

EIGHTH ANNUAL ENVIRONMENTAL POLITICS AND GOVERNANCE CONFERENCE



June 28–July 1, 2022 • Penn State University Park



PennState

**SCHOOL OF
PUBLIC POLICY**

CONFERENCE CO-HOSTS

Center for Energy Law and Policy

College of the Liberal Arts

Department of Political Science

Institutes of Energy and the Environment (IEE)

The McCourtney Institute for Democracy

Social Science Research Institute (SSRI)

CONFERENCE CO-CHAIRS

Xun Cao, Associate Professor of Political Science and Public Policy

Emily Pakhtigian, Jeffrey L. and Sharon D. Hyde-McCourtney Career Development Professor
and Assistant Professor of Public Policy

Lilliard Richardson, Director of the School of Public Policy and Professor of Public Policy

CONFERENCE COORDINATORS

Tammy Hosterman, Administrative Coordinator, School of Public Policy

Brandy Phillips, Administrative Support Assistant, School of Public Policy

Whitney Chirdon, Director of Communications, School of Public Policy

WELCOME TO PENN STATE

Dear Conference Participants,

On behalf of the School of Public Policy, welcome to the 2022 Environmental Politics and Governance Conference.

Since the School of Public Policy was established at Penn State in 2018, we have served as a hub for policy research and curriculum. The school's twelve core and thirteen affiliate faculty strive to be leaders and produce transformational research that improves the practice of public policy and governance. Within the Penn State community and beyond, faculty and students work collaboratively to extend the reach and impact of research and programs and develop projects, conversations, and networks that put policy into practice and help the public understand complex global issues.

As we host the eighth annual Environmental Politics and Governance Conference, the School of Public Policy is expanding research and scholarship focused on environmental justice. A new project with the Institutes of Energy and the Environment (IEE), "Flooding and Environmental Justice," will study the policy implications of the social effects of flooding. Another project with IEE, "Assessing Distributional Effects of Coal-Fired Power Plant Operations on Pollution and Health," investigates how the transition away from coal-fired power plants is impacting the environment and health of communities in Pennsylvania. We will also be opening the search for a co-funded faculty position with a research focus on climate justice.

The 2022 conference has been made possible by the generous support of the Center for Energy Law and Policy, the College of the Liberal Arts, the Department of Political Science, the Institutes of Energy and the Environment (IEE), the McCourtney Institute for Democracy, and the Social Science Research Institute (SSRI). I would also like to thank the faculty and staff who have worked to plan and execute this conference.

Best wishes to everyone for an exciting and engaging few days of conversation and presentations in Happy Valley!

Sincerely,

Lilliard Richardson
Director, School of Public Policy

SCHEDULE

DAY 1

Tuesday, June 28

- 4:30–6:00 p.m.** WELCOME RECEPTION
1855 Room, The Graduate Hotel
- 6:00–9:00 p.m.** DINNER
Coaly Ballroom A, The Graduate Hotel

DAY 2

Wednesday, June 29

- 7:30–8:15 a.m.** BREAKFAST
Business Building Atrium
- 8:30–8:40 a.m.** WELCOME AND INTRODUCTORY REMARKS
217 Business Building
Clarence Lang, Susan Welch Dean of the College of the Liberal Arts
- 8:40–9:40 a.m.** PANEL 1: POLICY AND INSTITUTIONAL DESIGN
217 Business Building
- 9:50–10:50 a.m.** PANEL 2: DETERMINANTS OF CLIMATE CHANGE POLICIES
217 Business Building
- 11:00 a.m.–Noon** PLENARY KEYNOTE WITH FRANCIS FUKUYAMA
110 Business Building
- 12:30–1:30 p.m.** LUNCH
Business Building Atrium
- 1:30–2:30 p.m.** PANEL 3: HOUSEHOLD AND LOCAL POLICY ADOPTION AND RESPONSES
217 Business Building
- 2:40–3:40 p.m.** PANEL 4: REGULATION, COMPLIANCE, AND ENVIRONMENTAL JUSTICE
217 Business Building

SCHEDULE

DAY 2

Wednesday, June 29

3:50–5:10 p.m. PANEL 5: PUBLIC SUPPORT FOR CLIMATE CHANGE AND ENVIRONMENTAL POLICIES I
217 Business Building

