

Tyler Harlan
Assistant Professor
Department of Urban & Environmental Studies
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APPOINTMENTS

- 2019– Assistant Professor of Environmental Studies
 Department of Urban & Environmental Studies
 Loyola Marymount University
- 2018–19 Atkinson Postdoctoral Fellow in Sustainability
 Atkinson Center for a Sustainable Future & Department of Global Development
 Cornell University

EDUCATION

- PhD Geography, University of California–Los Angeles, 2012–17
 Dissertation: *Low-Carbon Frontier: Small Hydropower and Logics of Green Development in China*
 Committee: Cindy Fan, Judith Carney, Eric Sheppard, Emily Yeh (CU-Boulder)
- MPhil Resource Management and Geography, University of Melbourne, 2007–09
 Thesis: *Entrepreneurship and Development in Urumqi, Xinjiang Uyghur Autonomous Region*
- BA Anthropology & Asian Studies, *summa cum laude*, Vanderbilt University, 2002–06

PUBLICATIONS

Peer Reviewed Journal Articles

- 2023 Hennig, T., **Harlan, T.**, Tilt, B., & Magee, D. Hydropower development in South Asia: Data challenges, new approaches, and implications for decision-making. Forthcoming with *WIREs Water*.
- 2022 **Harlan, T.** Low-carbon frontier: Renewable energy and the new resource boom in western China. *The China Quarterly*, First View: 1-20.
- Harlan, T.** & Hennig, T. From mountains to megaregions: A powershed analysis of the Third Pole hydropower boom. *Global Environmental Change* 73: 102483.

- Ptak, T., Crootof, A., **Harlan, T.**, & Kelly, S. Critically evaluating the purported global “boom” in small hydropower development through spatial and temporal analysis. *Renewable and Sustainable Energy Reviews* 163: 112490.
- 2021 **Harlan, T.**, Xu, R., & Jun, H. Is small hydropower beautiful? Social impacts of river fragmentation in China’s Red River basin. *Ambio* 50(2): 436-447.
- Harlan, T.** Green development or greenwashing? A political ecology perspective on China’s green Belt and Road. *Eurasian Geography and Economics* 62(2): 202-226.
- 2020 Oliveira, G., Murton, G., Ripa, A., **Harlan, T.**, & Yang, Y. China’s Belt and Road Initiative: Views from the ground. Introduction to the special issue. *Political Geography* 82: 102225.
- Harlan, T.** Conservation or decarbonization? Small hydropower and state logics of green development in China. *Annals of the American Association of Geographers* 110(5): 1464-1482.
- 2019 **Harlan, T.** State of sensitivity: Navigating fieldwork in an increasingly authoritarian China. *Made in China* 4(3): 116-119.
- 2018 **Harlan, T.** Rural utility to low-carbon industry: Small hydropower and the industrialization of renewable energy in China. *Geoforum* 95: 59-69.
- Hennig, T. & **Harlan, T.** Shades of green energy: Geographies of small hydropower in Yunnan, China and the challenges of over-development. *Global Environmental Change* 49: 116-128.
- 2017 **Harlan, T.** A “green” development model: Transnational model-making in China’s small hydropower training programmes. *Area Development and Policy* 2(3): 251-271.
- 2012 **Harlan, T.**, & Webber, M. New Uyghur corporate entrepreneurs in Urumqi, China. *Central Asian Survey* 31(2), 175-191.
- 2009 **Harlan, T.** Private sector development in Xinjiang, China: A comparison between Uyghur and Han. *Espace Populations Sociétés* 2009/3, 407-418.

