

Daniel C. Matisoff, Ph.D.  
Director: Sustainable Energy &  
Environmental Management Program  
Professor  
Jimmy and Rosalynn Carter School of Public Policy  
Georgia Institute of Technology  
685 Cherry St. Atlanta, GA 30332  
matisoff@gatech.edu  
<https://iac.gatech.edu/people/person/daniel-matisoff>  
404.385.2623

## Education

---

Indiana University, O'Neill School of Public and Environmental Affairs, Bloomington, IN

Ph.D. in Public Policy, concentration in Environmental Policy

Dissertation title: "The Patchwork Quilt of Climate Change Policies: An Assessment of Voluntary and Mandatory Greenhouse Gas Reduction Programs" (Committee: Evan Ringquist (Chair); Elinor Ostrom, John Maxwell, Kenneth Richards)

THEMES, Lisbon, Portugal.

Empirical methods in participation and policy-making in environmental policy.

Inter-University Consortium for Political and Social Research (ICPSR), Ann Arbor, MI

Quantitative methods seminar for Ph.D. students and faculty.

University of Pennsylvania, Philadelphia, PA

B.A. Economics & International Relations with a minor in Hispanic Studies

Senior Thesis: "Cooperation and the Kyoto Protocol: Domestic Politics Affect an International Game."

ICADE, Madrid, Spain

Courses in Management, Economics, and Spanish Literature (in Spanish)

## Academic Work and Research Experience

---

Georgia Institute of Technology	Professor	May 2023 - Present
	Associate Professor, Atlanta, GA	April 2016 – May 2023
	Assistant Professor, Atlanta, GA	January 2010 – April 2016

Founding Director Sustainable Energy and Environmental Management Masters & Certificate Programs (2019 – present); Ph.D. Coordinator – Energy & Environment (2013 – Present); Graduate Committee (2010 – Present); Fellow, Brook Byers Institute for Sustainable Systems (2015 – present); Deputy Director – Climate and Energy Policy Laboratory (2014 – present); Co-Chair Georgia Tech Climate Action Plan (2022 – present); Ivan Allen College Diversity Equity & Inclusion Council (2021 – present); Faculty Senate (2022 – Present)

### Teaching:

Energy Markets and Policy (PUBP 3350)

Sustainable Energy and Environmental Management (PUBP 6360)

Energy Policy (PUBP 6350)

Sustainable Energy and Environmental Management Capstone (PUBP 6012)

Government of the U.S. (POL 1101)

Fundamentals of Policy Process (PUBP 6012)

Sustainability and Technology (PUBP 3600)

Indiana University, Associate Instructor, Indiana University, Bloomington, IN Research Assistant, Bloomington, IN	Fall 2006 – Spring 2009 Sept 2004 – Summer 2006
Houston Advanced Research Center (HARC), Research Associate, The Woodlands, TX	Nov 2002 – Jun 2004
The Wharton School, Research Assistant, Philadelphia, PA	Jun 2001 – Apr 2002
World Game Institute, Research and Production Assistant, Philadelphia, PA	Jan 2000 – Jan 2001

## Policy Impacts

Expert Testimony to Georgia State House. HR 798 - Cannabis Waste & Recycling Committee. [Industrial Hemp Waste and Public Policies](#). 6 January 2023.

## Books

[Ecolabels, Innovation, and Green Market Transformation: Learning to LEED](#). With Douglas Noonan. Cambridge University Press. November 2022.

## Publications in Refereed Journals

“Symbolic or Substantive Action: Intent, Effort, and Results.” With Vincent Xinyi Gu. (2026). *Business Strategy and the Environment*. (Accepted; Forthcoming).

“Solar Electricity Without Solar Panels: Changes in Consumption Behavior due to Community Solar Programs.” With Min Cha. *Energy Economics*. (Accepted; Forthcoming).

“Managing Zero-Marginal-Cost, Intermittent Renewable Energy: A Survey of the Engineering, Economic, and Policy Challenges.” With Matt Oliver, Santiago Grijalva, Oliver Chapman, Maghfira Ramadhani, and Amanda West. *Renewable and Sustainable Energy Reviews*. (Forthcoming).

“Frontiers of weatherization: Evolving programmatic needs and expanding evaluation tools.” With Ryan Anthony, Brian An, Marilyn A. Brown, and Michelle Graff.. *Energy Research & Social Science* 130. (2025)

“Beyond the cost: Electric vehicle ownership and adoption intent in US households.” With Kim, J. D., Bozeman III, J. F., Carley, S., Konisky, D. M., Michalek, J. J., & Nock, D. *Transportation Research Part D: Transport and Environment*, 147, 104973. (2025).