6:10–6:30 p.m. BREAK
Business Building Atrium

6:30–8:30 p.m. DINNER
Coaly Ballroom A, The Graduate Hotel

DAY 3

Thursday, June 30

7:45–8:15 a.m. BREAKFAST
Business Building Atrium

8:30–9:30 a.m. PANEL 6: CLIMATE CHANGE AND MIGRATION
217 Business Building

9:40–10:40 a.m. PANEL 7: POLITICAL IMPACTS OF CLIMATE CHANGE AND ENVIRONMENTAL DEGRADATION
217 Business Building

10:50–11:50 a.m. PANEL 8: EFFECTS OF ENVIRONMENTAL AND CLIMATE CHANGE POLICIES I
217 Business Building

Noon–1:00 p.m. LUNCH
Business Building Atrium

1:00–2:00 p.m. PANEL 9: EFFECTS OF ENVIRONMENTAL AND CLIMATE CHANGE POLICIES II
217 Business Building

SCHEDULE

DAY 3

Thursday, June 30

- 2:10–3:10 p.m.** PANEL 10: NATURAL DISASTERS, VULNERABILITIES, AND FUTURE SCENARIOS
217 Business Building
- 3:20–4:40 p.m.** PANEL 11: PUBLIC SUPPORT FOR CLIMATE CHANGE AND ENVIRONMENTAL POLICIES II
217 Business Building
- 5:10–6:10 p.m.** POSTER SESSION
6 Deike Building, Earth and Mineral Sciences Museum and Art Gallery
- 6:10–6:30 p.m.** BREAK
Walk to The Graduate Hotel
- 6:30–9:00 p.m.** DINNER AND NATURAL SCIENCES TALK
Coaly Ballroom A, The Graduate Hotel

DAY 4

Friday, July 1

- 8:00–8:30 a.m.** BREAKFAST
Coaly Ballroom A, The Graduate Hotel
- 8:30–9:30 a.m.** PANEL 12: NEW DATA, METHODS, AND PERSPECTIVES
Coaly Ballroom A, The Graduate Hotel
- 9:40–11:00 a.m.** PANEL 13: THE ROLE OF INTERNATIONAL ORGANIZATIONS AND INTERVENTIONS
Coaly Ballroom A, The Graduate Hotel

PANEL 1: POLICY AND INSTITUTIONAL DESIGN

Wednesday, June 29

8:40–9:40 a.m.

217 Business Building

- “Citizen Participation and Government Accountability: National-Scale Experimental Evidence from Pollution Appeals in China,” Mark Buntaine, University of California, Santa Barbara; Michael Greenstone, The University of Chicago; Guojun He, University of Hong Kong; Mengdi Liu, University of International Business and Economics; Shaoda Wang, The University of Chicago; Bing Zhang, Nanjing University.
- “Bureaucracy Matters: Administrative Structure and Performance in Brazil’s Federal Protected Areas Agency,” Gus Greenstein, Emmett Interdisciplinary Program in Environment and Resources, Stanford University.
- “Approximating Optimal Policies to Reduce the Spread of Invasive Species,” Zhengqi Liu, Department of Mathematics, Penn State; Ludmil Zikatanov, Department of Mathematics, Penn State; Katherine Zipp, Department of Environmental and Resource Economics, Penn State.

