

Curriculum Vitae for Xun Cao

310 Pond Lab
University Park, PA 16802
Email: xuc11@psu.edu
Tel: 814-865-8749
Web page: <http://sites.psu.edu/xuncao/>

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Employment

Associate Professor, School of Public Policy, Penn State University, January 2019 - present.

Associate Professor, Department of Political Science, Penn State University, July 2015 - present.

Assistant Professor, Department of Political Science, Penn State University, August 2011 - June 2015.

Lecturer (US equivalent: Assistant Professor), Department of Government, University of Essex, September 2007 - August 2011 (on leave September 2007 - June 2008).

Post Doctoral Fellow, Niehaus Center for Globalization and Governance, Woodrow Wilson School of Public & International Affairs, Princeton University, September 2007 - June 2008.

Education

Ph.D. in Political Science, August 2007
University of Washington, Seattle, WA, USA

B.A. International Relations and French, July 2001
Foreign Affairs College, Beijing, China

Publications

Xu Xu, Genia Kostka, and Xun Cao: "Information Control and Public Support for State Surveillance: Evidence from Social Credit Systems in China." Conditionally accepted, *Journal of Politics*.

Xun Cao, Qing Deng, Xiaojun Li, and Zijie Shao: "Fine Me If You Can: Fixed Asset Intensity and Environmental Regulation Actions in China." Forthcoming, *Regulation & Governance*. <https://doi.org/10.1111/rego.12406>.

Xun Cao, Theodora-Ismene Gizelis, Anja Shortland, and Henrik Urdal: "Drought, Local Public Goods, and Inter-communal Conflicts: Testing the Mediating Effects of Public Service Provisions." Forthcoming, *Defense and Peace Economics*. <https://doi.org/10.1080/10242694.2020.1855560>.

Zheng Su, Anthony Pezzola, Amanda Fidalgo, and Xun Cao: "Electoral Competition, Party System Fragmentation, and Air Quality in Mexican Municipalities." *Environmental Politics*, vol. 30, November 2021.

Mingqin Wu and Xun Cao: "Greening the Career Incentive Structure for Local Officials in China: Does Less Local Pollution Increase the Chances of Promotion for Chinese County Leaders?" *Journal of Environmental Economics and Management*, vol. 107, May 2021.

Theodora-Ismene Gizelis and Xun Cao: "A Security Dividend: Peacekeeping and Maternal Health

Outcomes and Access.” *Journal of Peace Research*, vol. 58, March 2021.

Zheng Su and Xun Cao: “Beyond Carrot and Stick: The Effects of Conflict Resolution on Crime Control in China.” *British Journal of Criminology*, vol. 61, no. 1, January 2021.

Santiago Lopez-Cariboni and Xun Cao: “When do Rulers Educate: Trade Competition and Human Capital in Non-Democracies.” *Review of International Organization*, vol. 14, no. 3, September 2019.

Xun Cao, Genia Kostka, and Xu Xu. “Environmental Political Business Cycles: The Case of PM2.5 Air Pollution in Chinese Prefectures.” *Environmental Science & Policy*, vol. 93, March, 2019.

Xun Cao, Haiyan Duan, Chuyu Liu, and Yingjie Wei: “Religious Institutions and the Impact of Inter-Ethnic Inequality on Conflict: The Case of Xinjiang, China.” *International Studies Quarterly*, vol. 62, no. 4, December 2018.

Xun Cao, Haiyan Duan, Chuyu Liu, James Piazza, and Yingjie Wei: “Digging the Ethnic Violence in China Database: The Effects of Inter-Ethnic Inequality and Natural Resources Exploitation in Xinjiang.” *China Review*, vol. 18, no. 2, May 2018.

Xun Cao and Hugh Ward: “Transnational Climate Governance Networks and Domestic Regulatory Action.” *International Interactions*, vol. 43, no. 1, January 2017.