Book Chapters

- 2021 **Harlan, T.** Green and pro-poor? Analyzing social benefits of small hydropower in Yunnan, China. In Rousseau, J-F. & Habich-Sobiegalla, S., eds., *The Political Economy of Hydropower in Southwest China and Beyond*. London: Palgrave-McMillan. Pp. 127-145.
- 2019 **Harlan, T.** & Park, J. Mapping urban governance: You-tien Hsing’s *The Great Urban Transformation*. In Leitner, H., Peck, J., & Sheppard, E., eds., *Urban Studies Inside-Out: Theory, Method, Practice*. Thousand Oaks, CA: Sage Publications. Pp. 165-174.

2016 **Harlan, T.** Fringe existence: Uyghur entrepreneurs and ethnic relations in urban Xinjiang. In Hillman, B. & Tuttle, G., eds., *Ethnic Conflict and Protest in Tibet and Xinjiang: Unrest in China's West*. New York: Columbia University Press. Pp. 179-200.

Under Review

Harlan, T. Low-carbon frontiers: Dispossession and peripheralization on the margins of the green economy. Under review with *Progress in Human Geography*.

Harlan, T., & Lu, J. The cooperation-infrastructure nexus: Translating the China model in Southeast Asia. Under review with *Singapore Journal of Tropical Geography*.

Harlan, T., Hennig, Tl, & Magee, D. Water-energy nexus geographies of the Himalaya hydropower boom: A novel application of the powershed framework. Under review with *WIREs Water*.

Zhu, A., Weins, N., Lu, J., **Harlan, T.**, Qian, J., & Barbi, F. China's nature-based solutions in the Global South: Evidence from Asia, Africa, and Latin America. Under review with *Global Environmental Change*.

In Preparation

Harlan, T., & Baka, J. Shared landscapes of energy transition. In preparation for *Energy Research and Social Science*.

Rodenbiker, J., Lu, J., & **Harlan, T.** China and the COP15 Global Biodiversity Framework: What kind of environmental leader?

Special Issues Edited

2020 Oliveira, G., Murton, G., Rippa, A., **Harlan, T.**, & Yang, Y. China's Belt and Road Initiative: Views from the ground. *Political Geography* 82.

Reports

2022 **Harlan, T. & Lu, J.** Green cooperation: Environmental governance and development aid on China's Belt and Road. Woodrow Wilson International Center for Scholars, Washington, D.C.

Public Scholarship

2021 Lu, J. & **Harlan, T.** COP15 in Kunming: A new role for China in global conservation? Wilson Center Asia Dispatches, 19 Oct.

GRANTS AND FELLOWSHIPS

External

- 2021 Wilson Center China Fellowship (US\$20,000)
- 2019 *Energy Research and Social Science* Conference Support Grant (US\$300)
- 2018 Cornell University Atkinson Center for a Sustainable Future Postdoctoral Fellowship (US\$160,000)
- University of Toronto Faculty of Arts & Science Postdoctoral Fellowship (declined) (CA\$40,000)
- 2017 Institute of Australian Geographers Postgraduate Travel Grant (AU\$200)
- Regional Studies Association Travel Grant (£500)
- 2016 NSF International Geographical Union Travel Grant (US\$1,500)
- 2015 United States Fulbright Fellowship, IIE (US\$25,000)
- Henry Luce Foundation ACLS Program in China Studies Summer Fellowship (US\$5,000)
- Foreign Language and Area Studies Fellowship in Indonesian (declined) (US\$8,000)
- 2014 Foreign Language and Area Studies Fellowship in Chinese, Academic Year (US\$18,000)
- 2013 U.S. State Department Critical Language Scholarship in Chinese (US\$8,000)
- Foreign Language and Area Studies Fellowship in Chinese, Summer (declined) (US\$8,000)
- 2007-08 Australia International Postgraduate Research Scholarship (AU\$20,000 + tuition)
- 2006 Rotary International Kirchner Scholarship (US\$18,000)
- Southeastern Conference H. Boyd McWhorter Student-Athlete Scholarship (US\$8,000)

