

Luke Sanford





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Education

- Expected 2020  **University of California San Diego.** Ph.D. International Affairs
Concentrations: Political Methodology, Political Economy of Natural Resources.
- 2017  **Political Science, School of Global Policy and Strategy, UCSD.** M.A.
Focus Areas: International Economics, China
- 2009  **BA Politics, Whitman College.** B.A.
Thesis: China's Olympic Trial: The Environmental Effects of the Beijing Olympic Games





Research

- Research Interests  Political Economy, Environment, Causal Inference, Remote Sensing, Machine Learning.
- Working Papers  Democratization, Elections, and Public Goods: The Troubling Evidence from Deforestation
-  Geographic Regression Discontinuities in panel data
-  Geospatial synthetic controls for impact evaluation

Research Publications

- 1 Sanford, L. & Burney, J. (2015). Cookstoves illustrate the need for a comprehensive carbon market. *Environmental Research Letters*, 10(8), 084026.
doi:10.1088/1748-9326/10/8/084026
- 2 Lautze, J., de Silva, S., Giordano, M., & Sanford, L. (2014). Water Governance. In J. Lautze (Ed.), *Key concepts in water resource management: a review and critical evaluation*. Earthscan water text. London ; New York: Routledge, Taylor & Francis Group.
- 3 Boelee, E., Atapattu, S., Amede, T., & Sanford, L. (2011). *Ecosystems for water and food security*. OCLC: 771993931. Nairobi: UNEP. March 16, 2018, 
http://www.iwmi.cgiar.org/Topics/Ecosystems/PDF/Background_Document-Ecosystems_for_Water_and_Food_Security_2011_UNEP-IWMI.pdf
- 4 Lautze, J., de Silva, S., Giordano, M., & Sanford, L. (2011, February). Putting the cart before the horse: Water governance and IWRM. *Natural Resources Forum*, 35(1), 1–8.
doi:10.1111/j.1477-8947.2010.01339.x
- 5 Molden, D., Lautze, J., Shah, T., Bin, D., Giordano, M., & Sanford, L. (2010, June). Governing to Grow Enough Food without Enough Water—Second Best Solutions Show the Way. *International Journal of Water Resources Development*, 26(2), 249–263.
doi:10.1080/07900621003655643

Grants and Awards

- 2018  Sanford Lakoff dissertation improvement grant
-  Grad SLAM public speaking semifinalist.
- 2015  Dean of Social Sciences fellowship recipient.
- 2014–2015  Boren Fellow. China.

Grants and Awards (continued)

- 2014 ■ GPS Dean's Fellow
- Robinson Research Fellow
- Doming Liu award for for Wisdom, Exuberance, Warmth, and Leadership.
- 2008 ■ Cross Examination Debate Association National Tournament: 5th place.

Teaching (School of Global Policy and Strategy)

- 2015–2017 ■ Math Skills for Graduate Students. Instructor of Record.
- 2015–2016 ■ Economic and Social Development of China. Naughton.
 International Politics and Security. Walter.
- 2016–2017 ■ Quantitative Methods 1: Statistics and Probability. Garg.
 Quantitative Methods 2: Regression Analysis. Burney.
 Quantitative Methods 3: Causal Inference. McIntosh.
- 2017–2018 ■ Advanced GIS and Remote Sensing. Goldblatt.

Conferences

- 2018 ■ “Democratization, Elections, and Public Goods: The Troubling Evidence from Deforestation” Paper presented at *Working Group on Africal Political Economy Annual Meeting* UCLA.
- 2017 ■ “Democratization, Elections, and Public Goods: The Troubling Evidence from Deforestation” Poster presented at *American Geophysical Union* New Orleans, LA. Media Coverage: <https://blogs.agu.org/geospace/2018/01/09/elections-may-catalyst-deforestation-new-research-suggests/>
- “Detecting Land-Use Change and On-Farm Investments at the Plot Scale” with Jen Burney and Ran Goldblatt. Poster presented at *American Geophysical Union* New Orleans, LA.
- “Mass Digitization of Chinese Court Decisions” with Molly Roberts, Rachel Stern, Ben Liebman. Paper presented at *American Political Science Association* San Francisco, CA
- “Measuring the Impact of Land Titling on Investment via Satellite” with Jen Burney and Ran Goldblatt. Paper presented at *CEGA Research Retreat* Berkeley, CA
- 2010 ■ “Water Governance in the Middle East North Africa Region: Applying a Multifaceted Benchmarking Approach.” Session: Climate Change and Environmental Conflict. *American Association of Geographers*. Seattle, WA
- “Water Governance Survey Results.” USAID MENA Benchmarking Conference, Amman, Jordan.

Service

- 2018 ■ Co-Chair, UCSD Political Science New Student Orientation
- 2017 ■ Co-Chair, UCSD Political Science Social Events
- Memberships: *American Political Science Association*, *American Geophysical Union*

Skills

- Languages ■ Strong reading, writing and speaking competencies for English, Mandarin Chinese, Spanish.
- Coding ■ Python, R, Stata, \LaTeX , JavaScript.

References available upon request.