Xun Cao, Andrew Kleit, and Chuyu Liu: “Why Invest in Wind Energy? Career Incentives and Chinese Renewable Energy Politics.” *Energy Policy*, vol. 99, December 2016.

Santiago López-Cariboni and Xun Cao: “Import Competition and Policy Interdependence.” *Politics & Society*, vol. 43, no. 4, December 2015.

Xun Cao and Hugh Ward: “Winning Coalition Size, State Capacity, and Time Horizons: An Application of Modified Selectorate Theory to Environmental Public Goods Provision.” *International Studies Quarterly*, vol. 59, no. 2, June 2015.

Xun Cao and Michael D. Ward: “Do Democracies Attract Portfolio Investment?” *International Interactions*, vol. 40, no. 2, March 2014.

Hugh Ward, Xun Cao, and Bumba Mukherjee: “State Capacity and the Environmental Investment Gap in Authoritarian States.” *Comparative Political Studies*, vol. 47, no. 3, March 2014.

Xun Cao, Brian Greenhill, and Aseem Prakash: “Where is the Tipping Point? Bilateral Trade and the Diffusion of Human Rights.” *British Journal of Political Science*, vol. 43, no. 1, January 2013.

Christian Breunig, Xun Cao, and Adam Luedtke: “Global Migration and Political Regime Type: A Democratic Disadvantage.” *British Journal of Political Science*, vol. 42, no. 4, October 2012.

Hugh Ward and Xun Cao: “Domestic and International Influences on Green Taxation.” *Comparative Political Studies*, vol. 45, no. 9, September 2012.

Xun Cao: “Global Networks and Domestic Policy Convergence: A Network Explanation of Policy Changes.” *World Politics*, vol. 64, no. 3, July 2012.

Xun Cao and Aseem Prakash: “Trade Competition and Environmental Regulations: Domestic Political Constraints and Issue Visibility.” *Journal of Politics*, vol. 74, no. 1, January 2012.

Xun Cao and Aseem Prakash: “Growing Exports by Signaling Product Quality: Trade Competition

and the Cross-national Diffusion of ISO 9000 Quality Standards.” *Journal of Policy Analysis and Management*, vol. 30, no. 1, January 2011.

Xun Cao: “Networks As Channels of Policy Diffusion: Explaining Worldwide Changes in Capital Taxation, 1998-2006.” *International Studies Quarterly*, vol. 54, no. 3, September 2010.

Xun Cao and Aseem Prakash: “Trade Competition and Domestic Pollution: A Panel Study, 1980-2003.” *International Organization*, vol. 64, no. 3, July 2010.

Xun Cao: “Networks of Intergovernmental Organizations and Convergence in Domestic Economic Policies.” *International Studies Quarterly*, vol. 53, no. 4, December 2009.

Xun Cao: “Domestic Economic Policies, Political Institutions, and Transnational Portfolio Investments.” *Business and Politics*, vol. 11, no. 1, April 2009.

Kristin M. Bakke, Xun Cao, John O’Loughlin, and Michael D. Ward. “Social Distance in Bosnia and the North Caucasus Region of Russia.” *Nations and Nationalism*, vol. 15, no. 2, April 2009.

Michael D. Ward, Randolph M. Siverson, and Xun Cao: “Disputes, Democracies, and Dependencies: A Re-examination of the Kantian Peace.” *American Journal of Political Science*, vol. 51, no. 3, July 2007.

Xun Cao, Aseem Prakash, and Michael D. Ward: “Protecting Jobs in the Age of Globalization: Examining the Relative Salience of Social Welfare to Industrial Subsidies in OECD Countries.” *International Studies Quarterly*, vol. 51, no. 2, June 2007.

Editor-invited Publications

Xun Cao and Neslihan Burcin Tamer: “Foreign Aid, Winning Coalition Size, and Environmental Quality in Aid-recipient Countries”. *International Trade, Politics and Development*, vol. 2, June 2018.