University

- 2023 Loyola Marymount University (LMU) BCLA Research Account (\$US2,500)
- 2022 LMU Global Policy Institute Summer Fellowship (US\$5,000)
- 2021 LMU RAINS program (US\$1,750)
- LMU BCLA College Fellowship (US\$16,000)
- LMU Center for Asian Business Research Grant (US\$5,000)
- 2020 LMU BCLA Research Grant (US\$7,500)

- 2017 UCLA Dissertation Year Fellowship (US\$20,000 + tuition)
- 2016 UCLA Duthie-Secchia Fellowship for Research on Contemporary China (US\$5,000)
- 2015 UCLA Hiroshi Wagatsuma Graduate Fellowship (US\$8,000)
Foreign Language and Area Studies Fellowship in Indonesian (declined) (US\$8,000)
- 2014 UCLA Graduate Research Mentorship Fellowship (US\$20,000 + tuition)
UCLA International Institute Fieldwork Fellowship (US\$4,000)
UCLA Affiliates Graduate Fellowship (and 2013) (US\$5,000)
- 2013 UCLA Graduate Summer Research Mentorship Fellowship (US\$6,000)
UCLA International Institute Recruitment Fellowship (US\$5,000)

AWARDS

- 2023 LMU Ascending Scholar Award
LMU Bellarmine College Outstanding Advisor Award
LMU Global Engagement Vision Award
- 2018 Regional Studies Association Editor’s Pick Paper Recognition
- 2017 AAG Energy and Environment Specialty Group Earl Cook Student Paper Award
AAG China Geography Specialty Group Student Paper Award
AAG Asian Geography Specialty Group Student Paper Award
AAG Energy and Environment Specialty Group Fieldwork Award
AAG Asian Geography Specialty Group East Asia Travel Award
UCLA Political Sociology and the Global South Conference Best Paper Award
UCLA International Institute ‘Going Global’ Conference Best Paper Award
Institute of Australian Geographers Outstanding Postgraduate Student Presentation
- 2016 UCLA Collegium of University Teaching Fellows Award
Economic Geography Summer Institute, U. of Kentucky
- 2006 John T. and Lizzie Allen McGill Award for Leadership, Vanderbilt University
Scholar-Athlete of the Year, Vanderbilt University (and 2005)

INVITED TALKS

- 2022 The Rise of Green Cooperation in China's Belt and Road Initiative. [with Juliet Lu] Wilson Center China Fellows Conference, Washington D.C., USA (virtual presentation), February 14 & 16
- 2021 Policies for Small Hydropower Development: Navigating Opportunities and Challenges. 9th Hydropower for Today Forum, Hangzhou, China (virtual presentation), October 26-27
- The Cooperation-Infrastructure Nexus: Translating the 'China Model' into Southeast Asia. 3rd China Made Workshop, National University of Singapore (virtual presentation), May 17
- 2020 A 'Green' Belt and Road? Environmental Discourse and Infrastructure Realities in Laos and Myanmar. China in Asia Lecture Series, University of Oregon (virtual presentation), November 13
- A 'Green' Belt and Road? Environmental Discourse and Infrastructure Realities in Laos and Myanmar. BCLA Faculty Research Symposium, Loyola Marymount University (virtual presentation), November 6
- Renewable Energy and Extractive Infrastructure in Western China. 2nd China Made Workshop, University of Hong Kong, January 9
- 2019 Comparing Renewable Energy Development in Western China and the Western U.S. 3rd Think Tank Forum on Environment and Development, Chinese Academy of Sciences, Lanzhou, China, July 25
- Low-Carbon Frontier. Nature-Society Workshop, Penn State University, April 12
- A 'Green' Belt and Road? Environmental Discourse and Infrastructure Realities in Laos and Myanmar. The 3rd Yale Symposium on the Impact of Chinese Overseas Investment: Greening the Belt and Road, Yale University, January 25
- 2018 Conservation or Decarbonization? Small Hydropower and Logics of Green Development in China. Department of Development Sociology, Cornell University, November 30
- Logics of Green Development: Small Hydropower and the State in West China. Center for Asian Studies, University of Colorado-Boulder, March 13
- 2017 Small Hydropower and the Low-Carbon Frontier in China. Department of Asian and International Studies, City University of Hong Kong, December 4
- Small Hydropower and the Low-Carbon Frontier in China. Department of Urban and Environmental Studies, Loyola Marymount University, November 30
- Logics of Green Development: Small Hydropower and the State in West China. Department of Geography, Mount Holyoke College, November 17

