

# NATHANIEL DOLTON-THORNTON

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## EDUCATION

<b>University of California, Berkeley</b> (Berkeley, CA) <i>PhD Energy and Resources</i> National Science Foundation Graduate Research Fellowship, US Department of Education Foreign Language and Area Studies Fellowship, Rausser Award	<b>2023–Present</b>
<b>National Taiwan University</b> (Taipei) <i>International Chinese Language Program</i> Blakemore Freeman Fellow	<b>2021–2022</b>
<b>University of Oxford</b> (Oxford, UK) <i>MSt Critical Translation (Chinese, Spanish)</i> Marshall Scholar	<b>2019–2020</b>
<b>University of Cambridge</b> (Cambridge, UK) <i>MPhil Geographical Research</i> Marshall Scholar	<b>2018–2019</b>
<b>University of California, Berkeley</b> (Berkeley, CA) <i>BS Environmental Science, Policy, and Management</i> Highest Distinction, Honors, Phi Beta Kappa, University Award nominee	<b>2014–2016</b>

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## EXPERIENCE

<b>Non-Resident Junior Research Fellow</b> <i>Climate Policy Lab, The Fletcher School, Tufts University</i> Lead research on the social, political, and environmental aspects of critical mineral supply chains for energy transitions, with a focus on China, Latin America, and Africa. Lead related research on the social, political, and environmental implications of electric vehicles.	<b>Aug. 2023–Present</b>
<b>Assistant Researcher</b> <i>Climate Policy Lab, The Fletcher School, Tufts University</i> Lead research on the social, political, and environmental aspects of critical mineral supply chains for energy transitions, with a focus on China, Latin America, and Africa. Lead related research on the social, political, and environmental impacts of the international trade of used electric vehicles. Collaborating with in-country climate policy	<b>Jan.–Aug. 2023</b>

experts and government officials, conduct climate policy gap analyses of Mexico, Colombia, Brazil, Vietnam, and Indonesia. As part of climate policy gap analyses, interface with climate policy experts and government officials in Ethiopia, Kenya, South Africa, and Turkey.

**Research and Editorial Assistant**

**Oct. 2022–Present**

*University of Cambridge*

Assist Dr. Elia Apostolopoulou, Prince of Wales Global Sustainability Fellow at the University of Cambridge, with the development of an edited volume on the social and environmental impacts of China's Belt and Road Initiative.

**Environmental Journalist**

**Sep. 2015–Present**

Identify and report environmental stories on a contract basis for publications such as *Orion*, *The Conversation*, *Earth Island Journal*, and *Bay Nature*.

**Research Assistant**

**Jan. 2021–Jan. 2023**

*California-China Climate Institute, University of California, Berkeley*

Authored articles on climate policies, projects, and initiatives in China, Latin America, and the US. Conducted relevant research in English and Chinese.

**Coder**

**Jun. 2020–Jan. 2023**

*Oxford Coronavirus Government Response Tracker*

Serve as coder for a University of Oxford research team developing a COVID-19 government response tracker. Covered in outlets such as the *Financial Times*, *Wall Street Journal*, *New York Times*, and *BBC*.

**Education Specialist (Environmental Justice)**

**Mar. 2017–Aug. 2018**

*Department of Natural Resources and Parks, King County, Washington*

Served as King County Department of Natural Resources and Parks' first education specialist focused on environmental justice. Collaborated with community groups, government agencies, nongovernmental organizations, and private industry to co-create contextually appropriate environmental solutions. Organized and led multilingual conferences and other events on diverse environmental topics. Wrote articles, field guides, brochures, technical documents, and social media content in English, Spanish, and Chinese.

**Reader**

**Sep.–Dec. 2015**

*Environmental Biology Course, University of California, Berkeley*

Edited and graded student research papers for Prof. Ignacio Chapela's ESPM 6: Environmental Biology course. Co-designed grading criteria for students.

**Reporting Intern**

**Jun.–Sep. 2015**

*Bay Nature Institute*

Identified and reported short- and long-form environmental stories for Bay Nature Institute's print and online publications. Met weekly with Bay Nature's Editorial Director to pitch, analyze, and edit stories; study model pieces; and consult other professional writers and editors.

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## SELECT PUBLICATIONS

### Peer-Reviewed Articles

"Rewilding and re peopling in Scotland: Large-scale land managers' perspectives and practices." *Journal of Rural Studies* 86 (August 2021).

<https://doi.org/10.1016/j.jrurstud.2021.05.010>

"How should policy respond to land abandonment in Europe?" *Land Use Policy* 102 (March 2021). <https://doi.org/10.1016/j.landusepol.2020.105269>

"Lessons from Scotland's rewilding vs. re peopling debate." *ECOS* 42 (1) (2021).

