

DR. SCOTT M. MOORE

www.scottmoorephd.com

ACADEMIC AND RESEARCH EXPERIENCE

University of Pennsylvania

Practice Professor of Political Science | 2023 – Present

Lecturer in Political Science | 2019 – 2023

Director, China Programs & Strategic Initiatives, Office of the Vice Provost for Global Initiatives | 2018 – Present

Director, Climate Security and Geopolitics Project | 2024 – Present

Faculty Fellow, Kleinman Center for Energy Policy | 2025 – Present

Senior Fellow/Senior Advisor, The Water Center at Penn | 2019 – Present

Center for Climate & Security

Non-Resident Fellow | 2024 – Present

Harvard Kennedy School, Belfer Center for Science & International Affairs

Research Associate | 2014 – 2015

Giorgio Ruffolo Postdoctoral Research Fellow | 2012 – 2014

Brookings Institution – John L. Thornton China Center

Ford Foundation Visiting Researcher | 2012

POLICY EXPERIENCE

U.S. Department of Defense

Senior Advisor, Office of the Secretary of Defense | 2024 – 2025

U.S. Indo-Pacific Command

Consultant, China Strategic Futures Group | 2020 – 2024

World Bank Group – East Asia & Pacific Region

Young Professional and Project Lead (China and East Asia) | 2016 – 2018

U.S. Department of State – Office of Chinese & Mongolian Affairs

Environment, Science, Technology and Health Officer, China Desk | 2015 – 2016

EDUCATION

University of Oxford

D.Phil. in Politics | 2013

M.Sc. (Distinction), Environmental Change and Management | 2010

Princeton University

A.B., Summa Cum Laude, Public and International Affairs | 2008

BOOKS

Leapfrog: China's Long Quest to Become a Technology Superpower

- In development for Yale University Press or similar.

Climate Wars: U.S. – China Rivalry and the Future of Clean Technology

- Manuscript under consideration by Stanford University Press.

China's Next Act: How Sustainability and Technology are Reshaping China's Rise and the World's Future. New York: Oxford University Press, 2022.

- Reviewed in *Los Angeles Review of Books*, *Journal of Asian Studies*, *Pacific Affairs*, and more.

Subnational Hydropolitics: Conflict, Cooperation, and Institution-Building in Shared River Basins.

New York: Oxford University Press, 2018.

SELECTED PEER-REVIEWED JOURNAL ARTICLES

Full list available upon request or at www.scottmoorephd.com

“Supply Chain Competitiveness Index: Evaluating U.S. and China’s Lithium-Ion Battery Industries,” *Resources Policy* 107, August 2025 (co-authored with Madeleine Craig-Scheckman)

“Geoengineering Wars and Atmospheric Governance,” *Harvard International Law Journal* 66 (1), Winter 2025, 77-152. (co-authored with Craig Martin)

“Sino-American Competition and the Future of Climate Cooperation,” *Wiley Interdisciplinary Reviews Climate Change* 14 (3), January 2023, e821.

“Environmental Politics and Policy Reform in China: The Case of Water Sector Reform,” *Water Policy* 22 (5): 2020, 850-866. (co-authored with Winston Yu)

“Legitimacy, Development, and Sustainability: Understanding Water Policy and Politics in Contemporary China,” *The China Quarterly* 237, March 2019, 153-173.

“China’s Domestic Hydropolitics: An assessment and implications for international transboundary dynamics,” *International Journal of Water Resources Development* 34 (5): August 2018, 732-746.

“Climate Policy: Steps to China’s Carbon Peak,” *Nature* 522, June 2015, 279-281. (co-authored with Zhu Liu, Dabo Guan, Henry Lee, Jun Su, and Qiang Zhang)

“Modernization, Authoritarianism, and the Environment: The Politics of China’s South-North Water Transfer Project,” *Environmental Politics* 23 (6), November 2014, 947-964.