“Modern challenges facing electric vehicle adoption: A review of barriers to adoption, supply chain challenges, and equity.” With Hala Alshahaby, Joe Frank Bozeman III, Sanya Carley, and Destenie Nock. *Environmental Research Letters* (2025).

“As the Crow Flies: Tracking policy diffusion through stakeholder networks.” With Evan Mistur. *Journal of Public Policy*. (2023).

“Modernizing the energy infrastructure at federal facilities: Should utilities play a bigger role?” With Marilyn A. Brown, and Snehal Kale. *The Electricity Journal* (2022): 107078.

“Contagious COVID-19 policies: Policy diffusion during times of crisis.” With Evan Mistur and John Givens. *Review of Policy Research* (2022).

“Electricity Consumption Changes Following Solar Adoption: Testing for a Solar Rebound.” With Ross Beppler and Matthew Oliver. *Economic Inquiry*, 1–24. Available from: <https://doi.org/10.1111/ecn.13031>. (2021).

"A framework for localizing global climate solutions and their carbon reduction potential." *Proceedings of the National Academy of Sciences*, vol. 118, no. 31 With Brown, M.A., P. Dwivedi, S. Mani, J.E. Mohan, J. Mullen, M. Oxman, M. Rodgers, R. Simmons, B. Beasley & L. Polepeddi. 2021.

"Green rules and green tape: Streamlining the environmental review for transportation projects." With Mistur, E. M., Kingsley, G., & An, Y. *Transportation Research Part D: Transport and Environment*, 97. (2021).

"Translating a Global Emissions Reduction Framework for Sub-National Climate Action: A Case Study from the State of Georgia." With Brown, Marilyn A., Blair Beasley, Fikret Atalay, Kim M. Cobb, Puneet Dwivedi, Jeffrey Hubbs, David M. Iwaniec, Sudhagar Mani, Daniel Matisoff, Jacqueline E. Mohan, Jeffrey Mullen, Michael Oxman, Daniel Rochberg, Michael Rodgers, Marshall Shepherd, Richard Simmons, Laura Taylor, L. Beril Toktay. *Environmental Management*. 67(2) (2021).

"Impacts of Pilot and Demonstration Projects: Evidence from Green Building" With Christopher Blackburn; Mallory Flowers, and Juan Moreno-Cruz. *Journal of Policy Analysis and Management*. 2020. 39(4): 1100-1132.

"A Review of Barriers in Implementing Dynamic Electricity Pricing to Achieve Cost-Causality" With Ross Beppler, Gabriel Chan, and Sanya Carley. *Environmental Research Letters*. 2020. v15: n09 p3006.

"In the LEED: Racing to the Top in Environmental Self-Regulation" With Mallory Flowers and Douglas Noonan. *Business Strategy and the Environment*. 2020. v29, n6 2842-56.

"Understanding renewable energy policy adoption and evolution in Europe: The impact of coercion, normative emulation, competition, and learning." With Shan Zhou, Gordon Kingsley, and Marilyn Brown. *Energy Research & Social Science*. (2019) 51, 1-11.

"For what it's worth: Evaluating revealed preferences for green certification." With Mallory Flowers and Douglas Noonan. *Journal of Environmental Planning and Management*. (2019) 62(5), 843-861.

"Let sleeping bats lie: Analyzing institutional adaptation to environmental regulatory change through Adaptive Management theory." With Evan Mistur, Yehyun An, and Gordon Kingsley. *Journal of Environmental Management*. (2018) Volume 223; October 2018; 254-263.

"The Influence of Task Complexity in Shaping Environmental Review and Engineering Design Durations" With Yehyun An, Juan Rogers, Gordon Kingsley, Evan Mistur and Baabak Ashuri. *Journal of Management in Engineering*. (2018). v34 n6 November.

"Climate research priorities for policy-makers, practitioners, and scientists in Georgia, USA." With Murray A. Rudd, Althea F. P. Moore, Daniel Rochberg, Lisa Bianchi-Fossati, Marilyn A. Brown, David D'Onofrio, Carrie A. Furman, Jairo Garcia, Ben Jordan, Jennifer Kline, L. Mark Risso, Patricia L. Yager, Jessica Abbinett, Merryl Alber, Jesse E. Bell, Cyrus Bhedwar, Kim M. Cobb, Juliet Cohen, Matt Cox, Myriam Dorner, Nyasha Dunkley, Heather Farley, Jill Gambill, Mindy Goldstein, Garry Harris, Melissa Hopkinson, Jean-Ann James, Susan Kidd, Pam Knox, Yang Liu, Michael D. Meyer, Jamie D. Mitchem, Katherine Moore, Aspen J. Ono, Jon Philips, Kerrie M. Sendall, Fatemeh Shafiei, Marshall Shepherd, Julia Teebken, Ashby N. Worley. *Environmental Management*. (2018). v62 n2 190-209.

