]

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]

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]

Solar Power for Street Vendors? Problems with Centralized Charging Stations in Urban Markets. 2016.

Habitat International 53: 228-236. [With David Szakonyi]

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]

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]

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]

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**

Energy Poverty and Perceptions of Solar Power in Marginalized Communities: Survey Evidence from Uttar Pradesh, India. 2016.

Renewable Energy 85: 534-539.

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]

- 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]
- 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]
- 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]
- 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]
- All Policies Are Glocal: International Environmental Policymaking with Strategic Subnational Governments. 2015.
British Journal of Political Science 45 (3): 559-582. [With Michael Bechtel]
- Light for All? Evaluating Brazil's Rural Electrification Progress, 2000-2010. 2015.
Energy Policy 86: 315-327. [With Tara Slough and Joonseok Yang]
- Why Pick on Us? Environmental INGOs and State Shaming as a Strategic Substitute. 2015.
Political Studies 63 (2): 353-372. [With Amanda M. Murdie]
- Escaping Oil's Stranglehold: When Do States Invest in Energy Security? 2015.
Journal of Conflict Resolution 59 (6): 953-983. [With Andrew Cheon]
- 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]
- 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]
- 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]
- Quantifying Slum Electrification in India and Explaining Local Variation. 2015.
Energy 80: 203-212. [With Michaël Aklin, Patrick Bayer, and S.P. Harish]
- 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 Seme Yoon]
- Energy Poverty among Urban Street Vendors in India: Evidence from Patna, Bihar. 2015.
Energy for Sustainable Development 24: 44-49. [With David Szakonyi]
- The International Renewable Energy Agency: A Success Story in Institutional Innovation? 2015.
International Environmental Agreements 15 (2): 159-177. [With Thijs Van de Graaf]
- 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]
- 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]

- The Global Spread of Environmental Ministries: Domestic-International Interactions. 2014.
International Studies Quarterly 58 (4): 159-177. [With Michaël Aklin]
- Fuel Stacking in India: Changes in the Cooking and Lighting Mix, 1987-2010. 2014.
Energy 76 (1): 306-317. [With Chao-yo Cheng]
- 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]
- 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]
- Who Blames Corruption for the Poor Enforcement of Environmental Laws? Survey Evidence From Brazil. 2014.
Environmental Economics and Policy Studies 16 (3): 241-262. [With Michaël Aklin, Patrick Bayer, and S.P. Harish]
- Choosing International Organizations: When Do States and the World Bank Collaborate on Environmental Projects? 2014.
Review of International Organizations 9 (4): 413-440. [With Patrick Bayer and Christopher Marcoux]
- American Evangelicals and Domestic Versus International Climate Policy. 2014.
Review of International Organizations 9 (4): 441-469. [With Stephen Chaudoin and David Thomas Smith]
- Veto Players and the Value of Political Control: A Theory with Evidence From Energy Privatization. 2014.
Comparative Political Studies 47 (10): 1384-1415. [With David Szakonyi]
- The Effect of Feed-In Tariffs on Renewable Electricity Generation: An Instrumental Variables Approach. 2014.
Environmental and Resource Economics 57 (3): 367-392. [With Michael G. Smith]
- Sinking Costs to Increase Participation: Technology Deployment Agreements Enhance Climate Cooperation. 2014.
Environmental Economics and Policy Studies 16 (3): 229-240.
- Who Benefits From Economic Reform? Firms and Distributive Politics. 2014.
Journal of Politics 76 (3): 841-858. [With David Szakonyi]
- Grid and Off-Grid Electrification: An Integrated Model with Applications to India. 2014.
Energy for Sustainable Development 19: 66-71.
- Early Adopters of Solar Panels in Developing Countries: Evidence from Tanzania. 2014.
Review of Policy Research 31 (1): 17-37. [With Michael G. Smith]
- Environmental Standards as a Strategy of International Technology Transfer. 2014.
Environmental Science and Policy 38: 192-206. [With Eri Saikawa]
- Perceptions of Scientific Dissent Undermine Public Support for Environmental Policy. 2014.
Environmental Science and Policy 38: 173-177. [With Michaël Aklin]
- Addressing Cross-Border Environmental Displacement: When Can International Treaties Help? 2014.
International Environmental Agreements 14 (1): 25-56. [With Narayan Subramanian]