PANEL 2: DETERMINANTS OF CLIMATE CHANGE POLICIES

Wednesday, June 29

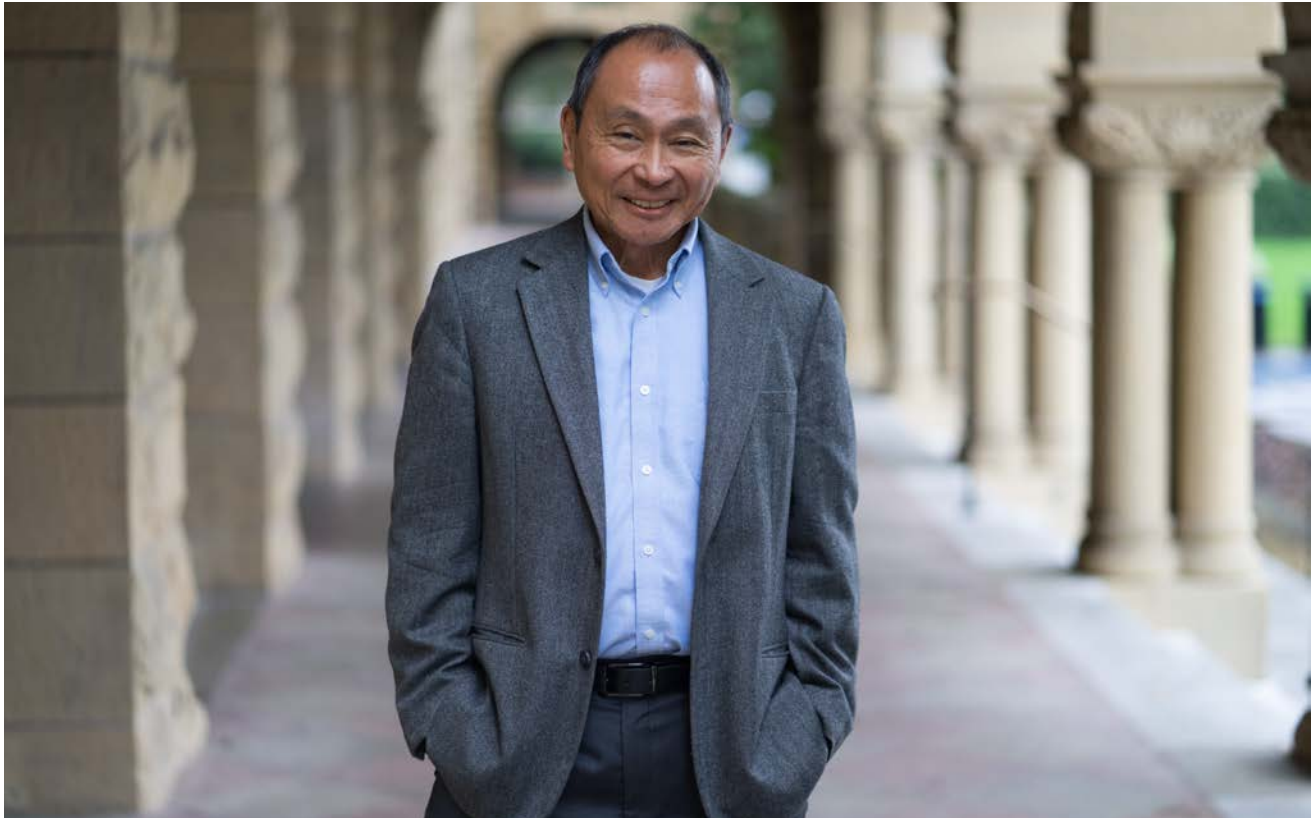
9:50–10:50 a.m.

217 Business Building

- “Climate Alignment: How the Spatial Relationship Between Interests and Parties Shapes Climate Politics,” Alexander Gard-Murray, Brown University.
- “Investigating the Drivers and Barriers of NDC Development,” Harro van Asselt, University of Eastern Finland Law School; Lauri Peterson, University of Eastern Finland Law School; Lukas Hermwille, Wuppertal Institute Global Climate Governance Research Unit; Sebastian Oberthür, Brussels School of Governance and University of Eastern Finland Law School.
- “Fueling Electric Vehicles: Motivation behind China’s Local EV Charging Infrastructure Subsidies,” Hanjie Wang, University of Washington.

PLENARY KEYNOTE FRANCIS FUKUYAMA

Wednesday, June 29
11:00 a.m. – Noon
110 Business Building



Francis Fukuyama is the Olivier Nomellini Senior Fellow at Stanford University's Freeman Spogli Institute for International Studies (FSI) and a faculty member of FSI's Center on Democracy, Development, and the Rule of Law (CDDRL). He is also the director of Stanford's Ford Dorsey Master's in International Policy and a professor (by courtesy) of political science.

Dr. Fukuyama has written widely on issues in development and international politics. His 1992 book, *The End of History and the Last Man*, has appeared in over twenty foreign editions. His most recent book, *Liberalism and Its Discontents*, was published in 2022.

PANEL 3: HOUSEHOLD AND LOCAL POLICY ADOPTION AND RESPONSES

Wednesday, June 29

1:30–2:30 p.m.

217 Business Building

- “Just Transition Funds in the United States: Drivers of Adoption and Dynamics of Policy Design,” [Hanna L. Breetz](#), [Rebecca Shelton](#), Leah C. Kunkel, and Mokshda Kaul, School of Sustainability, Arizona State University.
- “Peer Effects in Residential Green Infrastructure Adoption,” [Daniel A. Brent](#), Penn State; Douglas R. Wrenn, Penn State; Gabriel R. Lara, Penn State; Allison Lassiter, University of Pennsylvania; Joseph Cook, Washington State University.
- “Local Political Response to Climate Risks: The Case of Property Buyouts,” [Megan Mullin](#), Duke University.