"The Comparative Effectiveness of Residential Solar Incentives." With Erik Johnson. *Energy Policy* 108 (2017): 44-54.

"Peak Shifting and Cross-Class Subsidization: The Impacts of Solar Pv on Changes in Electricity Costs." With Johnson, Erik, Ross Beppler, Chris Blackburn, Benjamin Staver, and Marilyn Brown. *Energy Policy* 106 (2017): 436-44.

"Advanced Metering Infrastructure Deployment in the United States: The Impact of Polycentric Governance and Contextual Change." With Shan Zhou. *Review of Policy Research*. 33(6), 646-665.

"Green Buildings: Economics and Policies." With Douglas Noonan and Mallory Flowers. *Review of Environmental Economics and Policy*. V10 n2 329-346 Summer 2016.

“Understanding drivers of energy efficiency changes in China.” With Huibin Du and Yangyang Wang. *Applied Energy*. v184 n15, December 2016.

“Park user characteristics, attitudes, and quasi-voluntary behavior.” With Douglas Noonan and Nathanael Hoelzel. *Non-profit and Voluntary Sector Quarterly*. V45 n4 78S-96S August, 2016.

“Economic, sociological, and neighbor dimensions of energy efficiency adoption behaviors: Evidence from the U.S residential heating and air conditioning market.” with Douglas Noonan and Lin-Han Chiang Hsieh. *Energy Research and Social Science*, v10: 102 – 113, 2015.

“Sources of Specification Errors in the Assessment of Voluntary Environmental Programs: Understanding Program Impacts.” *Policy Sciences*. V48 n1 p109-126, 2015.

“Kindred Spirits or Intergovernmental Competition? Policy learning and the adoption of energy policies in the American states (1990 – 2008). With Jason Edwards. *Environmental Politics*. V23 n5 2014.

“Performance or Marketing Benefits? The Case of LEED Certification.” With Douglas Noonan and Anna Mazzolini. *Environmental Science and Technology*. V48 n3, p2001-2007, 2014.

“Electric Utilities, Fuel Use, and Responsiveness to Fuel Prices.” With Douglas Noonan and Jinshu Cui. *Energy Economics*. V46, November 445-452, 2014.

“Different Rays of Sunlight: Understanding Information Disclosure and Carbon Transparency” *Energy Policy*. V55 p579 – 592, 2013.

“Convergence in Environmental Reporting: Assessing the Carbon Disclosure Project,” with Douglas Noonan and John O’Brien. *Business Strategy and the Environment*. v22 n5, 285-305. July 2013.

“Spatial Effects in Energy-Efficient Residential HVAC Technology Adoption,” with Douglas Noonan and Lin-Han Chiang Hsieh. *Environment & Behavior*. 45(4): 476-503, 2013.

“Privatizing climate change policy: is there a public benefit?” *Environmental and Resource Economics*, v53 409-433, 2012.

“Managing contested greenspace: the rise of dog parks.” With Douglas Noonan. *International Journal of the Commons*. February, 2012.

“Carbon trading, policy design and firm behavior: improving the efficiency of climate change policy.” *Environment*, v52, n1 p10-19, 2010.

“Are International Environmental Agreements Enforceable? Implications for Institutional Design.” *International Environmental Agreements*, v10, n3 p166-187, 2010.

“The Adoption of State Climate Change Policies and Renewable Portfolio Standards: Internal Determinants or Regional Diffusion?” *Review of Policy Research*, v25, n6 Dec 2008.

## Book Chapters

---

“Letting the Fox Guard the Hen House? Corporate Responsibility and Environmental Governance.” 2020. In Konisky, David (ed). [The Oxford Handbook for Environmental Policy](#).

## In Process / Under Review

---

“Sequential Policy Adoption” With Cale Reeves and Mattias Zacarias.