Small Hydropower and the Low-Carbon Frontier in China. Harvard-China Project on Energy, Economy, & Environment, Harvard University, November 15

Small Hydropower and the Low-Carbon Frontier in China. Urban China Seminar, Department of Urban Studies and Planning, Massachusetts Institute of Technology, November 14

A ‘Green’ Development Model: Transnational Model-Making in China’s Small Hydropower Training Programs. Department of Geography, National Taiwan University, November 9

Transnational Model-Making in China’s Small Hydropower Training Programs. Department of International Relations, Tsinghua University, November 1

2015 California Water Policy and Management. Department of Environmental Sciences, Peking University, September 3

CONFERENCE PRESENTATIONS

Sessions Organized

2023 China’s Green Soft Power: Discourses, Policies, Practices (with J. Lu, co-organizer and A. Wang and Y. Li, discussants). Association for Asian Studies, Boston, USA, February 17-18 and March 16-19

2021 Nature, Economy, Space: Furthering an “Epistemic Project” for Environmental Economic Geography (with C. Beer, co-organizer). American Association of Geographers, Seattle, USA (virtual meeting), April 7-11

2019 Frontiers of Rent and Rentiership in the Green Economy (with S. Knuth, co-organizer and J. McCarthy and A. Loftus, discussants). American Association of Geographers, Washington DC, USA, April 3-7

A Green Belt and Road? Environmental Aspects of Chinese Outbound Investment (with A. Wang, co-organizer and K. Kuo, K. Gallagher, & D. Magee, discussants). Association for Asian Studies, Denver, USA, March 21-24

2018 China’s Belt and Road Initiative: Views from the Ground (with G. Murton, G. Oliveira, A. Rippa, and Y. Yang, co-organizers). American Association of Geographers, New Orleans, USA, April 10-14

2017 Manufacturing the China Model: Politics, Practices, and Outcomes (with J-C. Chen, co-organizer and A. Boland, discussant). American Association of Geographers, Boston, USA, April 5-9

Infrastructures of Climate Governance (with S. Webber, co-organizer and L. Johnson and G. Simon, discussants). American Association of Geographers, Boston, USA, April 5-9

2016 Rural Agency in the ‘Green Economy’ (with S. Kennedy, co-organizer and J. Baka and M. Montefrio, discussants). American Association of Geographers, San Francisco, USA, March 29-April 2

Papers Presented

2023 China’s Nature-Based Solutions in the Global South: Evidence from Asia, Africa, and Latin America. Association for Asian Studies, Boston, USA, February 17-18 and March 16-19

2022 From Mountains to Megaregions: A Powershed Analysis of the Third Pole Hydropower Boom. American Association of Geographers, New York, USA (virtual meeting), February 25-March 1

Shared Energy Landscapes of Low-Carbon Transition. Energy and Environment Specialty Group of the American Association of Geographers Pre-Conference, New York, USA (virtual meeting), January 29

2021 From Conventional to Renewable: The Discursive Politics of Hydropower’s “Renewability” in the Current Energy Transition. American Association of Geographers, Seattle, USA (virtual meeting), April 7-11

2019 Low-Carbon Frontier: Towards a Relational Geography of Energy Transitions. 2nd International Conference on Energy and Society in Transition, Phoenix, USA, May 28-31

Low-Carbon Frontier: Towards a Relational Geography of Energy Transitions. American Association of Geographers, Washington D.C., USA, April 3-7

A Green Belt and Road? Environmental Discourse and Infrastructure Realities in Laos and Myanmar. Association for Asian Studies, Denver, USA, March 21-24

Conservation or Decarbonization? Small Hydropower and Logics of Green Development in China. Dimensions of Political Ecology, Lexington KY, USA, February 21-23

2018 A ‘Green’ Belt and Road? Small Hydropower and Large Dams on China’s Southwestern Borderlands. Asia Borderlands Research Network, Bishkek, Kyrgyzstan, August 13-15.