PANEL 4: REGULATION, COMPLIANCE, AND ENVIRONMENTAL JUSTICE

Wednesday, June 29

2:40–3:40 p.m.

217 Business Building

- “Implications of Squeaky Wheels: Environmental Justice and Citizen Complaints in Oil and Gas Regulatory Compliance,” [Richard W. DiSalvo](#), Princeton University; Elaine Hill, University of Rochester; Lujia Zhang, Harvard University.
- “Feeling the Squeeze: Financial Stress and Drinking Water Spending in Municipal Water Utilities,” [Sara Hughes](#), University of Michigan; Christine Kirchhoff, University of Connecticut; Katelynn Conedera, University of Michigan; Mirit Friedman, University of Michigan.
- “A Race to the Bottom in Environmental Enforcement: New Evidence from the United States,” David Konisky, Paul H. O’Neill School of Public and Environmental Affairs, Indiana University; [Neal Woods](#), Department of Political Science and School of Earth, Ocean, and the Environment, University of South Carolina.



PANEL 5: PUBLIC SUPPORT FOR CLIMATE CHANGE AND ENVIRONMENTAL POLICIES I

Wednesday, June 29

3:50–5:10 p.m.

217 Business Building

- “The Threat of Automation and Public Support for Environmental Regulation,” [Michaël Aklin](#), Department of Political Science, University of Pittsburgh; [Liam F. Beiser-McGrath](#), Royal Holloway, University of London; Valentina González-Rostani, Department of Political Science, University of Pittsburgh.
- “Public Opinion and the Politics of Energy Infrastructure in the Developing World,” [Meir Alkon](#), Political Science and Environmental Studies, Fordham University; [Jennifer Hadden](#), Department of Government and Politics, University of Maryland.
- “Think Globally, Act Locally: The Determinants of Local Policymakers’ Support for Climate Policy,” [Sabrina B. Arias](#), Department of Political Science, University of Pennsylvania; Joshua A. Schwartz, Harvard Kennedy School and Department of Political Science, University of Pennsylvania.
- “How Strong is Public Demand in the Global North for Sustainability Regulation of Global Supply Chains?” [Dennis Kolcava](#), Keith Smith, and [Thomas Bernauer](#), ETH Zürich.


PANEL 6: CLIMATE CHANGE AND MIGRATION

Thursday, June 30

8:30–9:30 a.m.

217 Business Building

- “Who Identifies as an Environmental Migrant—The Role of Perceptions in Determining Causes for Migration,” Quynh Nguyen, Australian National University; [Gabriele Spilker](#), University of Konstanz; Tobias Böhmelt, University of Essex; and Vally Koubi, ETH Zürich and University of Bern.
- “Drought Exposure Decreases Altruism Among Refugees: Evidence from Survey Data,” [Stefan Döring](#) and Jonathan Hall, Department of Peace and Conflict Research, Uppsala University.
- “Environmental Change and Migration Aspirations: Evidence from Bangladesh,” [Vally Koubi](#), ETH Zürich and University of Bern; Jan Freihardt, ETH Zürich; and Lukas Rudolph, ETH Zürich and LMU Munich.



POND LABORATORY

PANEL 7: POLITICAL IMPACTS OF CLIMATE CHANGE AND ENVIRONMENTAL DEGRADATION

Thursday, June 30

9:40–10:40 a.m.

217 Business Building

- “Does Air Pollution Drive Protest Around New Coal? Evidence from India,” [Jennifer Hadden](#) and [Rithvik Yarlagadda](#), University of Maryland.
- “Burning the Pre-election Oil—Environmental Political Business Cycles in Vietnam,” [Franziska Quoß](#), International Political Economy and Environmental Politics Group, ETH Zürich; Quynh Nguyen, School of Politics & International Relations, Australian National University.
- “Elections on Fire: The Effect of Fires on Political Behavior in Brazil,” [Silvia Pianta](#), European University Institute and RFF-CMCC European Institute on Economics and the Environment; Paula Rettl, Bocconi University.

PANEL 8: EFFECTS OF ENVIRONMENTAL AND CLIMATE CHANGE POLICIES I

Thursday, June 30

10:50–11:50 a.m.