“Peer effects and SBTs” with Vincent Gu

“Impacts of Lead on Property Values” with John Kim

“Policy Drivers of Innovation in the Craft Beer Industry” with John Kim  
“Techno-economic analysis of Sustainable Aviation Fuel” with Olivia Guarinello

## Editorial Boards & National Committees

Organization & Environment	2017-
Business & Society	2016-
Business Strategy & Environment	2015-
Alliance for Research on Corporate Sustainability – Communications Committee	2015-2020

## Grants, Contracts, and Extramural Funding

Climate and Energy Strategy Initiative (The UPS Foundation) (PI) (\$1,000,000)	2023-2025
ORNL Weatherization Evaluation Feasibility (co-PI) (\$200,000)	2023-2024
SGA Grant: Evaluating the Equity Considerations of Power Outages (\$50,000)	2023-2024
Energy Performance Contracting Cost Considerations, (PI) Avid Energy Partners, (\$74,279)	2021
Office of Federal Relations White Paper Series: Traversing Valley of Death (\$15,000)	2021
Georgia Drawdown (Ray C Anderson Foundation (\$800,000) Buildings & Materials Lead (\$65,000)	2019-2020
Strategic Energy Institute “Interdisciplinary Cooling Energy (ICE) working group planning grant” (Co-PI) (\$35,000)	2019
Georgia Department of Transportation	
“Strategies for Comm. Quality Expectations for Environmental Service Contracts, Part II” Co-PI (\$242k)	2017-2018
Brook Byers Institute of Sustainable Systems Faculty Fellow	2015 - present
US Department of Education / Georgia Board of Regents	
“Science of Sustainability: Using Inquiry and Design Thinking to Facilitate a Transdisciplinary Approach to Learning” PI (\$47,881)	2016
Georgia Department of Transportation	
“Strategies for Communicating Quality Expectations for Environmental Service Contracts” Co-PI (\$218k)	2015-2016
Private Utility Client	
“Understanding Impacts of Solar Penetration on Financial Performance” Co-PI (\$91k)	2015
National Science Foundation (#1069138)	
“Novel Materials for Energy Storage and Conversion” Senior Investigator (\$3,155,553)	2011 - 2015
SGA 2014 – “Money in the Sun? Risky incentives for solar installations” (\$20,000)	2014
Dissertations Initiative for the Advancement of Climate Change Research (DISCCRS) Fellowship	2011
IAC – ISERF proposal development grant (\$2,500)	2010

## Fellowships and Awards

Best Book Award – Academy of Management – Organizations and Natural Environment Division	2024
World Environmental Citizen Prize – Association for Public Policy Analysis and Management	2023
Class of 1969 Teaching Fellows	2014 - 2015
Graduate Fellowship, Indiana University (\$93,000)	2004 - 2007
National Science Foundation	
Dissertation Improvement Fellowship (#0819244) (\$12,000)	2008 - 2009
DAAD German Academic Exchange Fellowship (\$5,400)	2008
European Union Center for Excellence: Pre-dissertation Travel Fellowship (\$2,800)	2006
THEMES Summer Institute for Empirical Methods, Lisbon, Portugal (\$2,500)	2008
SPEA Excellence in Writing Award: Environmental Science and Policy	2008
SPEA Excellence in Writing Award: Environmental Science and Policy	2007
SPEA Excellence in Writing Award: Environmental Science and Policy	2005

## White Papers, Reports and Working Papers

“Weatherization Assistance Programs: Understanding the State of the Art Retroactive Evaluation Approaches” for Oak Ridge National Laboratory and the Department of Energy. May, 2024.

“Traversing the “Valley of Death”: Policy Support to Transform Markets with Nascent Low-Carbon Technologies” With D. Cale Reeves and Arnav Rao. July, 2021.

“Energy Performance Contracting and Cost Considerations” With Marilyn Brown. August, 2021.

Kingsley, G., Matisoff, D., Rogers, J., Ashuri, B., An, Y., Mistur, E., Ruthotto, I., & Agnew, D. (2017). Strategies for communicating quality expectations for environmental service contracts (No. FHWA-GA-17-1506). Georgia Institute of Technology.

Mathis, Mitchell and Daniel Matisoff. 2004. “The value of water to sustain and preserve the ecosystem in the Lower Rio Grande Valley: characterization of ecotourism in the Lower Rio Grande Valley.” Houston Advanced Research Center. Working Paper. VNT 04-01.

Mathis, Mitchell and Daniel Matisoff. 2004. “A review of freshwater inflows data and related information regarding the Rio Grande Estuary.” Houston Advanced Research Center.

Cook, Valerie, Matisoff, Daniel, and Lisa Gonzalez. 2004. “Scrap tire disposal and recycling options.” Report to the Border Environmental Cooperation Commission.