Low-Carbon Frontiers. Global Conference on Economic Geography, Cologne, Germany, July 24-28.

Rural Utility to Green Industry: Small Hydropower and the Industrialization of Renewable Energy in China. Sustainable Energy Transitions Initiative, Durham NC, USA, May 15-17

Logics of Green Development on China’s ‘Frontier’. American Association of Geographers, New Orleans, USA, April 10-14

A 'Green' Belt and Road? Small Hydropower and Large Dams on China's Southwestern Borderlands. Association for Asian Studies, Washington D.C., USA, March 22-25

Is Small Beautiful? Models of Pro-Poor Small Hydropower Development in Xinping, China. Eradicating Poverty through Energy Innovation, Phoenix, USA, February 12-14

2017 Small Hydropower and the Low-Carbon Frontier in China. Institute of Australian Geographers, Brisbane, Australia, July 11-14

A 'Green' Development Model: Transnational Model-Making in China's Small Hydropower Training Programs. UCLA International Institute 'Going Global' Conference, Los Angeles, USA, April 21

Small Hydropower and the Low-Carbon Frontier in China. American Association of Geographers, Boston, USA, April 5-9

2016 Small Hydropower and the Making of China's Rural Green Development Model. International Geographical Congress, Beijing, China, August 21-25

Green Development or Green Production? Contradictions in China's Small Hydropower Industry. American Association of Geographers, San Francisco, USA, March 29-April 2

Fueling Ecological Civilization: Small Hydropower and the Vocabulary of Rural Green Production in China. 'E is for Environment' Graduate Symposium, Madison, Wisconsin, USA, March 4-6

2014 From Periphery to Best Practice: Globalizing China's 'Ecological Civilization'. American Association of Geographers, Tampa, Florida, USA, April 8-12

2013 Cross Border Trade and Ethnic Relations in Xinjiang. China and the Global Political Economy Conference, Eugene, Oregon, USA, April 14-15

Fringe Existence: Uyghur Entrepreneurs and Ethnic Relations in Urban Xinjiang. American Association of Geographers, Los Angeles, USA, April 9-13

Fringe Existence: Uyghur Entrepreneurs and Ethnic Relations in Urban Xinjiang. Workshop on Ethnic Conflict in Western China, San Diego, USA, March 21-22

2009 Uyghur Business and Economic Development in Urumqi, Xinjiang. American Association of Geographers, Las Vegas, USA, March 22-27

Invited Panelist / Discussant

2021 Conceptualizing the "Belt and Road Initiative" and its Effects. University of Toronto (virtual workshop), June 14-16

2020 The Environmental State. American Association of Geographers (virtual meeting), April 6-10

2019 Conducting Fieldwork in China. American Association of Geographers,
Washington D.C., USA, April 3-7

TEACHING/ADVISING

Loyola Marymount University

Instructor of Record and Course Designer

2023 Introduction to Geographic Information Systems (and 2022, 2021, 2020, 2019)

2022 Introduction to Environmental Studies (and 2021, 2020, 2019)

2021 International Environmental Policy (and 2020)

Advising Responsibilities

2020- Advised average of 31 Environmental Studies majors/minors each semester.
Received Bellarmine College Outstanding Advisor Award in 2023.

