

ANDREW ZIMMER

CURRICULUM VITAE

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EDUCATION

Ph.D. Geography – University of Arizona 2022 (expected)

Dissertation: Dynamics of rural-urban food systems in southern Africa

M.Sc. Environmental Science – Lancaster University 2017

B.A. Geography – Lancaster University 2016

Study-abroad at Oregon State University 2015

RESEARCH

PEER-REVIEWED PUBLICATIONS

9. Davies, J, Blekking, J, Hannah, C, **Zimmer, A**, Joshi, N, Anderson, P, Evans, T. 2022. Governance of traditional markets and rural-urban food systems in sub-Saharan Africa. *Habitat International*, 127:102620
8. Hannah, C, Davies, J, Green, R, **Zimmer, A**, Anderson, P, Battersby, J, Baylis, K, Joshi, N, Evans, T. 2022. Persistence of open-air markets in the food systems of Africa's secondary cities. *Cities*, 124:103608.
7. Guido, Z, Lopus, S, Waldman, K, Hannah, C, **Zimmer A**, 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. *Climatic Change*, 168(1):1-20.
6. Davies, J, Hannah, C, Guido, Z, **Zimmer, A**, McCann, L, Battersby, J, Evans, T. 2021. Barriers to urban agriculture in sub-Saharan Africa. *Food Policy*, 103:101999.

5. Mack, EA, Bunting, E, Herndon, J, Marcantonio, R, Ross, A, **Zimmer, A**. 2021. Conflict and its relationship to climate variability in sub-Saharan Africa. *Science of the Total Environment*, 775:145646.
4. Pearson, AL, Mack, EA, Ross, A, Marcantonio, R, **Zimmer, A**, 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. *Water*, 13(9):1150.
3. Hannah, C, Giroux, S, Krell, N, Lopus, S, McCann, L, **Zimmer, A**, Caylor, K, Evans, T. 2021. Has the vision of a gender quota rule been realized for community-based water management committees in Kenya? *World Development*, 137:105154.
2. **Zimmer, A**, Guido, Z, Tuholske, C, Pakalniskis, A, Lopus, S, Caylor, K, Evans, T. 2020. Dynamics of population growth in secondary cities across southern Africa. *Landscape Ecology*, 35(1):2501-2516.
1. Guido, Z, **Zimmer, A**, 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. *Climate Risk Management*, 30:100247.

RESEARCH IN REVIEW

1. **Zimmer, A**, Guido, Z, Davies, J, Joshi, N, Chilenga, A, Evans, T. Food Systems and Rural-Urban Linkages in African Secondary Cities. In review at *Urban Transformations*.
2. Gerlak, AK, Guido, Z, Owen, G, Rodriguez McGoffin, S, Louder, E, Davies, J, Smith, KJ, **Zimmer, A**, Murviet, A, Meadow, A, Shrestha, P, Joshi, N. Stakeholder Engagement in the Co-Production of Knowledge for Environmental Decision-making. In review at *World Development*.
3. Ross, A, Marcantonio, R, Miller-Graff, L, Pearson, A, Bunting, E, **Zimmer, A**. Does variability in climate precipitate intimate partner violence in Sub-Saharan Africa? In review at *World Development*

RESEARCH IN PREPARATION

1. **Zimmer, A**, Guido, Z, Anderson, P, Baylis, K, Evans, T. Socio-environmental determinants of maize price volatility in southern Africa. In preparation for submission to *Global Environmental Change*.
2. **Zimmer, A**, Sullivan, J, Guido, Z, Evans, T. Rural-urban migration in African secondary cities.

PRESENTATIONS

2022 - Dynamics of rural-urban food systems in southern Africa. Center for Climate Adaptation Science and Solutions (CCASS), University of Arizona

2021 - Texting the climate: How farmers in Sub-Saharan Africa are meeting a Changing future. Terrain.org article.

2019 - Rural-Urban Linkages of Maize Price in Zambia. Commonwealth Geographic Bureau International Conference on Contemporary Issues in Food and Food Security. Maputo, Mozambique.

2019 - Weather Forecasts, Farmer Perceptions and Adaptation to Climate Change in Sub-Saharan Africa. American Association of Geographers Annual Meeting. Washington DC.

2019 - Patterns of urban growth in southern Africa. Graduate Interdisciplinary Program (GIDP). University of Arizona

2019 - Texting the climate: How farmers in southern Africa are meeting the future. Public Science Talk, Tucson, AZ.

2019 - Small Scale Farmers Strategies to Mitigate Fall Armyworm Impact in Rural Zambia. Food Security and Social Justice Network. University of Arizona.

TEACHING

Instructor of Record

GEOG230- Our Changing Climate

Winter 2021
Summer 2022
Fall 2022

Teaching Assistant

GEOG230- Our Changing Climate

Fall 2021
Spring 2022

AWARDS, FELLOWSHIPS & GRANTS

<i>Roots for Resilience Data Science Assistantship</i>	2021
Data Science Institute, University of Arizona	
Amount: \$7,000	
<i>Global Change Minor Program Summer Research Funding</i>	2021
The Graduate School, University of Arizona	
Amount: \$1,500	
<i>Carson Scholars Program</i>	2019
Institute of the Environment, University of Arizona	
Amount: \$5,000	
<i>Sustainable Development Goals Research Grant</i>	2019
School of Geography, University of Arizona	
Amount: \$950	

CONFERENCES, WORKSHOPS & TRAINING

Foundational Open Science Skills Course, CyVerse	2021
American Association of Geographers Annual Meeting	2020
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.	2019
American Association of Geographers Annual Meeting Washington DC	2019
Alan Alda Center for Communicating Science workshop. University of Arizona, Tucson, AZ.	2019

SERVICE

Referee for:

*World Development Perspectives, Environmental Development
Weather, Climate & Society*

Mentor , Diana Liverman Scholars Program.	2021
Member , American Association of Geographers	2018 - present
Member , Southern Arizona Geographers Association	2018 - present

ADDITIONAL INFORMATION

Programming:	R, Python, QGIS, ArcGIS
Citizenship:	United Kingdom, United States Permanent Resident
Fieldwork Experience:	Kenya, Zambia