217 Business Building

- “How Natural Resource Decentralization Reshapes Inequality,” [Nathan J. Cook](#), Paul H. O’Neill School of Public and Environmental Affairs, Indiana University; Krister P. Andersson, Institute of Behavioral Science, University of Colorado Boulder; Michelle E. Benedum, Institute of Behavioral Science, University of Colorado Boulder; Tara Grillos, Department of Political Science, Purdue University; Birendra K. Karna, ForestAction Nepal; Dil B. Khatri, Southasia Institute of Advanced Studies; Dilli Poudel, Southasia Institute of Advanced Studies.
- “Does the Selective Erasure of Protected Areas Raise Deforestation in the Brazilian Amazon?” Derya Keles, Université de Lorraine, Université de Strasbourg, AgroParisTech, CNRS, INRAE, Bureau d’Economie Théorique et Appliqué (BETA); [Alexander Pfaff](#), Sanford School of Public Policy, Duke University; Michael B. Mascia, Moore Center for Science, Conservation International.
- “Announcing a Green New Deal: The Role of Policy Signals for Stimulating Entrepreneurship,” [Anna Stuenzi](#), IPW-HSG, University of St. Gallen; Andreas Schaefer, Department of Economics, University of Bath.

PANEL 9: EFFECTS OF ENVIRONMENTAL AND CLIMATE CHANGE POLICIES II

Thursday, June 30

1:00–2:00 p.m.

217 Business Building

- “Estimating the Causal Effect of a State Gas Tax Hike on Carbon Emission: Oregon as a Case Study,” Can Chen, Andrew Young School of Policy Studies, Georgia State University; Tian Tang, Askew School of Public Administration and Policy, Florida State University; [Hongtao Yi](#), John Glenn College of Public Affairs, The Ohio State University.
- “Economic Impacts of Low-Carbon Energy Transitions: Evidence from the Regional Greenhouse Gas Initiative,” [Emily L. Pakhtigian](#), School of Public Policy, Penn State; Hilary Wething, School of Public Policy, Penn State.
- “Flood Zoning Policy and Its Impacts on Housing Characteristics in Texas,” [Pin Sun](#), Department of Economics, Penn State; [Douglass Noonan](#), Paul H. O’Neill School of Public and Environmental Affairs, Indiana University; [Lilliard Richardson](#), School of Public Policy, Penn State.



PANEL 10: NATURAL DISASTERS, VULNERABILITIES, AND FUTURE SCENARIOS

Thursday, June 30

2:10–3:10 p.m.

217 Business Building

- “Visibility and Vulnerability: Aid Allocations after the 2015 Nepal Earthquake,” [Matthew Gordon](#), Environmental Studies, Yale University.
- “Predicting German Political Decisions on Climate Neutrality,” [Freya Lenk](#), Potsdam Institute for Climate Impact Research, University of Potsdam; [Detlef F. Sprinz](#), Potsdam Institute for Climate Impact Research, University of Potsdam.
- “Coal Mining Decline and Opioid Overdose Mortality in Rural Central Appalachia: Need for a Just Energy Transition,” Zhongyang He, Department of Energy and Mineral Engineering and EMS Energy Institute, Penn State; Travis Young, Department of Geography, Penn State and Department of Environment and Sustainability, University at Buffalo; Jennifer Baka, Department of Geography and Earth and Environmental Systems Institute, Penn State; Sekhar Bhattacharyya and [Zhen Lei](#), Department of Energy and Mineral Engineering and EMS Energy Institute, Penn State.

PANEL 11: PUBLIC SUPPORT FOR CLIMATE CHANGE AND ENVIRONMENTAL POLICIES II

Thursday, June 30

3:20–4:40 p.m.

217 Business Building

- “The Effects of Air Quality on Citizens’ Preferences for Nuclear Energy: Evidence from Two Referenda in Taiwan,” [Yi-Tien Liu](#), National Taiwan University; [Yau-Huo \(Jimmy\) Shr](#), National Taiwan University.
- “Assessing Support for Climate Policies,” [Renaee Marshall](#) and [Sarah Anderson](#), University of California, Santa Barbara; Matthew Burgess, University of Colorado Boulder; Laith Al-Shawaf, University of Colorado Colorado Springs; Leaf Van Boven, University of Colorado Boulder.
- “Support for Federal Solar Tax Rebates is High but Threatened by Partisanship,” Keith Smith, ETH Zürich; [Adam Mayer](#), Center for Global Change & Earth Observations, Michigan State University.
- “Supply Chain Dimensions of Decarbonization: A Survey Experiment to Assess Local Support for Thacker Pass Lithium Mining,” Azusa Uji, Kyoto University; Jaehyun Song, Kansai University; Nives Dolšák, University of Washington; [Aseem Prakash](#), University of Washington.