Barker, William, Hitchcock, David, and Daniel Matisoff. 2003. “Baseline Class 4 Truck Inventory for the Houston-Galveston Region.” Deliverable from Task 3: Regional Vehicle Estimates and Survey: Emissions Testing of Prototype Diesel/Electric Hybrid Commercial Pickup/Delivery Vehicles (PUDS) and Assessment of Potential Emission Reductions in the Houston-Galveston Non-Attainment Area from Widespread Use in Delivery Fleets. Prepared for Texas Council on Environmental Technology, University of Texas, Austin.

## Conference Proceedings, Conference Presentations, and Invited Presentations

---

“Techno-economic analysis of sustainable aviation fuel.” APPAM Conference November 2025, Seattle, WA

“Sustainable Aviation Fuels: Technologies and Policies” *Invited Keynote Speaker*. Air and Waste Management Association – Georgia Chapter. Regulatory Update Conference. October 2025. Atlanta, GA.

“Sustainability in the Built Environment” *Invited Speaker*. Super South. April, 2025, Atlanta, GA.

“Assessing the Rebound Effect of Community Solar Programs.” APPAM Conference, November 2024. National Harbor, Maryland.

“Public Policy and Innovation in the Craft Beer Industry. APPAM Conference, November, 2024. National Harbor, Maryland.

“Advancing Sustainability Education” Panel presentation. NASPAA Conference. October 2024.

“Network Effects of Science Based Targets Initiative on Supply Chains” Environmental Policy and Governance Workshop. Quebec City. May 2024.

“Symbolic or Substantive Climate Action”. GRONEN Conference. Paris, France. June 2024.

“Barriers to Low Income Adoption of EVs.” Association for Public Policy Analysis and Management. Atlanta, GA Nov 8-11 2023.

“Equity dimensions of power outages in Georgia”. Association for Public Policy Analysis and Management. Atlanta, GA Nov 8-11 2023.

“Symbolic and Substantive Action”. Academy of Management. Boston, MA, August 4-8., 2023.

“Symbolic and Substantive Action”. Alliance for Research on Corporate Sustainability. Washington D.C., June 5-8, 2023.

“Sequential Policy Adoption: Traversing the Valley of Death.” Atlanta Conference. Atlanta, GA May 24-26 2023.

““Ecolabels, Innovation, and Green Market Transformation.” Invited Presentation. University of Georgia: Environmental Ethics Seminar. September 20, 2022.

““Ecolabels, Innovation, and Green Market Transformation.” Invited Presentation. Indiana University: Ostrom Workshop. September 12, 2022.

“Ecolabels, Innovation, and Green Market Transformation.” Invited Presentation. Texas A&M. December 14, 2021.

“Policy Contagion During a Pandemic”. Association for Public Policy Analysis and Management. Virtual. Nov 6-8, 2020.

“Subnational Actors and Climate Change.” Roundtable Discussion. Association for Public Policy Analysis & Management. Denver, Nov 7 – 9, 2019.

“Anatomy of a Demonstration Project”. Association for Public Policy Analysis & Management. Denver, Nov 7 – 9, 2019.

“Anatomy of a Demonstration Project” Southeastern Energy Economics Conference. Georgia Tech. October 29-30, 2019.

“Climate Change and the International Business Environment” Frontiers Conference. University of South Carolina. October 3 – 5, 2019.

The Impact of Pilot and Demonstration Projects. Alliance for Research on Corporate Sustainability. UNC Chapel Hill – June 5 – 7, 2019.

Sustainability Practice Roundtable - Learning to LEED: Voluntary Mechanisms for Transforming Markets. Invited Presentation. Lord Aeck Sargent. March 26, 2019

Impact of Pilot and Demonstration Projects. Webinar for Green Building Educational Services. Invited Presentation. January 10 2019.

“Multidimensional ecolabels” Association for Public Policy Analysis and Management. Washington D.C.. November 7 2018.

“Assessing the Impacts of Pilot and Demonstration Projects” GRONEN Conference. Almeria, Spain. May 15, 2018.

“Learning to LEED: Competition, Spillovers, and Market Transformation in the Built Environment” Invited Presentation. University of Maryland. College Park, Maryland, April 2018.

“Energy Policy and Green Buildings.” Invited Presentation. Boise State University. Boise, Idaho. January 2018.

“Impacts of a Pilot Project: Evidence from LEED.” Association for Public Policy and Management. Chicago. 3 November 2017.

“Impacts of a Pilot Project” Behavioral Economics and Climate Change Conference. Sacramento. 16 October, 2017.