- International Energy Funding: Who Funds Fossil Fuels, Who Funds Energy Access to the Poor? 2013.
International Environmental Agreements 13 (4): 411-423. [With Sung Eun Kim]
- How Do Competing Special Interests Influence Environmental Policy? The Case of Renewable Electricity in Industrialized Democracies, 1989-2007. 2013.
Political Studies 61 (4): 874-897. [With Andrew Cheon]
- Political Market Failure? The Effect of Government Unity on Energy Technology Policy in Industrialized Democracies. 2013.
Technovation 33 (10-11): 333-344. [With Alexandra Cirone]
- Debating Clean Energy: Frames, Counter Frames, and Audiences. 2013.
Global Environmental Change 56: 382-390. [With Michaël Aklin]
- Leveraging Private Capital for Climate Mitigation: Evidence from the Clean Development Mechanism. 2013.
Ecological Economics 96: 14-24. [With Patrick Bayer and Christopher Marcoux]
- Electricity Sector Reform and Generators as a Source of Backup Power: The Case of India. 2013.
Energy for Sustainable Development 17 (5): 477-481. [With David Szakonyi]
- Understanding Environmental Policy Preferences: New Evidence from Brazil. 2013
Ecological Economics 94: 28-36. [With Michaël Aklin, Patrick Bayer, and S.P. Harish]
- When and How Can Advocacy Groups Promote New Technologies? Conditions and Strategies for Effectiveness. 2013.
Journal of Public Policy 33 (3): 259-293. [With Sung Eun Kim]
- Can Strategic Technology Deployment Improve Climate Cooperation? A Game-Theoretic Analysis. 2013.
Mitigation and Adaptation Strategies for Global Change 18 (6): 785-800.
- Why Do Governments Subsidize Gasoline Consumption? An Empirical Analysis of Global Gasoline Prices, 2002-2009. 2013.
Energy Policy 56: 382-390. [With Andrew Cheon and Maureen Lackner]
- Who Uses the Clean Development Mechanism? An Empirical Analysis of Projects in Chinese Provinces. 2013.
Global Environmental Change 23 (2): 512-521. [With Patrick Bayer and Jeremy Wallace]
- Trade Sanctions in International Environmental Policy: Deterring or Encouraging Free Riding? 2013.
Conflict Management and Peace Science 30 (4): 309-334. [With Alexandra Cirone]
- Promoting International Environmental Cooperation Through Unilateral Action: When Can Trade Sanctions Help? 2013.
Global Environmental Politics 13 (2): 26-45.
- Global Patterns of Renewable Energy Innovation, 1990-2009. 2013.
Energy for Sustainable Development 17 (3): 288-295. [With Patrick Bayer and Lindsay Dolan]
- A Model of Dynamic Climate Governance: Dream Big, Win Small. 2013.
International Environmental Agreements 13 (2): 107-125.
- External Sources of Clean Technology: Evidence from the Clean Development Mechanism. 2013.
Review of International Organizations 8 (1): 81-109. [With Patrick Bayer]