POSTER SESSION

Thursday, June 30

5:10–6:10 p.m.

6 Deike Building, Earth and Mineral Sciences Museum and Art Gallery

[Access Campus Map](#)

- “Pre- and Post-Monsoon Variation in Household Water Insecurity in Rural Bangladesh: Implications for Water Access and Governance in the Face of Climate Change,” [Lauren Broyles](#), Department of Civil and Environmental Engineering, Penn State.
- “Risk and Reward: Why Corporations Join Sustainable Finance Governance Initiatives,” [Christian Elliott](#), Department of Political Science and Environmental Studies, University of Toronto.
- “Hive Mentality in Climate Governance: When Political Networks Hinder Innovation,” [Laure Gosselin](#), Department of Political Science, Université Laval; [Laurie Durel](#), Graduate School of International Studies, Université Laval.
- “Flood Risk in Redlined Communities,” [Gabriel Ricardo Lara](#), Energy, Environmental, and Food Economics Program, Penn State.
- “While Nations Talk, Which Cities Act?” [Marielle Papin](#), McGill University; Jacob Fortier, Université de Montréal.
- “Promoting Solar-Energy for Irrigation: Field Insights from Policy Attempts in India,” [Praharsh M. Patel](#), Energy, Environmental, and Food Economics Program, Penn State.
- “Impact of Water-related Building Moratoriums on Housing Supplies in California,” [Mingzhou Shen](#), Department of Agricultural Economics, Sociology, and Education, Penn State.
- “Mutually Constitutive Mobilizations: State-Worker Responses to Environmental Policies in Authoritarian Regimes,” [Daniel Yoder Zipp](#), Department of Sociology, University of California, Los Angeles.

PANEL 12: NEW DATA, METHODS, AND PERSPECTIVES

Friday, July 1

8:30–9:30 a.m.

Coaly Ballroom A, The Graduate Hotel

- “Simulating Institutional Heterogeneity in Sustainability Science,” Michael Davidson, University of California, San Diego; Tatiana Filatova, Delft University of Technology; [Wei Peng](#), School of International Affairs and Department of Civil and Environmental Engineering, Penn State.
- “Satellite Data for Causal Inference,” [Luke Sanford](#), Yale School of the Environment.
- “Evaluating Conflict in Environmental Governance: An Application of the Policy Conflict Framework to the Study of Environmental Justice Councils,” [Saba Siddiki](#) and Graham Ambrose, Department of Public Administration and International Affairs, Maxwell School of Citizenship and Public Affairs, Syracuse University; Jangmin Kim, School of Social Work, Texas State University.

PANEL 13: THE ROLE OF INTERNATIONAL ORGANIZATIONS AND INTERVENTIONS

Friday, July 1

9:40–11:00 a.m.

Coaly Ballroom A, The Graduate Hotel

- “Do Aspirational Goals in International Environmental Agreements Matter? Using History to Calibrate Reasonable Expectations for the Paris Agreement,” [Hélène Benveniste](#), Center for the Environment and Kennedy School of Government, Harvard University; Michael Oppenheimer, School of Public and International Affairs and Department of Geosciences, Princeton University; Andrew Moravcsik, School of Public and International Affairs and Department of Politics, Princeton University.
- “Intergovernmental Organizations as Opinion Leaders: The Case of Climate Change,” [Brian Greenhill](#), Department of Political Science, University at Albany, State University of New York.
- “Economic Sanctions and the Carbonization of Target States,” [Emre Hatipoglu](#), King Abdullah Petroleum Studies and Research Center; Mehmet Soytas, King Fahd University of Petroleum and Minerals.
- “Climate Justice Frames and the Power of Small NGOs at UNFCCC,” [Takumi Shibaike](#), School of Public Policy at the University of Calgary; [Bi Zhao](#), Department of Political Science, Whitworth University.

RESOURCES



[Penn State Maps](#)

[The Graduate Hotel](#)

Popular Destinations on Campus:

[Nittany Lion Shrine](#)

[Penn State All-Sports Museum](#)

[Berkey Creamery](#)

[Palmer Museum of Art](#)

[The Arboretum at Penn State](#)

Exploring State College:

[The Happy Valley Adventure Bureau](#)

[Centre Region Parks and Recreation](#)

[Downtown State College Improvement District](#)

[Centre Area Transportation Authority \(CATA\)](#)



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College of the Liberal Arts

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