Xun Cao, Helen V. Milner, Aseem Prakash, and Hugh Ward: “Research Frontiers in Comparative and International Environmental Politics: An Introduction.” *Comparative Political Studies*, vol. 47, no. 3, March 2014.

Papers under Review

Zheng Su, Xu Xu, and Xun Cao: “What Explains Popular Support for Government Surveillance in China?” Revised and resubmitted, *Journal of Information Technology & Politics*.

Qing Deng, Yangyang Li, Xun Cao, and Zhen Lei: “Regulatory Sanctions and Firm Environmental Performances in China.”

Haiyan Duan and Xun Cao: “Revisiting the Urbanization-Violence Nexus: The Mediating Effect of Local Ethnic Diversity.”

Bomin Kim, Xiaoyue Niu, David Hunter, and Xun Cao: “Dynamic Latent Factor Network Modeling (DLFM) of the United Nations Voting Behaviors.”

Working Papers

Xun Cao and Zheng Su: “Extreme Weather Events and Public Attention and Awareness of Climate Change in China.”

Siwei Cao, Xun Cao, Zhen Lei, Yuxi Meng, and Dezhu Ye: “The Salience Effect of Policy Delibera-

tion and Enactment on Energy Market: Evidence from the Building Energy Benchmarking Law in Philadelphia.”

Chuyu Liu and Xun Cao: “Privatization, Ethnic Diversity, and the Chances of Ethnic Conflict: Evidence from Xinjiang and Beyond.”

Zhenqian Huang and Xun Cao: “The Lure of Technocracy? Chinese Aid and Local Preferences for Development Leadership in Africa.”

Invited Presentations

Oct 7, 2020: *Do Regulatory Sanctions Change Firm Environmental Spending and Performances in China?* Invited talk in the Energy and Environmental Economics and Policy (EEEP) seminar series, Penn State University.

Dec 18, 2019: *Environmental Regulations in China: Firm-level Implementation and Changing Incentive Structure for Local Officials.* Invited talk at the Shanghai Jiaotong University, Shanghai, China.

August 26-27, 2019: Invited participation at the workshop on “The Design of Environmental Agreements,” Baie-St-Paul, Quebec, Canada.

June 25, 2019: *Opium Production, Price Shocks, and Chances of Civil Armed Conflicts in Myanmar.* Invited talk at the Shanghai University of Finance and Economics.

June 13-15, 2019: *Greening the Career Incentive Structure for Local Officials in China: Does Less Local Pollution Increase the Chances of Promotion for Chinese County and Prefecture Leaders?* Invited presentation at the 5th Workshop on Chinese Politics and Society, Shanghai Jiao Tong University, Shanghai, China.

June 11, 2019: *Fine Me If You Can: Fixed Asset Intensity and Environmental Regulation Actions in China.* Invited talk at the Fudan University, Shanghai, China.

June 3-5, 2019: *What Drives Privatization in the Chinese Natural Gas Market?* Invited presentation at the workshop “(Comparative) Political Economy of Energy Transitions,” Luzern/Seelisberg, Switzerland.

April 26, 2019: *The Politics of Firm-level Environmental Regulatory Actions in China.* Invited presentation at the Third Quantitative China Studies Seminar at the NYU, New York.

April 9, 2019: Invited participation at the workshop “Geopolitics of Energy Markets,” the Colorado School of Mines, Colorado.

September 14-15, 2018: *The Politics of Firm-level Environmental Regulatory Actions in China.* Invited presentation at the workshop on the Paris Agreement and the Future of Climate Policies, Sun Yat-sen University, Guangzhou, China.

July 7-8, 2018: *The Politics of Firm-level Environmental Regulatory Actions in China.* Invited presentation at the 4th Workshop on Chinese Politics and Society, Shanghai Jiao Tong University, Shanghai, China.