- Issue Linkage in Clean Technology Cooperation: For Better or Worse? 2013.
Clean Technologies and Environmental Policy 15 (1): 147-155.
- Why Has Public R&D on Alternatives to Fossil Fuels Decreased in Industrialized Countries? 2013.
Environmental Science and Policy 25: 127-137. [With Michael G. Smith]
- Geoengineering and Global Warming: A Strategic Perspective. 2012.
International Environmental Agreements 12 (4): 375-389.
- Legislative Fractionalization and Partisan Shifts to the Left Increase the Volatility of Public Energy R&D Expenditures. 2012.
Energy Policy 46: 49-57. [With Leonardo Baccini]
- Environmental Regulation in the Shadow of International Trade Law: A Principal-Agent Analysis. 2012.
Strategic Behavior and the Environment 2 (3): 193-215.
- Global Warming, Irreversibility, and Uncertainty: A Political Analysis. 2012.
Global Environmental Politics 12 (4): 68-85.
- Dynamics of Spatial Interdependence: The Contingent Effect of International Trade on Voluntary Environmental Standards. 2012.
Environment and Planning C 30 (5): 871-890. [With Christopher Marcoux]
- Intellectual Property Rights, Clean Technology, and Public Policy: A Strategic Analysis. 2012.
Strategic Behavior and the Environment 2 (2): 173-191.
- Technology Investment, Bargaining, and International Environmental Agreements. 2012.
International Environmental Agreements 12 (2): 145-163.
- Oil Prices and Energy Technology Innovation: An Empirical Analysis. 2012.
Global Environmental Change 22 (2): 407-417. [With Andrew Cheon]
- Strategic Problems in North-South Climate Finance: Creating Joint Gains for Donors and Recipients. 2012.
Environmental Science and Policy 21 (1): 14-23.
- How Do Electoral Competition and Special Interests Shape the Stringency of Renewable Energy Standards? 2012.
Environmental Economics and Policy Studies 14 (1): 23-34.
- The Strategic Design of Technology Funds for Climate Cooperation: Generating Joint Gains. 2012.
Environmental Science and Policy 15 (1): 92-105.
- Special Interests, Regulatory Quality, and the Pesticides Overload. 2011.
Review of Policy Research 28 (6): 585-612. [With Christopher Marcoux]
- Frontrunners and Laggards: The Strategy of Environmental Regulation under Uncertainty. 2011.
Environmental and Resource Economics 50 (3): 325-346.
- Can Unilateral Leadership Promote International Environmental Cooperation? 2011.
International Interactions 37 (3): 320-339.
- Export Orientation and Domestic Electricity Generation: Effects on Energy Efficiency Innovation in Select Sectors. 2011.
Energy Policy 39(9): 5638-5646.

Enforcing International Environmental Cooperation: Technological Standards Can Help. 2010.
Review of International Organizations 5 (4): 475-496.

A California Effect for International Externalities? 2011.
International Interactions 37 (2): 170-189.

Explaining the Schwarzenegger Phenomenon: Local Frontrunners in Climate Policy. 2009.
Global Environmental Politics 9 (3): 82-105.

Other Articles on International Cooperation and Institutions

Not Letting 'Bad Apples' Spoil the Bunch: Democratization and Strict International Organization Accession Rules. Forthcoming.

Review of International Organizations [With Christodoulos Kaoutzakis and Paul Poast]

When Do International Economic Agreements Allow Countries to Pay to Breach? 2015.

Review of International Organizations 10 (2): 231-264. [With Krzysztof J. Pelc]

Your Place or Mine? Institutional Capture and the Creation of Overlapping International Institutions. 2015.

British Journal of Political Science 45 (4): 799-827. [With Thijs Van de Graaf]

Rising Regional Powers Meet the Global Leader: A Strategic Analysis of Influence Competition? 2015.

International Political Science Review 36 (2): 214-234. [With Sung Eun Kim]

When is Good News About Pro-Cooperation Lobbies Good News About Cooperation? 2015.

British Journal of Political Science 45 (2): 411-433. [With Stephen Chaudoin]

Profitable Participation: Technology Innovation as an Influence on the Ratification of Regulatory Treaties. 2014.

British Journal of Political Science 44 (4): 903-936. [With Christopher Marcoux]

Picking Treaties, Picking Winners: International Treaty Negotiations and the Strategic Mobilization of Domestic Interests. 2015.

Journal of Conflict Resolution 59 (6): 1043-1073. [With Joseph M. Brown]

The Domestic Sources of Donor Credibility: When and How Can Domestic Interest Groups Improve the Effectiveness of Threats and Promises? 2015.

Journal of Conflict Resolution 59 (2): 283-309. [With Man Yan Eng]

How International Organizations Support Democratization: Preventing Authoritarian Reversals or Promoting Consolidation? 2015.

World Politics 67 (1): 72-113. [With Paul Poast]

A Strategic Theory of Effective Monitoring Arrangements for International Institutions. 2014.

Journal of Theoretical Politics 26 (4): 599-628. [With Thania Sanchez]

Does it Pay to Play? How Bargaining Shapes Donor Participation in Funding Global Public Goods. 2014.

