

Andrew Hobbs

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Education

Ph.D. Agricultural and Resource Economics , <i>University of California, Davis</i>	2015-2020
– Fields: Development Economics, Environmental Economics.	
– Referee: American Journal of Agricultural Economics, Journal of Development Studies.	
– Member of Partnership for AI working group on AI for Global Food Security.	
M.A. Economics , <i>University of British Columbia</i>	2010
Honors B.S. Economics, B.A. International Studies , <i>University of Utah</i>	2009

Employment

Assistant Professor , <i>Economics, University of San Francisco</i>	2020-Present
Graduate Student Researcher , <i>University of California, Davis</i>	2016-2020
Graduate Student Instructor , <i>University of California, Davis</i>	2016
Analyst , <i>Climate Policy Initiative</i>	2010-2016

Research in Progress

"Mirare: a livestock market for Northern Kenya" *with Watson Lepariyo and Shikhar Mehra, funded by a grant from the UC Davis Blum Center for Developing Economies.*

"Computer Vision for Drought Resilience"

"Do Droughts Drive Deforestation? Evidence From Mozambique"

"Combining index-based livestock insurance with a poverty graduation program in Kenya" *with Michael Carter, Andrew Mude, Nathan Jensen, and Nobu Ikegami*

Publications

Satellite-based Prediction of Forage Conditions for Livestock in Northern Kenya. *Published as a conference paper at International Conference on Learning Representations (ICLR) 2020.* with Stacey Svetlichnaya

Gender Differences in Authorship of Clinical Problem-solving Articles. *forthcoming, Journal of Hospital Medicine.* with Elizabeth Adler, Jennifer Babik, and Gurpreet Dhaliwal

"Challenges and Opportunities for Efficient Land Use in Mozambique: Taxes, Financing, and Infrastructure" (2016). *Climate Policy Initiative.* with Amanda de Albuquerque

"The California Carbon Dashboard." (2013). *Climate Policy Initiative.* Interactive Website.

"Improving Solar Policy: Lessons from the solar leasing boom in California." (2013). *Climate Policy Initiative.* with Elinor Benami, Brendan Pierpont, and Uday Varadarajan.

"Building Energy Efficiency in China, Germany, and the United States." (2012). *Climate Policy Initiative.* with Hermann Amecke, Aleksandra Novikova, Yang Xiu, and Shengyuan Zhang.

"Clearing the Air: Carbon Pricing and Local Air Pollution in California." (2012). *Climate Policy Initiative.* with Kath Rowley.

"Codes to Cleaner Buildings: Effectiveness of U.S. Building Energy Codes." (2011). *Climate Policy Initiative.* with Jeff Deason.

"Measuring the effect of bi-directional migration remittances on poverty and inequality in Nicaragua." (2012). *Applied Economics*, Volume 44, Issue 19.

Presentations

"Household Decisions Under Risk: Evidence from Samburu County, Kenya." American Agricultural Economics Association, July 21, 2019, Atlanta, Georgia.

"Durable Empowerment: Designing Insurance to Maximize Benefits for Women" Digital Credit Observatory Women's Economic Empowerment Convening, June 27, 2019, Berkeley, California.

"Computer Vision for Drought Resilience" Computer Vision and Pattern Recognition (CVPR 2019), June 15, 2019, Long Beach, California.

"Do Droughts Drive Deforestation?" Association of Environmental and Resource Economics Summer Conference, May 30, 2019, Incline Village, California.

"Household Decisions Under Risk: Evidence from Samburu County, Kenya." Departmental Seminar, University of San Francisco Department of Economics, January 31, 2019, San Francisco, California.

"More frequent flooding accelerates deforestation in Mozambique." Geo4Dev, November 15, 2018, Berkeley, California.

"Learning about pastoralist decisionmaking with games." International Center for Evaluation & Development Evidence to Action Conference, July 24, 2018, Nairobi, Kenya.

"Lessons for South Africa from the solar leasing boom in California." Solar Indaba, September 4, 2013, Cape Town, South Africa.

"Financial Incentives for Energy Efficient Retrofits in Buildings." ACEEE Buildings Summer Study, August 12, 2012.

"Remittances, Poverty, & Inequality in Nicaragua." University of Utah Undergraduate Research Symposium, Salt Lake City, UT, USA, March 31, 2009.