May 28-30, 2018: *The Politics of Firm-level Environmental Regulatory Actions in China.* Invited presentation at the Symposium “Data, Technology and Digitalization & Environmental Governance in China,” Schloss Herrenhausen, Hannover, Germany.

November 21, 2016: *Environmental Political Business Cycles: The Case of PM2.5 Air Pollution in Chinese Prefectures*. Invited talk at the Vassar College.

September 27-28, 2013: *Climate Conflict or Climate Peace? Geographical Proximity, Road Networks, and the Local Diffusion of Climate Change Pressures in Africa, 1990-2005*. Invited presentation for the Conference on Networks and Conflict, George Washington University.

October 8, 2012: *An Interest Groups and Partisan Politics Model for Renewable Energy*. Invited presentation at the Energy, Security and Stability Conference at Penn State University.

April 8-9, 2011: *Building State Capacity for Environmental Protection? Lessons from an Environmental Politics Model for Authoritarian States*. Invited presentation at the conference on International Environmental Policymaking and Agreements, the Georg Walter Leitner Program in International and Comparative Political Economy, Yale University.

April 2, 2009: *Trade Competition, National Political Institutions, and Domestic Water and Air Pollution*. Invited talk at the CIS-Colloquium, ETH, Zurich, Switzerland.

June 6, 2008: *Convergence, Divergence, and Networks in the Age of Globalization*. Invited presentation at the workshop "Diffusion in the international realm: how social network analysis can be used to study the underlying process," NCCR Democracy, Aarau, Switzerland.

December 14, 2007: *Networks of Interdependencies and the Specification of Weight Matrices*. Invited presentation at the Political Methodology Colloquium, Princeton University.

November 26, 2007: *Convergence, Divergence, and Networks in the Age of Globalization*. Invited presentation at the Faculty Colloquium in International Relations, Princeton University.

Conference Organization Activities

2016-present, Steering Committee, the Conference on Environmental Politics and Governance.

2015, Steering Committee, Richard Wesley Conference on Environmental Politics and Governance, Center for Environmental Politics at University of Washington, Seattle, May 14-17.

2011, Steering Committee (with Helen Miler, Aseem Prakash, and Hugh Ward), Princeton Conference on Environmental Politics: Research Frontiers in Comparative and International Environmental Politics, Princeton University, December 2-3.

Recent Teaching Experience

Graduate level: International Relations: Theories and Methods (proseminar, PSU); Political Geography (PSU); Environmental Politics (PSU); Applied Multilevel Analysis (Essex Summer School); Theories of International Relations (Essex); Rational Choice in Politics (Essex).

Undergraduate level: Political Geography (PSU); Theories of International Relations (PSU); Globalization and Its Implications (PSU); Political Economy (Essex); Theories and Empirical Studies in International Relations (Shanghai Jiaotong University).

Ph.D. Students

William Suman, Penn State University, supervisor (in progress); Qing Deng, Penn State University, 2021, Ph.D. committee chair; Paul Ko, Penn State University (economics), 2021, Ph.D. committee member; Ben Sheng, Penn State University (statistics), 2021, Ph.D. committee member; Chuyu Liu, Penn State University, 2019, Ph.D. committee chair; Scott Piazza, Penn State University, Ph.D. committee member; Christopher Willis, Penn State University, MA committee member; Xu Xu,

Penn State University, MA committee chair; Min Hyung Joo, Penn State University, 2019, Ph.D. committee member; Ted Chen, Penn State University, 2019, Ph.D. committee member; Wonjun Song, Penn State University, MA committee member; Thomas Brawner, Penn State University, MA committee member; Benjamin Ostick, Penn State University, Ph.D. committee member; Neslihan Burcin Tamer, Penn State University, 2015, Ph.D. committee member; Steven T. Landis, Penn State University, 2013, Ph.D. committee member; Kaisa Hinkkainen, University of Essex, 2013, Ph.D. committee member; Chih-Mao Tang, University of Essex, 2011, Ph.D. committee member.