Strategic Behavior and the Environment 4 (3): 263-290. [With Patrick Bayer]

Technology Competition and International Cooperation: Friends or Foes? 2014.

British Journal of Political Science 44 (3): 545-574. [With Sung Eun Kim]

- Before Ratification: Understanding the Timing of International Treaty Effects on Domestic Policies. 2014.
International Studies Quarterly 58 (1): 29-43. [With Leonardo Baccini]
- International Institutions and Domestic Politics: Can Preferential Trading Agreements Help Leaders Promote Economic Reform? 2014.
Journal of Politics 76 (1): 195-214. [With Leonardo Baccini]
- Partisan Heterogeneity and International Cooperation: The Case of the European Development Fund. 2014.
Journal of Conflict Resolution 58 (1): 120-142. [With Christina J. Schneider]
- Fit and Feasible: Why Democratizing States Form, not Join, International Organizations. 2013.
International Studies Quarterly 57 (4): 831-841. [With Paul Poast]
- Non-Compliance by Design: Moribund Hard Law in International Institutions. 2013.
Review of International Organizations 8 (2): 163-191. [With Christopher Marcoux]
- International Bargaining, Endogenous Domestic Constraints, and Democratic Accountability. 2013.
Journal of Theoretical Politics 25 (2): 260-283. [With Terrence L. Chapman and Scott Wolford]
- Distributional Conflict Between Powerful States and International Treaty Ratification. 2013.
International Studies Quarterly 57 (1): 13-27. [With Christina J. Schneider]
- Funding Global Public Goods: The Dark Side of Multilateralism. 2013.
Review of Policy Research 30 (2): 160-189. [With Patrick Bayer]
- Capacity, Not Constraints: A Theory of North-South Regulatory Cooperation. 2012.
Review of International Organizations 7 (4): 399-424. [With Christopher Marcoux]
- Costly Adjustments, Markets, and International Reassurance. 2012.
British Journal of Political Science 42 (3): 679-704.
- Explaining Public Support for International Integration: How Do National Conditions and Treaty Characteristics Interact with Individual Beliefs? 2012.
Journal of Politics 74 (4): 1108-1124. [With Thomas Sattler]
- Strategic Side Payments: Preferential Trading Agreements, Economic Reform, and Foreign Aid. 2012.
Journal of Politics 74 (4): 932-949. [With Leonardo Baccini]
- Unilateral Influence on International Bureaucrats: An International Delegation Problem. 2012.
Journal of Conflict Resolution 56 (4): 701-732.
- Accession Rules for International Institutions: A Legitimacy-Efficacy Trade-off? 2012.
Journal of Conflict Resolution 56 (2): 290-312. [With Christina J. Schneider]
- How Uncertainty About Outside Options Impedes International Cooperation. 2012.
International Theory 4 (1): 133-163.
- How Does Democratic Accountability Shape International Cooperation? 2012.
Conflict Management and Peace Science 29 (1): 28-55.
- NGO Monitoring and the Legitimacy of International Cooperation. 2012.
Review of International Organizations 7 (1): 1-32. [With Christopher L. Pallas]
- The Enforcement-Exploitation Trade-off in International Cooperation Between Weak and Powerful States. 2011.
European Journal of International Relations 17 (4): 631-653.

International Technology Cooperation: The Problem of Commercial Rivalry. 2011.
Review of Policy Research 28 (5): 423-450.

Domestic Reform as a Rationale for Gradualism in International Cooperation. 2011.
Journal of Theoretical Politics 23 (3): 400-427.

Early Birds: Special Interests and the Strategic Logic of International Cooperation. 2011.
Review of International Organizations 6 (2): 113-140.

Regulation Under Economic Globalization. 2010.
International Studies Quarterly 54 (4): 1099-1121.

Enforcement and Capacity Building in International Cooperation. 2010.
International Theory 2 (1): 32-49.

Political-Economic Problems in Trade Capacity Building. 2009.
Review of International Organizations 4 (4): 329-359.

