

Curriculum Vitae

Andrew Zimmer

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EDUCATION

2018-2023	Ph.D.	University of Arizona, USA (Geography)
2016-2017	MSc.	Lancaster University, UK (Environmental Science & Technology)
2013-2016	B.A.	Lancaster University, UK / Oregon State University, USA (Geography)

EMPLOYMENT/POSITIONS

2018–Present	Research Assistant, School of Geography and Development, University of Arizona, USA
2017–2018	Land Consultant, WSP UK, Manchester, UK
2016–2017	Intern, Terrabotics Ltd, Lancaster, UK

RESEARCH INTERESTS

- Human-environment interactions, Human Dimensions of Global Change
- Environmental & Agricultural Decision-Making
- Food Security and Food System Governance
- Geographic Information Systems, Spatial Modeling

FUNDING

2021	Arizona Institute for Resilience Roots for Resilience Data Science Assistantship, \$7,000
2020	Global Change Minor Program Research Funding, University of Arizona, \$1,500
2019-2020	Carson Scholars Program. Institute of the Environment, University of Arizona. \$5,000.
2019	Summer Fieldwork Grant. School of Geography and Development, University of Arizona. \$450.
2019	Sustainable Development Goal (SDG). School of Geography and Development, University of Arizona. \$500.

PUBLICATIONS

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*. Accepted August 2021.

Hannah, C., et al. 2021 Persistence of Open-Air Markets in sub-Saharan Africa's Urban Food Systems. *Cities*. Submitted February 2021

Hannah, C., Baldwin, E., Fluckiger, A., McCann, L., Joshi, N., Macedo, G.S.S.R, **Zimmer, A.**, Guido, Z., Evans, T.

Who's in charge? Water governance decentralization in Africa. *Environmental Science & Policy*. (In Review, Submitted June 2020).

Pearson, AL., Mack, EA., Ross, A., Marcantonio, R., **Zimmer, A.**, Bunting, E., Culver Smith, A., Miller, JD., HWISE Research Coordination Network. 2021. Interpersonal conflict over water is associated with household demographics, domains of water insecurity and regional conflict: Evidence from 9 sites across 8 sub-Saharan African countries. *Water*.

Mack, EA., Bunting, E., Herndon, J., Marcantonio, RA., Ross, A., **Zimmer, A.** 2021. Conflict and its Relationship to Climate Variability in Sub-Saharan Africa. *Science of the Total Environment*.

Hannah, C., Giroux, S., Krell, N., Lopus, S., McCann, L., **Zimmer, A.**, Caylor, K., Evans, T. 2020. Has the vision of a gender quota rule been realized for community-based water management committees in Kenya? *World Development*.

Marcantonio, R., Mack, E., Bunting, E., Ross, A., **Zimmer, A.**, Gómez Fernández, E., Zulu, L., Evans, T. 2020. A Systematic Literature Review of the Relationship Between Water and Conflict on the African Continent. *Progress in Human Geography*. (In Review, Submitted October 2020).

Davies, J. Hannah, C., Guido, Z., **Zimmer, A.**, McCann, L., Battersby, J., Evans, T. 2020. Barriers to Urban Agriculture in Sub-Saharan Africa. *Food Policy*.

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*.

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*.

PRESENTATIONS

Conference Presentations

Zimmer, A., Guido, Z., Tuholske, C., Pakalniskis, A., Lopus, S., Caylor, K., Evans, T. (2020). Variability of Urban Population Growth Trajectories in Southern Africa. American Association of Geographers Annual Meeting, Denver, CO. USA.

Zimmer, A., Z. Guido, J.E. Davies, T.P. Evans. (2019). Rural-Urban Linkages of Maize Price in Zambia. Commonwealth Geographic Bureau international conference on Contemporary Issues in Food and Food Security. Maputo, Mozambique.

Zimmer, A., Z. Guido, C. Hannah, S. Lopus, K. Waldman, D. Gower, T.P. Evans. (2019). Weather Forecasts, Farmer Perceptions and Adaptation to Climate Change in Sub-Saharan Africa. American Association of Geographers Annual Meeting, Washington, DC. USA.

Other Presentations

Zimmer, A. 2019. Patterns of urban growth in Southern Africa. University of Arizona Graduate Interdisciplinary Program (GIDP) Student Research Showcase. University of Arizona, Tucson, AZ. USA.

Zimmer, A. 2019. 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.

Zimmer, A. 2019. Small-Scale Farmers' Strategies to Mitigate Fall Armyworm Impacts in Rural Zambia. The University of Arizona Food Security and Social Justice Network (FSSJN). Tucson, AZ. USA.

Conferences/Workshops/Training

- 2019-2021. SESYNC Pursuit Member. A Socio-Environmental Synthesis of the Linkages between Water Scarcity Induced Conflict and Land Use/Land Cover Change in Africa to Enhance Multi-Scalar Decision Making. Annapolis, MD.

- Summer 2019. Commonwealth Geographic Bureau Workshop on Food and Food Security with the Hungry Cities Partnership, Maputo, Mozambique.
- Spring 2019. ASU-UA Climate Justice Workshop, Tucson, AZ.
- April 2019. American Association of Geographers, Annual Meeting. Washington, DC.
- Spring 2019. Alan Alda Center for Communicating Science Workshop, Tucson, AZ.
- Spring 2019. Carson Scholar Biosphere 2 Communicating Science Retreat, Tucson, AZ.