“Renewable Energy Policy Adoption in the European Union.” Environmental Policy and Governance Workshop. Bloomington, Indiana, 22, June, 2017.

“Competition and Strategy in Green Signaling: The Case of LEED.” Invited Presentation: Georgia State University, Environmental Sciences Department. November 10, 2016.

“A framework to understand noisy green signals” Association for Public Policy Analysis & Management, Washington D.C., November 2, 2016.

“Greening the Iron Cage.” Association for Public Policy Analysis & Management, Washington D.C., November 2, 2016.

“The Impact of Solar Penetration on Utility Rates and Bills.” Association for Public Policy Analysis & Management, Washington D.C., November 2, 2016.

“The Impact of Incentives on Solar Installations.” Invited Presentation: University of Texas Energy Center. Austin, Texas. October 13, 2016.

“A framework to understand noisy green signals” Social Responsibility Research Network: International Conference on Corporate Sustainability, Melbourne, Australia August 8, 2016.

“A framework to understand noisy green signals” Academy of Management Proceedings, Anaheim CA, August 8, 2016.

“The Impact of Incentives on Solar Installations.” Invited Presentation: NC State University. March 22, 2016.

“EPA and Voluntary Programs” Invited Keynote Speaker to EPA, Region 4 off-site workshop. 09 December 2015.

“Smart Grid Innovation & Diffusion” Association for Policy Analysis and Management. 14 Nov 2015.

“How do firms certify green?” Association for Policy Analysis and Management 12 Nov 2015.

“Comparative Effectiveness of Incentives for Commercial and Solar PV Installation” Association for Policy Analysis and Management. 13 Nov 2015.

“How do firms certify green?” Academy of Management. Proceedings. Vancouver. 9-11 Aug 2015.

“Race to the top or Race to the Start?” Academy of Management. Proceedings. Vancouver. 9-11 Aug 2015.

“Designing Market Based Approaches for the Clean Power Plan” Expert Speaker at Georgia Tech’s & Emory’s Town Hall on the Clean Power Plan. 29 September, 2015.

“Race to the top or Race to the Start?” Alliance for Research on Corporate Sustainability. Chicago. 13-15 May 2015.

“A Holistic Approach to Energy Efficiency: Understanding the Market and Regulatory Variables and Opportunities for Energy Efficiency.” Electric Utility Consultants Inc. Southeast Power Conference 30 March 2015.

“Understanding 111(d) and Energy Policy.” Invited Speaker. Energy Environment and Society. 9 March 2015.

“Stakeholder Participatory Policy Analysis Role-play and Hydro-fracturing”. Celebrating Teaching Day. Poster Session. 26 March 2015.

“Eco-certification and non-performance signaling.” Workshop on Policy Research. Invited Speaker. January 16, 2015.

“How do firms certify green? The case of LEED.” Southern Economics Association Conference. November 20, 2014.

“Impacts of Solar Incentives on Residential Adoption Patterns.” Association for Policy Analysis and Management. November 3, 2014.

“How do firms certify green? The case of LEED.” Association for Policy Analysis and Management. November 3, 2014.

“Corporate Environmentalism and Business Strategy.” Leeds University (UK). Invited Speaker. October 22, 2014.

“The role of Energy Efficiency in the Clean Power Plan.” Southface Energy Institute. Invited Panelist. September 18, 2014.

“Energy Efficiency and 111(d).” Southeastern Energy Efficiency Alliance Policy Breakfast. Invited Panelist. July 16, 2014.

“Spatial competition and Green Signaling.” World Congress of Environmental And Resource Economists. Istanbul, Turkey, June 30, 2014.

“Environmental Policy and Business Strategy.” Ohio University. Invited Speaker. July 15, 2014.

“Spatial competition and Green Signaling.” Alliance for Research on Corporate Sustainability. Ithaca, NY. May 7-9, 2014.

“Competition and Green Building.” Invited Presentation. Scheller College of Management Business Strategy and Sustainability Seminar. Feb 21, 2014.

“Performance or Marketing Benefits? The Case of LEED Certification” Strategic Management Association Conference. Atlanta, GA September 30, 2013.

“The future of energy: economic and policy challenges.” Invited keynote speaker: Engineers for Sustainability. Atlanta, GA, February 28, 2013.

“State utility regulation and electricity prices.” Workshop on Policy Research. Georgia Institute of Technology, February 15, 2013.

“The future of energy.” Invited panel speaker: Association of Environmental Engineers. Atlanta, GA. November 28, 2013.

“Utility Responsiveness to Fuel Prices.” Southern Economics Association. November 16 – 18, 2012.