Articles on Miscellaneous Topics

Windows of Opportunity: Legislative Fragmentation Conditions the Effect of Partisanship on Product Market Deregulation. 2016.
Journal of Public Policy 36 (1): 51-86. [With Michael G. Smith]

Mission and Interests: The Strategic Formation and Function of North-South NGO Campaigns. 2013.
Global Governance 19 (3): 401-423. [With Christopher L. Pallas]

The Origins of Social Institutions. 2011.
Journal of Theoretical Politics 23 (2): 215-240.

Policy Publications

Measuring Energy Access in India: Insights from Applying a Multi-Tier Framework in Cooking Energy and Household Electricity. Poor People's Energy Briefing 5, Practical Action. 2016. [With Abhishek Jain; Lucy Stevens]

Access to Clean Cooking Energy and Electricity: Survey of States. Report for Council on Energy, Environment and Water. 2015. [With Abhishek Jain; Sudatta Ray; Karthik Ganesan; Michaël Aklin; Chao-yo Cheng]

Low Oil Prices: An Opportunity for Fuel Subsidy Reform. 2015. Report for Center on Global Energy Policy at Columbia University. [With Keith Benes; Andrew Cheon; Joonseok Yang]

Soft Cooperation in the Shadow of Distributional Conflict? A Model-Based Assessment of the Two-Level Game between International Climate Change Negotiations and Domestic Politics. 2015. MIT Center for Energy and Environmental Policy Research, Working Paper 2015-001. [With Antto Vihma]

Consumer Demand and Experience with Mera Gao Power in Barabanki, Uttar Pradesh. 2015. Report for Mera Gao Power and SPEED India. [With Michaël Aklin; Patrick Bayer; S.P. Harish]

Mobilizing Public Support for Better Energy Policy in India. 2014. Report for Council on Energy, Environment and Water. [With Michaël Aklin; Patrick Bayer; S.P. Harish]

Social Aspects of Solid Waste Management in Dar es Salaam: A Pilot Study. 2013. Report for the Embassy of Finland, Dar es Salaam, Tanzania. [With Michaël Aklin; Patrick Bayer; S.P. Harish]

Preferential Trading Agreements and Economic Reform in Developing Countries. 2012. IMO Policy Paper 1/2012. [with Leonardo Baccini]

It's Not All About Trade: Preferential Trading Agreements Induce Economic Reforms in Developing Countries. 2012. ARTNet Policy Brief 33. [with Leonardo Baccini]

Towards a New Climate Regime? Views of China, India, Japan, Russia and the United States on the road to Copenhagen. 2008. Finnish Institute of International Affairs [with Anna Korppoo; Linda Jakobson; Antto Vihma; Alexandru Luta]

Päästörajoitusten ilmastohyödyt rajoitusten ulkopuolisissa maissa [Positive Climate Spillovers of Emissions Reductions to Non-Participating Countries]. 2007. Prime Minister's Office, Government of Finland.

Invited Contributions

The Social Science of Sustainability. 2014. In *Emerging Trends in the Social and Behavioral Sciences*, edited by Robert Scott and Stephen Kosslyn. Hoboken: John Wiley and Sons.

Teaching at Johns Hopkins SAIS

Energy and Environment in South Asia (graduate level: fall 2017)

Energy Poverty (graduate level: spring 2018)

Teaching at Columbia University

Global Environmental Politics (undergraduate level: spring 2012, 2014, 2015, 2016, 2017)

Mathematics for Political Science (graduate level: fall 2009, 2010, 2011, 2013, 2014, 2015, 2016)

International Cooperation and Institutions (graduate level: fall 2010, 2011, 2013, 2014, 2016)

International Cooperation and Institutions (undergraduate level: spring 2011, 2012, 2014)

Political Economy of Energy and Environment (graduate level: fall 2015)

Languages

Finnish (native)

English (fluent)

German (good)

Swedish (good)

French (intermediate)

Hindi (intermediate)

Russian (beginner)

Original Data

Global dataset of rural and urban electricity access, 1980-2014

Status: data release pending publication of academic article

Survey of irrigation practices, attitudes, and policy preferences in rural India

Status: data release pending publication of academic article

Content database of the WTO Committee on Trade and Environment, 1995-2012

Status: data release pending publication of academic article

Access to Clean Cooking Energy and Electricity: Survey of States in India (ACCESS)

