

Cecilia Han Springer

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EDUCATION	<i>Ph.D., Energy and Resources</i> University of California, Berkeley	May 2016 - May 2019 (expected)
	<i>M.S., Energy and Resources</i> University of California, Berkeley	August 2014 - May 2016
	<i>B.S., Environmental Science</i> Brown University	August 2007 - May 2011
PROFESSIONAL EXPERIENCE	<i>Consultant</i> Global Efficiency Intelligence, San Francisco, CA	August 2017 - Present
	<i>Research Affiliate</i> China Energy Group, Lawrence Berkeley National Laboratory, Berkeley, CA	June 2015 - Present
	<i>Senior Associate</i> Climate Advisers, Washington, DC	August 2012 - August 2014
	<i>Fulbright Research Fellow</i> U.S. Department of State, Tianjin, China	August 2011 - July 2012
FELLOWSHIPS AND GRANTS	<i>Pamela and Kenneth Fong Graduate Student Fellowship</i> Center for Chinese Studies, University of California, Berkeley	Awarded June 2018
	<i>East Asia and Pacific Summer Institute Fellowship</i> National Science Foundation	Awarded May 2017
	<i>Expanding Potential in STEM Diversity Seed Award</i> Synberc, University of California, Berkeley	Awarded May 2015
	<i>Systems Approach to Green Energy Fellowship</i> Berkeley Center for Green Chemistry, University of California, Berkeley	Awarded December 2014
	<i>Graduate Research Fellowship</i> National Science Foundation	Awarded August 2014
JOURNAL PUBLICATIONS	Springer, C., Evans, S., Lin, J., and Roland-Holst, D. Low Carbon Transition and Sustained Growth in China: The Role of Emissions Trading. <i>Applied Energy</i> Special Issue on Emissions Trading Systems for Global Low Carbon Energy and Economic Transformation (under review).	
	Hai, H., Roland-Holst, D., Springer, C., and Wang, C. Emissions Trading Systems and Social Equity: A CGE Assessment for China. <i>Applied Energy</i> (under review).	
	Moore, F., Rising, J., Lollo, N., Springer, C., Vasquez, V., Dolginow, A., Hope, C.,	

and Anthoff, D. (2018). Mimi-PAGE, an open-source implementation of the PAGE09 integrated assessment model. *Nature Scientific Data* (accepted, forthcoming).

Springer, C. (2018). Assessing Energy Intensity and Retrofit Opportunities for the Aluminum Industry: Lessons from Vietnam. *Resources, Conservation, and Recycling* 131: 235-246.

Caprotti, F., Springer, C., and Harmer, N. (2015). Eco for whom? Envisioning eco-urbanism in the Sino-Singapore Tianjin Eco-City, China. *International Journal of Urban and Regional Research* 39(3): 495-517. (selected as one of the most significant papers of the past 40 years for the 40th Anniversary issue of IJURR, 2017)

Springer, C., Dere, E., Hall, S. et al. (2012). Rodent thyroid, liver, and fetal testis toxicity of the monoester metabolite of bis-(2-ethylhexyl) tetrabromophthalate (tbph), a novel brominated flame retardant present in indoor dust. *Environmental Health Perspectives* 120(12): 1711-1719.

Reviewer for: *Resources, Conservation, and Recycling; Sustainable Cities and Society; Advances in Climate Change Research*; 20th Annual Conference on Global Economic Analysis

BOOK CHAPTERS

Springer, C. (2018). "Energy Entanglement: New Directions for the China-Indonesia Coal Relationship," in *In China's Backyard: Policies and Politics of Chinese Resource Investments in Southeast Asia*, Jason Morris-Jung (ed.), Singapore: Institute for Southeast Asian Studies Press.

Purvis, N., Springer, C., and Grausz, S. (2016). "The New U.S. Domestic Climate and Clean Energy Agenda," in *The EU, the US, and Global Climate Governance*, Christine Bakker and Francesco Francioni (eds.), London: Routledge.

WHITE PAPERS

Springer, C. and Hasanbeigi, A. (2017). Emerging Energy Efficiency and Carbon Dioxide Emissions-Reduction Technologies for the Glass Industry. Lawrence Berkeley National Laboratory report.

Springer, C. and Hasanbeigi, A. (2016). Emerging Energy Efficiency and Carbon Dioxide Emissions-Reduction Technologies for Industrial Production of Aluminum. Lawrence Berkeley National Laboratory report.

Roland-Holst, D., Behnke, D., Evans, S., Springer, C., and Heft-Neal, S. (2016). Senate Bill 350 Study - The Impacts of a Regional ISO-Operated Power Market in California: Economic Impact Analysis. Berkeley Economic Advising and Research, Berkeley, CA.

Purvis, N., Jones, A., and Springer, C. (2014). Retrofitting Coal-Fired Power Plants in Middle-Income Countries: What Role for the World Bank? The Brookings Institution, Washington, DC.

Springer, C., Ogden, P., Purvis, N., and Dahl-Jorgensen, A. (2014). Accelerating Global Vehicle Efficiency. Center for American Progress, Washington, DC.

Jones, A., Purvis, N., and Springer, C. (2013). Trading Up: The Case for an International Carbon Market Reserve to Reduce Volatility at the Limits in 2020 and Beyond. The Brookings Institution, Washington, DC.

Purvis, N., Wolosin, M., and Springer, C. (2013). Breaking the Link Between Commodities and Climate Change. Climate Advisers, Washington, DC.

CONFERENCES AND PRESENTATIONS 2018: Data and Environmental Governance in China, 6th International Association of Energy Economics Asia Conference, 21st Annual Conference on Global Economic Analysis (invited), International Conference on Resource Sustainability (invited)

2017: International Association of Energy Economics Annual Conference, China Environmental Scholars Forum (invited)

2016: Central Asian Regional Modeling Analysis Workshop, Chinese Resource and Infrastructure Investments in Southeast Asia Workshop

2015: Writers' Workshop on Chinese Natural Resource Extraction in Southeast Asia, Annual Vietnam Forum (invited), Synberc Expanding Potential Conference

TEACHING *Graduate Student Instructor, Energy and Society (ER200)* Summer 2016
University of California, Berkeley

Facilitator, Data and Diversity (ER199) Fall 2015
University of California, Berkeley

OTHER AFFILIATIONS *Visiting Researcher* June 2017 - August 2017
Tsinghua University, Institute for Energy, Environment, & Economy, Beijing, China

Visiting Researcher August 2015
Institute of Southeast Asian Studies - Yusof Ishak Institute, Singapore

Liaison January 2015 - January 2016
Berkeley Energy and Resources Collaborative

Student Representative August 2014 - present
Energy and Resources Group Student Diversity Committee

SKILLS *Programming Languages:* R, Julia, GAMS
Languages: Mandarin (advanced), Cantonese (basic)
Martial arts instructor and student