<https://www.ecos.org.uk/postgraduate-highly-commended-lessons-from-scotlands-rewilding-vs-repeopling-debate/>

### Policy Articles

Zdenka Myslikova, **Nathaniel Dolton-Thornton**. "Chile's Energy Innovation Landscape." Climate Policy Lab (October 2023).

**Nathaniel Dolton-Thornton**, Zdenka Myslikova. "Brazil's Energy Innovation Landscape." Climate Policy Lab (October 2023).

Jessica Gordon, **Nathaniel Dolton-Thornton**, Louise Bedsworth, Michelle Passero, Fan Dai, Jennifer Perron, Jane Sadler. "Achieving a Multi-Beneficial Nature-Based Climate Strategy: An Institutional Framework for Advancing Subnational Climate Action." *California-China Climate Institute & The Nature Conservancy* (June 2022).

### Print Magazine Articles

"Power to the People: Scotland's clean energy future is community owned. Can the United States follow suit?" *Earth Island Journal* (spring 2021).

"The Elem Tribe's Last Stand." *Earth Island Journal* (winter 2019). (Source for The Metropolitan Museum of Modern Art's exhibition "Jules Tavernier and the Elem Pomo.")

"Review: *No One Is Too Small to Make a Difference*, by Greta Thunberg." *Orion* (winter 2019).

"Scorched Earth: The Trump Administration's Public Lands Policies." *The Tortoise: Issue 6* (2017).

"The Great Ladybug Convergence." *Bay Nature* (January 2016).

"Ear to the Ground: Harmful Algal Blooms." *Bay Nature* (October 2015).

### Web-Based Magazine Articles

Zdenka Myslikova, **Nathaniel Dolton-Thornton**. "'Global China' is a big part of Latin America's renewable energy boom, but homegrown industries and 'frugal innovation' are key." *The Conversation* (July 5, 2023).

"Critical minerals, geopolitics, and the risks for achieving net-zero transition." Climate Policy

Lab (May 1, 2023).

"Q&A with the Proprietor of the 'Ladybug Hotel.'" *baynature.org* (2015).

"The Peninsula Watershed: To Open, Or Not To Open?" *baynature.org* (2015).

"Q&A: The Unseen Peninsula's Private Photographer." *baynature.org* (2015).

### **Edited Articles**

Sairambay, Y., Kamza, A., Kap, Y., & Nurumov, B. "Monitoring public electoral sentiment through online comments in the news media: a comparative study of the 2019 and 2022 presidential elections in Kazakhstan." *Media Asia* (July 3, 2023).

Sairambay, Y. "Transitional Justice and Democratic Consolidation in the Post-Communist Space: A Comparative Review of the Czech Republic, Latvia and Slovakia." *Politics in Central Europe*. 17 (1) (2021): 127-142.

Öhman, C. "A theory of temporal telepresence: Reconsidering the digital time collapse." *Time & Society* (July 21, 2020).

Sairambay, Y. "Reconceptualising political participation." *Human Affairs* 30, no. 1 (2020): 120-127.

Sairambay, Y. "Young People's Perspectives on How 'Zhuz' and 'Ru' Clans Affect Them: Evidence From Three Cities in Post-Soviet Qazaqstan." *Studies of Transition States and Societies*. 11, no. 11 (2019): 39-54.

Öhman, C. "The Political Economy of Death in the Age of Information: A Critical Approach to the Digital Afterlife Industry." Oxford Internet Institute (2016).

### **Research Assistance**

University of Nottingham Rights Lab. "The Slavery-Free Campus: A blueprint for university action against modern slavery." July 2021.

### **Reviews**

*Land Use Policy*

*Environmental Science & Policy*

*Environment and Planning D: Society and Space*

*Habitat International*

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### AWARDS

#### **National Science Foundation Graduate Research Fellowship. 2023–2028.**

"A prestigious grant awarded annually by the National Science Foundation to approximately 2,000 students pursuing research-based master's and doctoral degrees in the natural, social, and engineering sciences at US institutions." \$111,000 (\$37,000/year for three years).

#### **Berkeley Economy and Society Initiative 2023–2024 Political Economy Research Award. 2024.**

Provides research grants from the Berkeley Economy and Society Initiative (BESI) for students enrolled in the Designated Emphasis in Political Economy at UC Berkeley.

\$5,000.

**Tinker Field Research Grant.** 2024.

Provides “support to graduate students in U.S. universities to conduct pre-dissertation or master’s thesis research in the Spanish- and Portuguese-speaking countries of Latin America.” \$3,500.

**Institute of International Studies Pre-Dissertation Research Grant, UC Berkeley.** 2024.

Supports fieldwork by UC Berkeley graduate students who have not yet advanced to candidacy, particularly students with projects “clearly focused on international studies.” \$3,420.

**American Association of Geographers Latin America Specialty Group Field Study Award.** 2024.

Award “supports fieldwork travel and expenses.” \$400.

**Foreign Language and Area Studies Fellowship.** 2023–2024.

Provides “funding for students to learn modern foreign languages and related area or international studies at institutions of higher education.” \$20,000.