Status: data available

Global dataset of national environmental ministries, 1970-2009

Status: Data available

Functional classification of international organizations, 1815-2004

Status: Data available

Accession rules for international organizations, 1815-2004

Status: Data available

Research Grants

Enabling Distribution Sector Reform in Uttar Pradesh (Global Subsidies Initiative), 2017

Rural Electricity Supply: Commodity or Entitlement (Center on Global Energy Policy), 2016

Improving Accountability in Electricity Supply: A Field Experiment in Rural India (Earth Institute), 2016

Improving Accountability in Electricity Supply: A Field Experiment in Rural India (Institute for Social and Economic Research and Policy), 2016

A Global Database of Rural Electrification (International Growth Centre, Research Programme), 2015

A Frugal Innovation Approach to Dynamic Electricity Pricing in Rural India (The New Global, Aalto University), 2015

Social Learning, Gender, and Willingness to Pay for New Technology: A Field Experiment on Solar Lanterns (Department of Economics, University of Gothenburg), 2015

Explaining Dysfunctional Policy: Why Do Governments Offer Costly and Polluting Fossil Fuel Subsidies (Institute for Social and Economic Research and Policy, Columbia University), 2014

Understanding Energy Technology Adoption in Rural India: The Case of Diesel and Electric Pumpsets for Groundwater Irrigation (Earth Institute, Columbia University), 2014

A Comprehensive Survey of Rural Energy Access and Poverty in Six Major Deprived States of India (ClimateWorks and Shakti Sustainable Energy Foundation), 2014

Pilot Study of Solar Microgrids in Uttar Pradesh (Aalto University and Fortum Corporation), 2014

Collaboration on Microgrid Interventions to Promote Rural Electrification (SPEED India, New Delhi), 2013

Rural Electrification with Off-Grid Community Microgrids: An Impact Evaluation in Uttar Pradesh, India (International Growth Centre, India Office), 2013

The Benefits of Solar Technology Adoption for Street Vendors in Bihar (International Growth Centre, Bihar Office), 2013

Parameters of Sustainable Human Development: A Review of the Literature in Political Science (Earth Institute, Columbia University), 2013

Solar Home Systems and Rural Electrification in India: Promoting the Use of a Sustainable Energy Technology (Earth Institute, Columbia University), 2013

Social Aspects of Solid Waste Management in Dar es Salaam (Embassy of Finland, Tanzania), 2013

Promoting Clean Energy in India: From Local Needs to Community Action (Earth Institute, Columbia University), 2012

Promoting Solar Lighting in Rural India: From Local Needs to Public Policy (Institute for Social and Economic Research and Policy, Columbia University), 2012

Junior Faculty Research Infrastructure Grant (Department of Political Science, Columbia University), 2012

External Thesis Reader

Virgil Ian Stanford, George Mason University, November 2014

Consulting, Advising, and Service

Intellisia Institute, 2017

Bangladesh Rural Electrification Board, 2016

Training and Technology Transfer Global, 2016

Mera Gao Power, 2014

SolarAid, 2014

Nidan, 2014

Boond Engineering and Development, 2014

New Ventures India, 2013

World Bank, 2012

Finnish Institute of International Affairs, 2009

Prime Minister's Office, Government of Finland, 2008

Editorial Boards

Global Challenges
Environment and Planning C
International Interactions
Review of Policy Research

Review Committees

Midwest Political Science Association, Best Paper in International Relations, 2013 Annual Meeting

