

# Andrew Zimmer

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## Education

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<b>Ph.D. Geography</b> – University of Arizona, USA	2022 (expected)
Committee: Tom Evans (Chair), Diana Liverman, Andrea Gerlak, Kevin Anchukaitis	
Dissertation: Dynamics of rural-urban food systems in southern Africa	
<b>M.Sc. Environmental Science &amp; Technology</b> – Lancaster University, UK	2017
<b>B.A. Geography</b> (with Honors) – Lancaster University, UK	2016
Foreign study at Oregon State University, College of Earth, Ocean, and Atmospheric Science (2014-2015)	

## Employment / Positions

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2020 – P	Graduate Research Assistant, Research on COVID-19 Interventions and Impacts (RECON), University of Arizona
2018 – P	Graduate Research Assistant, School of Geography, Development & Environment, University of Arizona, Tucson, AZ, USA
2017-2018	Land Consultant, WSP UK, Manchester, UK

## Honors, Grants and Fellowships

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2021	Arizona Institute for Resilience: Roots for Resilience Data Science Assistantship	\$7,000
2020	UA Global Change Minor Summer Research Funding	\$1,500
2019	UA Institute of the Environment: Carson Scholars Science Communication Program	\$5,000
2019	UA Geography Summer Research Grant	\$450
2019	UA Geography Sustainable Development Goals Research Grant	\$500

## Publications

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In prep	<b>Zimmer, A</b> , Guido, Z, Davies, J, Joshi, N, Evans, T. The importance of rural-urban linkages in promoting household food security in African secondary cities. <i>Urban Transformations</i> .
In prep	<b>Zimmer, A</b> , Guido, Z, Anderson P, Baylis, K, Evans, T. Socio-environmental determinants of maize price volatility in southern Africa.
In prep	Ross, A, Pearson AL, Mack, EA, Marcantonio, R, <b>Zimmer, A</b> , Bunting, E, Culver-Smith, A, Evans, T, Miller-Graff, L. Does variability in climate precipitate intimate partner violence in sub-Saharan Africa? Does this operate through water insecurity?
In prep	Davies, J, Blekking, J, Hannah, C, <b>Zimmer, A</b> , Joshi, N, Anderson P, Evans, T. Governance of traditional markets and rural-urban food systems in sub-Saharan Africa. <i>Environmental Research Letters</i> .

In revision	Hannah, C, Davies, J, Green, R, <b>Zimmer, A</b> , Anderson, P, Battersby, J, Baylis, K, Joshi, N, Evans, T. Persistence of open-air markets in the food systems of Africa's secondary cities. <i>Cities</i> .
2021	Guido, Z, Lopus, S, Waldman, K, Hannah, C, <b>Zimmer, A</b> , Krell, N, Knudson, C, Estes, L, Caylor, K, Evans, T. (2021). Perceived links between climate change and weather forecast accuracy: new barriers to tools for agricultural decision-making. <i>Climatic Change</i> .
2021	Davies, J, Hannah, C, Guido, Z, <b>Zimmer, A</b> , McCann, L, Battersby, J, Evans T. (2021). Barriers to urban agriculture in Sub-Saharan Africa. <i>Food Policy</i> .
2021	Mack, EA, Bunting, E, Herndon, J, Marcantonio, R, Ross, A, <b>Zimmer, A</b> . (2021). Conflict and its relationship to climate variability in Sub-Saharan Africa. <i>Science of the Total Environment</i> .
2021	Pearson, AL, Mack, EA, Ross, A, Marcantonio, R, <b>Zimmer, A</b> , Bunting, E, Culver-Smith, A, Miller, JD, Evans, T. (2021). Interpersonal Conflict over Water is Associated with Household Demographics, Domains of Water Insecurity, and Regional Conflict: Evidence from Nine Sites across Eight Sub-Saharan African Countries. <i>Water</i> .
2021	Hannah, C, Giroux, S, Krell, N, Lopus, S, McCann, L, <b>Zimmer, A</b> , Caylor, K, Evans, T. (2021). Has the vision of a gender quota rule been realized for community-based water management committees in Kenya? <i>World Development</i> .
2020	<b>Zimmer, A</b> , Guido, Z, Tuholske, C, Pakalnis, A, Lopus, S, Caylor, K, Evans, T. (2020). Dynamics of population growth in secondary cities across southern Africa. <i>Landscape Ecology</i> .
2020	Guido, Z, <b>Zimmer, A</b> , Lopus, S, Hannah, C, Gower, D, Waldman, K, Krell, N, Sheffield, J, Caylor, K, Evans, T. (2020). Farmer Forecasts: Impacts of seasonal rainfall expectations on agricultural decision-making in Sub-Saharan Africa. <i>Climate Risk Management</i> .

## Presentations, Posters & Articles

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2021	Zimmer, A. Texting the climate: How farmers in Sub-Saharan Africa are Meeting a Changing Future. Terrain.org, A Life of Science.
2019	Zimmer, A, Guido, Z, Davies, J, Evans, T. Rural-Urban Linkages of Maize Price in Zambia. Paper presented at the Commonwealth Geographic Bureau International Conference on Contemporary Issues in Food and Food Security, Maputo, Mozambique.
2019	Zimmer, A, Guido, Z, Hannah, C, Lopus, S, Waldman, K, Gower, D, Evans, T. Weather Forecasts, Farmer Perceptions and Adaptation to Climate Change in Sub-Saharan Africa. American Association of Geographers Annual Meeting, Washington DC, USA.
2019	Zimmer, A. Patterns of Urban Growth in southern Africa. University of Arizona Graduate Interdisciplinary Program (GIDP) Student Research Showcase. University of Arizona, Tucson, AZ, USA.
2019	Zimmer, A. Texting the climate: How farmers in southern Africa are meeting the future. University of Arizona College of Science Café Series. Borderlands Brewery, Tucson, AZ, USA.
2019	Zimmer, A. Small-Scale Farmers' Strategies to Mitigate Fall Armyworm Impact in Rural Zambia. University of Arizona Food Security and Social Justice Network (FSSJN). University of Arizona, Tucson, AZ, USA.

## Teaching Experience

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### Teaching Assistant

GEOG 230 – Our Changing Climate

Fall 2021

## Conferences, Workshops & Training

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2020	American Association of Geographers Annual Meeting, online.
2019	Commonwealth Geographic Bureau Workshop on Food and Food Security with the Hungry Cities Partnership. Maputo, Mozambique
2019	Arizona State University & University of Arizona workshop on climate justice. University of Arizona, Tucson, AZ, USA.
2019	American Association of Geographers Annual Meeting, Washington DC, USA.
2019	Alan Alda Center for Communicating Science workshop. University of Arizona, Tucson, AZ, USA.

## Field Experience

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2018	Rural agricultural and household survey, Nanyuki, Kenya
2019	Rural agricultural and household survey & urban food security survey, Zambia