**Rausser Award.** 2023–2024.

Granted by the Energy and Resources Group, University of California, Berkeley. \$14,000.

**Gates Cambridge Scholarship.** 2023–2027.

“An international postgraduate award for students to study at the University of Cambridge. The scholarship is one of the most competitive and prestigious in the world, with around 1.3% of applicants receiving an award in recent years.” [Declined.]

**Cambridge International Scholarship.** 2023–2027.

“The aim of the Cambridge International Scholarships . . . is to ensure that the highest scored students, irrespective of nationality, receive full financial support to undertake PhD studies.” [Declined.]

**Blakemore Freeman Fellowship.** 2021–2022.

Awarded by the Blakemore and Freeman Foundations to finance “one academic year of advanced level language study” at National Taiwan University’s International Chinese Language Program. \$28,000.

**National Bureau of Asian Research Chinese Language Fellowship Program.** 2021–2022.

Provides “fellowships of up to \$50,000 for American graduate students (PhD and current or recent MA) so that they can devote one year to intensive Chinese language training at an institution of the fellow’s choice, generally in China or Taiwan.” [Declined.]

**UNSW Press/Bragg Prize for Science Writing.** 2021.

“*Aplonis fusca*” nominated by *Griffith Review* for the prize and inclusion in *The Best Australian Science Writing 2021*.

**Marshall Scholarship.** 2018–2020.

Created by the Parliament of the United Kingdom to “finance young Americans of high ability to study for a degree in the United Kingdom.” “With nearly 1,000 university-endorsed and selected applicants in recent years, it is among the most selective graduate scholarships for Americans.”

**ECOS Postgraduate Student Essay Prize.** 2020.

Highly commended “Lessons from Scotland’s rewilding vs. re-peopling debate.”

## San Francisco Press Club's Greater Bay Area Journalism Award. 2019.

Awarded to "The Elem Tribe's Last Stand" in category "Magazine/Trade Publications: Environment/Nature Report."

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### ASSOCIATIONS

Rhodes Scholarship Selection Committee, UC Berkeley	Aug. 2024–Present
Marshall Scholarship Selection Committee, UC Berkeley	Aug. 2024–Present
Value and Nature Reading Group, UC Berkeley (Organizer)	Feb. 2024–Present
Industrial Policy Working Group, UC Berkeley	Feb. 2024–Present
Student Action Committee for Equity and Inclusion, ERG, UC Berkeley	Jan. 2024–Present
Conference of Latin American Geography	Dec. 2023–Present
Society for Social Studies of Science	Nov. 2023–Present
Berkeley Economy and Society Initiative, UC Berkeley	Sep. 2023–Present
Political Economy Designated Emphasis, UC Berkeley	Sep. 2023–Present
Klinger Lab (Prof. Julie Klinger), University of Delaware	Sep. 2023–Present
Land Lab (Prof. Nancy Lee Peluso), UC Berkeley	Sep. 2023–Present
Climate Futures Lab (Prof. Meg Mills-Novoa), UC Berkeley	Sep. 2023–Present
Royal Geographical Society	Oct. 2022–Present
Red Académica de América Latina y el Caribe sobre China (The Latin American and the Caribbean Academic Network on China)	Sep. 2022–Present
American Association of Geographers	Sep. 2022–Present
Political Ecology Network	Feb. 2018–Present
British Ecological Society	Apr. 2019–Dec. 2022
Oxford School of Climate Change, University of Oxford	Jan.–Aug. 2019
Political Ecology Group, University of Cambridge	Oct. 2018–Aug. 2019
Radical Geographies Group, University of Cambridge	Oct. 2018–Aug. 2019

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### SELECT PRESENTATIONS

"The politics of price formation for critical minerals." Socio-Spatial Climate Collaborative and Climate Futures Lab Conference, University of California, Berkeley. May 3, 2024.

"Beyond extraction: The upstream sociopolitical, economic, and environmental dynamics of critical mineral supply chains." Climate Futures Lab, University of California, Berkeley. February 29, 2024.

"Skills Workshop: Journalism for Climate Researchers." Climate Policy Lab, The Fletcher School, Tufts University. July 11, 2023.

"Rewilding vs. Repeopling: Land Ownership, Conservation, and Community in the Highlands of Scotland." MPhil Lecture Series: Geography Department, University of Cambridge. May 2, 2019.

"Lessons From Scotland's 'Rewilding vs. Repeopling' Debate." Graduate Lecture Series: Emmanuel College, University of Cambridge. April 18, 2019.

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SKILLS

**Computer:** ArcGIS, Stata, NVivo, Covidence, Rayyan, Tableau, GitHub, Tower, Adobe (InDesign, Illustrator, Photoshop), Microsoft Excel

**Languages:** Mandarin Chinese (HSK 5 – proficient), Spanish (proficient)