“Impacts of State Regulation on Electricity Pricing and Investment.” Association for Policy Analysis and Management. November 8-10, 2012.

“Privatizing Climate Change Policy.” Tianjin University; Tianjin, China. May 30, 2012.

“Kindred Spirits or Intergovernmental Competition? Policy learning and the adoption of energy policies in the American states (1990 – 2010).” Policy Innovation Workshop. University of Amsterdam. February 23-24, 2012.

“Kindred Spirits or Intergovernmental Competition? Policy learning and the adoption of energy policies in the American states (1990 – 2010).” Workshop on Policy Research. Georgia Institute of Technology, February 17, 2012.

“Managing Collective Green Space: The Rise of Dog Parks.” Association for Policy Analysis and Management. Washington, D.C. November 2-5, 2011.

“Convergence in Voluntary Carbon Emissions Reporting Behavior: Assessing the Carbon Disclosure Project 2003 – 2010.” Association for Policy Analysis and Management. Washington, D.C. November 2-5, 2011.

“Neighbor Effects and Installing Energy-Efficient Residential Heating and Air Conditioning Systems.” Association for Policy Analysis and Management. Washington, D.C. November 2-5, 2011.

“Privatizing Climate Change Policy, is there a public benefit?” Association for Research on Corporate Sustainability Conference. Philadelphia, PA. May 6-9, 2011.

“Privatizing climate change policy, is there a public benefit?” Southern Economics Conference. Atlanta, GA. November 21, 2010.

“Privatizing climate change policy, is there a public benefit?” Association for Public Policy Analysis and Management Annual Conference. Boston, MA. November 4, 2010.

“Privatizing climate change policy, is there a public benefit?” Workshop for Original Policy Research. Georgia Institute of Technology. March 4, 2010.

“Understanding the trade-offs of climate change policy design: incorporating lessons from the European Union to policy formulation in the United States.” The Search for Wise Energy Policy Conference: June 11, 2009. Published online: <http://www.indiana.edu/~cree/documents/Climate%20Policy.pdf>

“What we know about voluntary environmental policy.” Invited presentation for Ken Richards’ capstone class in environmental policy. April 1, 2009.

“Firm decision-making and cap-and-trade policy.” Invited presentation for School of Public and Environmental Affairs Dean’s Council. May 5, 2009.

“Bounded rationality and the European Union Emissions Trading Scheme.” Association of Public Policy Analysis and Management (APPAM) Conference, Los Angeles, CA: November 6-8, 2008.

“The efficiency and effectiveness of institutions to address climate change.” Invited presentation. ETH Zurich: September, 15 2008.

“The adoption of state climate change policies and renewable portfolio standards: internal determinants or regional diffusion?” Midwest Political Science Association Conference, Chicago, IL: April 22, 2008.

“The Adoption of State Climate Change Policies and Renewable Portfolio Standards: Internal Determinants or Regional Diffusion?” Association of SPEA Ph.D. Students (ASPS) Conference, Bloomington, Indiana: February 22, 2008.

“Domestic political structures, coalition realignments and the adoption of the Kyoto Protocol.” Association of SPEA Ph.D. Students (ASPS) Conference, Bloomington, Indiana: April 23, 2007.

“Are international environmental agreements enforceable? implications for institutional design.” Workshop on Political Theory and Policy Analysis Mini-Conference. Bloomington, Indiana: December 13, 2005.

“Designing effective international environmental agreements: theory and evidence from Europe.” Association of Public Policy Analysis and Management (APPAM) Conference, Washington D.C.: November 3-5, 2005. (With Evan Ringquist & Tatiana Kostadinova)

“Initiatives on climate change: addressed through federalism.” Association of SPEA Ph.D. Students (ASPS) Conference, Bloomington, Indiana: February 4, 2005.

## Professional Referee Service

---

- Nature Energy
- Nature Climate Change
- Nature Sustainability
- Environmental Research Letters
- Management Science
- International Journal of Management Reviews
- Management Research Review
- Journal of Environmental Economics and Management
- Social Sciences and Humanities Research Council of Canada
- Swiss National Science Foundation
- Journal of Environmental Policy and Planning
- Environmental and Resource Economics
- Policy Studies Journal
- Journal of Policy Analysis and Management
- Journal of International Environmental Agreements
- Strategic Management Society
- Dept of Education: Academic Decathlon Energy Policy Unit
- Environmental Politics
- Landscape and Urban Planning
- Management Research Review
- Energy Policy
- Energy Economics
- Energy Research and Social Science
- Journal of Public Policy
- Review of Policy Research
- State Politics and Policy Quarterly
- Policy Sciences
- Journal of Environmental Planning and Management
- Environmental Science and Technology
- State and Local Government Review
- Environmental Politics
- International Journal of the Commons
- PLOS ONE