Invited Presentations and Conference Organization

University of Maryland, January 2018 (invited)
 Columbia University, School of International and Public Affairs, November 2017 (invited)
 Columbia University, Center on Global Energy Policy, November 2017 (invited)
 Georgia Institute of Technology, October 2017 (invited)
 Solar Villages Project, August 2017 (invited)
 Conference on Reclaiming Social Justice, Revisiting Ambedkar, Government of Karnataka, July 2017 (invited)
 Sanfeng Environment Group, China, July 2017 (invited)
 Intellisia Institute, Guangzhou, China, July 2017 (invited)
 Intellisia Institute, Guangzhou, China, June 2017 [virtual presentation]
 Centre for Policy Research, New Delhi, India, May 2017
 Vanderbilt University Law School, April 2017
 College of William and Mary, April 2017
 University of Rochester, March 2017
 Intellisia Institute, Guangzhou, China, March 2017
 South China University of Technology, Guangzhou, China, March 2017
 Jinan University, Guangzhou, China, March 2017
 National University of Singapore, March 2017
 University of Connecticut, February 2017
 University of California, Santa Barbara, January 2017
 EPIC India, New Delhi, India, January 2017
 Delhi School of Economics, New Delhi, India, January 2017
 Council on Energy, Environment and Water, New Delhi, India, January 2017
 World Bank South Asia, New Delhi, India, January 2017,
 Indian Institute of Dalit Studies, New Delhi, India, January 2017
 Rajiv Gandhi Institute for Contemporary Studies, New Delhi, India, January 2017
 National University of Educational Planning and Administration, New Delhi, India, January 2017
 Morsel Research and Development, Lucknow, India, January 2017

University of Strathclyde, November 2016
 Princeton University, Social Science Research Council Climate Workshop, November 2016
 Middlebury College, October 2016
 Princeton University, October 2016
 University of Oslo, Political Science, October 2016

University of Oslo, Economics, October 2016
Bocconi University, September 2016
Intellisia Institute, China, July 2016 [virtual presentation]
Yale University, China-U.S. Renewable Energy Forum, April 2016
Princeton University, Workshop on Contested Multilateralism, April 2016
World Bank, April 2016
Columbia University, Workshop on South Asian Politics, April 2016
Columbia University, Interdisciplinary Speed Talks, March 2016
Johns Hopkins SAIS, March 2016
University of Pennsylvania, Workshop on Indian Politics, March 2016
SPEED India, New Delhi, India, January 2016
Indian Institute of Dalit Studies, New Delhi, India, January 2016
Council on Energy, Environment and Water, New Delhi, India, January 2016
Indian Institute of Management, Ahmedabad, India, January 2016

Columbia University, Center on Global Energy Policy, November 2015
Columbia University, Laboratory for Sustainable Societies Workshop, November 2015
International Growth Centre, Conference on Energy and Growth, November 2015
Columbia University, Sustainable Development Workshop, October 2015
Columbia University, Workshop on Rural Energy Poverty, October 2015
Intellisia Institute, China, August 2015 [virtual presentation]
International Growth Centre – India, New Delhi, India, July 2015
Indian Institute of Dalit Studies, New Delhi, India, July 2015
Workshop on Energy Subsidies, Brussels, June 2015
Brown University, April 2015
Columbia University, Center on Global Energy Policy, April 2015
University of Macau, March 2015
Asan Institute, Seoul, March 2015
Yonsei University, Seoul, March 2015
The Climate Group, Beijing, March 2015
Tsinghua University, March 2015
National Chengchi University, Taipei, March 2015
Chinese University of Hong Kong, March 2015
Rutgers University, March 2015
Workshop on Experimental Governance and Climate Change, Columbia University, March 2015
Columbia University, Saltzman Institute of War and Peace Studies, February 2015
Yale University, February 2015
Columbia University, Quantitative Methods for Social Sciences, January 2015
University of Pennsylvania, January 2015
Shakti Sustainable Energy Foundation, New Delhi, January 2015
Delhi School of Economics, New Delhi, January 2015
The Climate Group, New Delhi, January 2015
cKinetics, New Delhi, January 2015
IDInsight, Patna, January 2015
Asian Development Research Institute, Patna, January 2015

Aalto Energy Garage, Finland, December 2014

Helsinki Center of Economic Research, Finland, December 2014
Aalto University School of Business, Finland, December 2014
University of Tampere, Finland, December 2014
Riverside Church, Seminar on Divestment, November 2014
University of Oregon, November 2014
University of Oxford, October 2014
London School of Economics, October 2014
The Climate Group, London, October 2014
University of Glasgow, October 2014 [virtual presentation]
University of Pittsburgh, October 2014
Workshop on Global Environmental Regulation, Columbia University, October 2014
Sierra Club, Washington DC, September 2014
George Mason University, September 2014
Workshop on Innovation and Business in India, Aalto University, August 2014 [virtual presentation]
Workshop on Climate Agreements, Columbia University, April 2014
Advanced Consortium on Cooperation, Conflict, and Complexity, Columbia University, April 2014
Yale University, April 2014
Environmental Film Festival at Yale, April 2014
Earth Institute Seed Funding Symposium, Columbia University, March 2014
Princeton University, February 2014
United Nations Panel on Peace and Sustainable Development, February 2014