Grants & Awards

Social Science Research Institute, Penn State University, Level I Research Grant 2018 (co-PI; PI: Dr. Bumba Mukherjee, \$4958.8): Mining Investment, Territory, and Civil Conflict.

The Chiang Ching-kuo Foundation Research Grant 2015-2016 (PI; co-PI: Dr. Andrew Kleit and Dr. Chu Wei; \$27,584): China Addresses Climate Change - A Political and Economic Analysis.

Social Science Research Institute, Penn State University, Level I Research Grant 2014 (with Dr. Andrew Kleit, \$4,904): China Addresses Climate Change — A Political and Economic Analysis.

British Academy Small Research Grant 2009-2011 (£7,261): Trade Competition, National Political Institutions, and Domestic Pollution.

Department Research Fund, University of Essex, 2009-2010 (£1,448): Ways to Fight Pollution — Government Commitment, Business Self-regulation, or Civil Society Mobilization?

Service to the Profession

Editorial board: Cambridge University Press “Politics of Climate Change” series, 2020-present.

Editorial board: *British Journal of Political Science*, 2018-present.

Editorial board: *Environmental Politics*, 2017-present.

Editorial board: *International Trade, Politics and Development*, 2017-present.

Editorial board: *Comparative Politics - APSA Newsletter*, 2014-2018.

Member, Finance Committee, International Studies Association (ISA), 2021-present.

Chair, Comparative Political Economy section of the 2015 Midwest Political Science Association Annual Conference.

Member, International Studies Association IPE Section Best Graduate Student Award Committee, 2012-2013.

Reviewer, National Science Foundation (NSF) and Israel Science Foundation (ISF).

Journal reviewer, *American Journal of Political Science*, *American Political Science Review*, *British Journal of Political Science*, *China Review*, *Climate Policy*, *Comparative Political Studies*, *Conflict Management and Peace Science*, *Energy Policy*, *Energy Research & Social Science*, *Environmental Politics*, *Environmental Science & Technology*, *European Journal of Political Research*, *European Union Politics*, *Foreign Policy Analysis*, *Global Environmental Politics*, *International Environmental Agreements: Politics, Law and Economics (INEA)*, *International Interactions*, *International Organization*, *International Studies Quarterly*, *Journal of Conflict Resolution*, *Journal of Peace Research*, *Journal of Policy Analysis and Management*, *Journal of Politics*, *Nationalism and Ethnic*

Politics, Political Research Quarterly, Political Science Research and Methods, Public Administration, Regulation and Governance, Review of International Organization, World Development, and World Politics.

Service to the Department and College

Chair, Research Committee, Sustainability Council, College of the Liberal Arts, Penn State, 2021-present; Chair, Sabbatical Committee, College of the Liberal Arts, Penn State, 2021-present; Member, Sabbatical Committee, College of the Liberal Arts, Penn State, 2019-2021; Director for the Program for Empirical International Relations (PEIR), 2016-present; Tenure committee member, School of Public Policy, Spring 2019; Search committee member, School of Public Policy faculty search, Fall 2018, Spring 2019, Fall 2019; Search committee chair, IR/Public Policy spousal search in the Department of Political Science, Spring 2019; Member, RGSO Dissertation Competition review committee, College of the Liberal Arts, Penn State, 2013-2017; Member, Alumni Dissertation Award review committee, College of the Liberal Arts, Penn State, 2013-2017; Member, Travel and Awards committee, Department of Political Science, Penn State, 2012-2014; Member, Teaching Committee, Department of Political Science, Penn State, 2011-2012;

Professional Associations

American Political Science Association; International Studies Association; Peace Science Society (International).

Skills

Languages: Chinese (native), French (fluent)

Computer Skills: \mathcal{R} , Stata, SAS, ArcGIS, \LaTeX