“Hydropolitics in China: The Pursuit of Localized Preferences in a Centralized System,” *The China Quarterly* 219, September 2014, 760-780.

“Strategic Imperative? Reading China’s Climate Policy in Terms of Core Interests,” *Global Change, Peace, and Security*, 22 (4): 2011, 147-157.

“Climate Change, Water, and China’s National Interest,” *China Security*, 5 (3): 2009, 25-39.

SELECTED OP-EDS AND COMMENTARY

Full list available upon request or at www.scottmoorephd.com

"We barely recycle any EV batteries, but it would make us far less dependent on China," *The Hill*, April 20, 2025. (co-authored with Madeline Craig-Scheckman)

“The Battle Over Blocking the Sun,” *Foreign Affairs*, August 14, 2024. (co-authored with Craig Martin)

“The World Bank is Failing on Climate Change,” *Foreign Affairs*, July 18, 2023.

“China’s economy might not be headed for either ascendancy or decline,” *Los Angeles Times*, April 21, 2023. (co-authored with Derek Scissors)

“The U.S. Can Steal China’s Climate Leadership Crown,” *Foreign Policy*, March 30, 2023. (co-authored with Erin Sikorsky)

“The First Time America Was Attacked by Balloons,” *Politico*, February 13, 2023.

“Can China Escape the Innovation Trap?,” *Lawfare*, October 15, 2022.

“How to Think About China: A Guide for Boards,” *Directors & Boards Magazine*, August 12, 2022.

“Why the Nobel Prize shows the U.S. and China need to work together on gene editing,” *The Hill*, October 18, 2020. (co-authored with Mahlet Mesfin)

“Economics, not politics, helps explain why coronavirus and other diseases started in China,” *The Washington Post*, May 1, 2020. (co-authored with Ezekiel Emanuel)

“China’s Biotech Boom Could Transform Lives – or Destroy Them,” *Foreign Policy*, November 8, 2019.

“How the U.S. Surrendered to China on Scientific Research,” *The Wall Street Journal*, April 19, 2019. (co-authored with Ezekiel Emanuel and Amy Gadsden)

“The Best Way to Compete with China,” *The New York Times*, February 1, 2019.

“The Huawei fallout leaves companies and countries with an impossible choice,” *The Washington Post*, December 17, 2018.

“Fishing Boat Diplomacy: How Maritime Cooperation Can Help U.S. - China Relations,” *Foreign Affairs*, September 14, 2016.

“Pollution Without Revolution: Why China’s environmental crisis won’t bring down the regime,” *Foreign Affairs*, June 11, 2014.

“The United States of China,” *The International New York Times*, March 11, 2014.

OTHER SCHOLARLY WRITING

“Governing China’s Digital Transformation: Industrial Policy, Regulatory Governance, and Innovation,” by Jiwei Qian, *The China Quarterly* 2026: 1-2.

“China’s Digital Development Agenda: Implications for the Globe,” *Chinese Developmentalism in the Global Legal and Economic Order*. Matthew Erie and Jacques deLisle, eds. [Forthcoming]

“The Rise and Fall of the EAST,” by Yasheng Huang, *Journal of Asian Studies* 83(3): 2024, 738-739.

“The Political Economy of Science, Technology, and Innovation in China,” by Yutao Sun and Cong Cao, *The China Journal* 92: July 2024, 130-131.

“Closing the US to Chinese Biotech Would Do Far More Harm Than Good,” *ChinaFile*, April 8, 2022. (co-authored with Abigail Coplin)

“Assessing China’s domestic hydropolitics,” *China and Transboundary Water Politics in Asia*. Hongzhou Zhang and Mingjiang Li, eds. Abingdon, U.K.: Routledge, 2018, 25-42.

SELECTED MEDIA APPEARANCES

“WuXi Waylaid,” *The Wire China*, August 25, 2024.

“How the push to limit Chinese biotech could threaten US edge,” *Axios*, February 12, 2024.