Aalto Science Institute, Finland, December 2013
Aalto University, Finland, December 2013
Experiments in Governance and Politics, Columbia University November 2013
Stanford University, November 2013
Massachusetts Institute of Technology, October 2013
Yale University, October 2013
University of St. Gallen, Switzerland, July 2013
International Growth Centre – Bihar, Growth Conference, Patna, India, July 2013
Council on Energy, Environment and Water, New Delhi, India, June 2013
Mercator Research Institute on Global Commons and Climate Change, Berlin, June 2013
Social Science Research Center, Berlin, June 2013
Global Climate Governance, Washington DC, May 2013
Aalto University, Finland, May 2013
Government Institute for Economic Research, Finland, May 2013
London School of Economics, April 2013
New York University, Abu Dhabi, April 2013
ETH Zürich, April 2013
Ardhi University, Tanzania, March 2013
University of Dar es Salaam, March 2013
Uongozi Institute, Tanzania, March 2013
Indian Institute of Technology, Bombay, February 2013

Princeton University, December 2012
Princeton University, November 2012
TERI University, New Delhi, October 2012

Woodrow Wilson International Center for Scholars, September 2012
Rutgers University, March 2012

Princeton University, December 2011
University of Potsdam, Germany, July 2011
University of Hamburg, Germany, July 2011
Free University of Berlin, Germany, May 2011
University of Rochester, April 2011
McGill University, March 2011
Yale University, April 2011

University of Chicago, November 2010
College of William and Mary, November 2010
New York University, October 2010
Yale University, February 2010

Lucca Institute for Advanced Studies, Italy, December 2009
Princeton University, October 2009
University of Tampere, Finland, April 2009

Referee

African Journal of Environmental Science and Technology
African Journal of Political Science and International Relations
American Journal of Political Science
American Political Science Review
British Journal of Political Science
Business Strategy Series
Climate and Development
Climatic Change Letters
Climate Policy
Climatic Change
Comparative Political Studies
Conflict Management and Peace Science
Contemporary Economics
Ecological Economics
Economics and Politics
Emerging Markets Finance and Trade
Energy Economics
Energy Policy
Energy Research and Social Science
Energy Science and Engineering
Energy Strategy Reviews
Environment and Planning C
Environment, Development and Sustainability
Environment Economics and Policy Studies
Environmental Innovation and Societal Transitions

Environment and Resource Economics
Environmental Politics
European Political Science Review
European Union Politics
Foreign Policy Analysis
Global Challenges
Global Environmental Change
Global Environmental Politics
Global Policy
Governance
International Environmental Agreements
International Interactions
International Organization
International Political Science Review
International Spectator
International Studies Quarterly
International Studies Review
International Theory
Journal of the Association of Environmental and Resource Economists
Journal of Cleaner Production
Journal of Conflict Resolution
Journal of Common Market Studies
Journal of Environmental Economics and Management
Journal of Environmental Management
Journal of Policy Analysis and Management
Journal of Politics
Journal of Public Policy
Journal of Sustainable Finance and Investment
Kosmopolis
Mitigation and Adaptation of Strategies for Global Change
Nature Energy
Natural Resources Forum
Policy Sciences
Policy Studies Journal
Political Communication
Political Research Quarterly
Political Science Quarterly
Political Science Research Methods
Political Studies
Politics
Post-Soviet Affairs
Rationality and Society
Research and Politics
Resource and Energy Economics
Review of Development Economics
Review of International Organizations
Review of International Political Economy

Review of Policy Research
Science
Social Forces
Sustainable Energy Technologies and Assessments
Utilities Policy
Weather, Climate and Society
Wiley Interdisciplinary Reviews: Energy and Environment
World Politics
World Trade Review

Cambridge University Press

MIT Press

Routledge

University of Chicago Press

Swiss National Science Foundation

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