UCLA

Instructor of Record and Course Designer

2016 Mapping What We Eat: Geographies of the World Food Economy

2016 Greening China's Environment: Policy, Politics, and Sustainable Development

Teaching Assistant

2017 Introduction to Geographic Information Systems (and 2016)

2015 Environment and Sustainability: Ecology, Food, and Water

2014 Environment and Sustainability: Climate and Energy

University of Melbourne

Teaching Assistant

2009 Urban Environments

2008 Self and Other

2008 Consuming Culture and Society

2007 Development and the Third World

UNIVERSITY AND PROFESSIONAL SERVICE

Reviewer

- 2023 *Area Development and Policy; The China Quarterly; Journal of Environment and Development; World Development; Dutch Research Council proposal reviewer*
- 2022 *Annals of the American Association of Geographers; Energy; Eurasian Geography and Economics; Environment and Planning A; Frontiers in Ecology and Evolution; Journal of Contemporary Asia; Mitigation & Adaptation Strategies for Global Change; Sociology of Development; NSF Human-Environment and Geographical Sciences Program proposal reviewer*
- 2021 *Clean Energy; Environmental Politics; Eurasian Geography and Economics; Geography Compass; Political Geography; World Development*
- 2020 *Annals of the American Association of Geographers; Area Development and Policy; Ecology and Society; Energy Policy; Energy Research and Social Science; Geopolitics; Territory, Politics, Governance; Cornell Atkinson Center for a Sustainable Future Faculty Development Grant proposal reviewer*
- 2019 *Energy Policy; Energy Research and Social Science; Environment and Society: Advances in Research; Geoforum; Global Environmental Change; Globalizations*
- 2018 *Energy Research and Social Science; Geoforum; Political Geography*
- 2017 *Pacific Affairs; World Development*
- 2016 *Political Geography*

To University

- 2023- Advisor, LMU Global-Local Affairs
- 2023- Member, LMU Institute for Business Ethics and Sustainability Advisory Group
- 2022- Member, LMU Environmental Science Program Advisory Group
- 2021- Member, LMU Faculty Library Committee
- 2020- Faculty Advisor, Herbicide-Free LMU
- 2020- Reviewer, LMU student Fulbright applications

To College

- 2022- Member, LMU Bellarmine College Council
- 2022- Member, LMU Bellarmine College Elections Committee
- 2021-22 Member, Hiring Committee, LMU Dept. of Asian and Asian-American Studies

To Department

- 2022-23 Chair, Hiring Committee
- 2021- Member, Program Review Committee
- 2020- Department Representative, prospective and admitted student events
- 2013-15 Faculty-Student Representative (2013-14) and Curriculum Reform Graduate Representative (2014-15), UCLA Geography Graduate Students Association

VISITING APPOINTMENTS

- 2015-16 Visiting scholar, Department of International Relations, Tsinghua University
- 2014 Visiting researcher, Global Environmental Institute, Beijing

PROFESSIONAL AFFILIATIONS

- 2013– American Association of Geographers (Specialty Groups: China Geography, Cultural and Political Ecology, Economic Geography, Energy and Environment)
- 2016– Regional Studies Association
- 2017– Institute of Australian Geographers
- 2017– Association for Asian Studies
- 2019– China Made Program

PROFESSIONAL EXPERIENCE

- 2010-2012 **Asialink Institute**, Manager, Policy and Strategy
Melbourne, Australia
Led policy development and organizational strategy for a leading institute promoting Australia's ties with Asia. Managed research for national strategy for Asia capabilities that received AU\$36m in Federal Government funding.
- 2009-2010 **Department of Planning and Community Development**, Policy Officer
Melbourne, Australia
Provided research and project management support for the state government's regional development policy focusing on land use, water, energy and community development in disadvantaged areas.

LANGUAGES AND SKILLS

Mandarin Chinese (proficiency in speaking, reading, writing)

Geographic Information Systems (ArcGIS, QGIS)

Quantitative Research Software (SPSS)