“The next front in the tech war with China,” *The Washington Post*, November 29, 2023.

“Foreign venture firms pull back from China’s biotech sector,” *Wall Street Journal*, September 14, 2023.

“China’s Role in the Global Energy Transition,” *My Climate Journey*, July 10, 2023.

“The State of China’s biotech industry,” *Council on Foreign Relations*, June 2, 2023.

“China is struck by floods and droughts – at the same time,” *The Economist*, July 1, 2024.

“How the World Bank’s new boss is navigating a clash over climate change,” *The Washington Post*, November 20, 2023.

“China’s new Great Wall,” *The Economist*, June 5, 2023.

“China is mobilizing science to spur development – and self-reliance,” *Nature*, March 21, 2023.

“U.S.-China rivalry may shape 2023 for the world,” *Bloomberg*, December 21, 2022.

“Where U.S.-China Competition Leaves Climate Change,” *The Atlantic*, November 21, 2022.

“Biden-Xi Summit,” *CNN*, October 2022.

SELECTED GRANTS (CURRENT AND RECENT)

- Carnegie Corporation of New York | \$65,000 | 2024 – 2025
- Office of the President, University of Pennsylvania | \$175,000 | 2025 – 2026
- Kleinman Center, University of Pennsylvania | \$25,000 total | 2024 – 2026
- Browne Center, University of Pennsylvania | \$7,000 | 2025 – 2026

SELECTED HONORS AND FELLOWSHIPS

- Wilson China Fellowship, Wilson Center | 2025
- Public Intellectuals Program, National Committee on U.S.–China Relations | 2019
- International Affairs Fellowship, Council on Foreign Relations | 2014
- Rhodes Scholarship, Oxford University | 2009
- Fulbright Fellowship, Peking University | 2008
- Harry S. Truman Scholarship | 2007

SELECTED INVITED TALKS

“China and the Geopolitics of Climate Change,” *21st Century China Center / School of Global Policy and Strategy*, University of California - San Diego, May 16, 2024.

“China’s Next Act,” *Ocean Reef Cultural Center*, March 22, 2024.

“The Climate Risk to China’s Rise: Political, Economic, and Ecological Implications of Extreme Weather in China,” *Fairbank Center for Chinese Studies, Harvard University*, October 30, 2023.

“The U.S. - China tech war,” *Danish Institute of International Studies*, September 6, 2023.

“The State of China’s biotech industry,” *Council on Foreign Relations*, June 2, 2023.

“U.S. - China Tech Competition: Has Democracy Met its Match? Climate, tech infrastructure, and political influence,” *Miller Center for Public Affairs, University of Virginia*, April 21, 2023.

“The Future of China as an Investible Market,” *Conference of Institutional Investors*, March 7, 2023.

“Has China Peaked? Probing the Implications of China’s Economic, Technological, and Ecological Challenges to Midcentury,” *Princeton University China Center*, February 23, 2023.

“The End of Growth and the Return of Ideology: Economics, Sustainability, and Technology in Xi Jinping’s China,” *George Washington University*, November 4, 2022.

“How Technology is Reshaping China’s Rise,” *U.S.-China Business Council*, October 13, 2022.

“China’s Next Act,” *Center for Strategic and International Studies*, September 23, 2022.

“How China is Disrupting the Tech World,” *Munk School, University of Toronto*, September 23, 2022.

“Global China: Assessing China’s technological reach in the world,” *Brookings Institution*, 2020.

TEACHING

- Energy Security and Geopolitics (UPenn, Fall 2025 – field study in Taiwan)
- Can China Stop Climate Change? (UPenn, Spring 2024)
- Politics of Science, Technology, and the Environment in China (UPenn, 2020–2021)
- Federalism and the Territorial Dimensions of Government (Oxford, 2011)

LANGUAGES

Mandarin Chinese – Reading, Writing, and Speaking