## Student Advising and Thesis Supervision

---

Doctoral Students	Status	Current Position
Riley Chodak	Current	
Olivia Guarinello	Current	
John Kim (Chair)	Current	

Parker Hamilton	Current	
Vincent Gu (Chair)	Current	
Min Cha (Chair)	Graduated	Post-doc, London School of Economics
Steven Johnson Mech Eng)	Current	
Abigail Francisco	Graduated	Project Manager – Elevate Energy
Evan Mistur (Chair)	Graduated	Assistant Professor, University of Texas, Dallas (Public Administration)
Lin-Han Chiang-Hsieh (Chair)	Graduated	Assistant Professor, Chung Yuan Christian University, Taiwan
Aselia Umanatova (Chair)	Graduated	Environmental Engineering
Shan Zhou	Graduated	Research Scientist – Georgia Tech, School of Economics
Mallory Flowers (Chair)	Graduated	Assistant Professor, Michigan Technological University
Xiaojing Sun	Graduated	Assistant Professor, University of Rhode Island School of Business
Yu Wang	Graduated	Strategy Department
Ross Beppler (Chair)	Graduated	Senior Research Analyst; Wood Mackenzie
Emily Galloway (Econ)	Graduated	Assistant Professor, Iowa State University (Political Science)
Xinping Tian (Econ)	Graduated	Southern Company – Pricing and Costing Analyst
Chris Blackburn (Econ)	Graduated	USDA
Jenna McGrath	Graduated	Assistant Professor, Hunan University
		Bureau of Economic Analysis – Research Division
		CyberCube

#### Masters Students

MSEEM Program students not listed (~90 students from 2020-present)

Trevor McCoy	Graduated	Environmental Health Fellow - CDC
Alexandra Mann	Graduated	Innovate Washington Program Coordinator
Fanny Guezenec	Graduated	Chef de Projet Transition Ecologique

#### Software Packages, Language Skills

Stata	Erdas IMAGINE	German – Basic
ArcView GIS	Spanish –Fluent	Chinese – Survival

#### Professional Association Memberships

Association for Public Policy Analysis and Management
Association for Environmental and Resource Economists
Southern Economics Association
Academy of Management
Alliance for Research of Corporate Sustainability (Communications Committee)

#### Public Service, Leadership Experience, and Other Interests

- Faculty Senate (2022- present)
- Ivan Allen College – Diversity, Equity, and Inclusion Council (2021-2023)
- Georgia Drawdown Lead Author (Buildings and Materials) (2018 - )
- Georgia Tech Climate Action Plan Faculty Representative (2022 - )
- APPAM Natural Resources & Environment Program Committee co-chair 2019
- CSR Summer Workshop – Budapest, Hungary Summer 2019
- Hamburg University Advanced Quantitative Methods in CSR Workshop, Summer 2019
- Global Environmental Citizen Prize Committee 2019
- EPA Carbon Disclosure Advisory Panel, 2012
- Director – Sustainability - ThinkBig living-learning community 2011 – 2014
- Pacific Program Faculty 2017
- Georgia Tech in China 2012
- Grand Challenges PBL facilitator 2013
- School of Public Policy Speaker Series co-coordinator (2015 – 2019)
- School of Public Policy Graduate Committee (2010-present)
- Qualifying Exam Committee – (2010-present)
- Energy and Environmental Specialty Exam Committee 2010 – 2015
- Energy and Environmental Specialty Exam Coordinator 2015-present

- GSU / GaTech Public Policy Joint Committee 2010-
- School of Public Policy Econ Search Committee 2013; 2017
- School of Public Policy Faculty Search Committee 2014
- School of Public Policy Strategic Planning Committee 2013
- Association for SPEA Ph.D. Students, Chair, 2007
- SPEA Dean's Student Committee 2007-2008
- SPEA Dean Search Committee 2008
- Bloomington Faculty Council (BFC)'s Student Academic Affairs committee 2008-2009
- Avid runner, including Boston Marathon (2004)
- Indiana University Ultimate Frisbee Club Team 2004-2007 (Collegiate Nationals, 2007)
- Science Olympiad Coach 2008, 2009 (Remote Sensing – Team placed 1<sup>st</sup> & 4<sup>th</sup>, nationally)