

Andrew M. Linke

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Current Positions

- 2017- Assistant Professor, Department of Geography, University of Utah
- 2017- Associate Senior Researcher, Peace Research Institute Oslo (PRIO)

Previous Positions

- 2015-17 Research Assistant Professor, Department of Geography, University of Utah
- 2013-18 Research Affiliate, Institute for Development Studies, University of Nairobi
- 2013-15 Postdoctoral Associate, Institute of Behavioral Science, University of Colorado Boulder
- 2010-13 Research Assistant, Institute of Behavioral Science, University of Colorado Boulder

Education

- 2013 PhD, Geography, University of Colorado Boulder
- 2008 MA, Geography, University of Colorado Boulder
- 2005 BA, International Affairs, American University (*magna cum laude*)

Articles

- 2021 **Linke, A.M.**, and Andreas Forø Tollefson. Environmental stress and agricultural landownership in Africa. *Global Environmental Change*, 67, 102237.

Linke, A.M., and B. Ruether. Weather, wheat, and war: The security implications of climate variability for conflict in Syria. *Journal of Peace Research*, 58(1), 114-131.
- 2020 **Linke, A.M.**, Witmer, F., and J. O'Loughlin. Do people accurately report droughts? Comparison of instrument-measured and survey data in Kenya. *Climatic Change*, 162, 1143-1160.

Linke, A.M. Post-election violence in Kenya: Leadership legacies, demography and motivations. *Territory, Politics, Governance*. DOI: 10.1080/21622671.2020.1757503.
- 2018 **Linke, A.M.**, Witmer, F., O'Loughlin, J., McCabe, T.J., and J. Tir. The consequences of relocating in response to drought: Human mobility and conflict in contemporary Kenya. *Environmental Research Letters*, 13(9), 094014.

Raleigh, C. and **A.M. Linke**. Subnational governance and conflict: An introduction to a special issue on governance and conflict. *Political Geography*, 63, 88-93.

Bakke, K., **Linke, A.M.**, O'Loughlin, J., and G. Toal. Dynamics of state-building after war: External-internal relations in Eurasian *de facto* states. *Political Geography*, 63, 159-173.

Medina, R., Nicolosi, E., Brewer, S., and **A.M. Linke**. Geographies of organized hate in America: A regional analysis. *Annals of the American Association of Geographers*, 108(4), 1006-1021.

- Linke, A.M.**, Witmer, F., O'Loughlin, J., McCabe, T.J., and J. Tir. Drought, local institutional contexts, and support for violence in Kenya. *Journal of Conflict Resolution*, 62(7), 1544-1578.
- 2017 Witmer, F., **Linke, A.M.**, O'Loughlin, J., Laing, A., and A. Gettelman. Subnational violent conflict forecasts for sub-Saharan Africa, 2015-2065, using climate-sensitive models. *Journal of Peace Research*, 54(2), 175-192.
- Linke, A.M.**, Witmer, F., Holland, E., and J. O'Loughlin. Mountainous terrain and civil wars: Geospatial analysis of conflict dynamics in the post-Soviet Caucasus. *Annals of the American Association of Geographers*, 107(2), 520-535.
- 2015 **Linke, A.M.**, O'Loughlin, J., McCabe, T.J., Tir, J., and F. Witmer. Rainfall variability and violence in rural Kenya: Investigating the effects of drought and the role of local institutions with survey data. *Global Environmental Change*, 34, 35-47.
- Linke, A.M.**, Schutte, S., and H. Buhaug. Population attitudes and the spread of political violence in Sub-Saharan Africa. *International Studies Review*, 17(1), 26-45.
- Linke, A.M.** and J. O'Loughlin. Reconceptualizing, measuring, and evaluating context and distance in the study of conflicts: Using survey data from the North Caucasus of Russia. *International Studies Review*, 17(1), 1-19.
- 2014 O'Loughlin, J., **Linke, A.M.**, and F. Witmer. The effects of temperature and precipitation variability on the risk of violence in Sub-Saharan Africa, 1980-2012. *Proceedings of the National Academy of Sciences*, 111(6), 16712-16717.
- O'Loughlin, J., **Linke, A.M.**, and F. Witmer. Modeling and data choices sway conclusions about climate-conflict links. *Proceedings of the National Academy of Sciences*, 111(47), 2054-2055.
- Raleigh, C., **Linke, A.M.**, and J. O'Loughlin. Extreme temperatures and violence. *Nature Climate Change*, 4, 76-77.
- 2013 **Linke, A.M.** The aftermath of an election crisis: Kenyan attitudes and the influence of individual-level and locality violence. *Political Geography*, 37, 5-13.
- 2012 O'Loughlin, J., Witmer, F., **Linke, A.M.**, Laing, A., Gettelman, A., and J. Dudhia. Climate variability and conflict risk in East Africa, 1990-2009. *Proceedings of the National Academy of Sciences*, 109(45), 18344-18349.
- Linke, A.M.**, Witmer, F., and J. O'Loughlin. Space-time Granger analysis of the war in Iraq: A study of coalition and insurgent action-reaction. *International Interactions*, 38(4), 402-425.
- 2011 **Linke, A.M.** and C. Raleigh. State and stateless violence in Somalia. *African Geographical Review*, 30(1), 47-67.
- Messina, J., Taylor, S., Meschnick, S., **Linke, A.M.**, Tshefu, A., Atua, B., Mwandagilirwa, K., and M. Emch. Population, behavioral and environmental drivers of malaria prevalence in the Democratic Republic of Congo. *Malaria Journal*, 10, 161.

2010 O'Loughlin, J., Witmer, F., and **A.M. Linke**. The Afghanistan-Pakistan wars, 2008-2009: Micro-geographies, conflict diffusion, and clusters of violence. *Eurasian Geography and Economics*, 51(4), 437-471.

O'Loughlin, J., Witmer, F., **Linke, A.M.**, and N. Thorwardson. Peering into the fog of war: The geography of the WikiLeaks Afghanistan War Logs, 2004-2009. *Eurasian Geography and Economics*, 51(4), 472-495.

Raleigh, C., **Linke, A.M.**, Hegre, H., and J. Karleson. Introducing ACLED: An armed conflict location and event dataset. *Journal of Peace Research*, 47(5), 651-660.

Other Publications

2017 Donnay, K., **Linke, A.M.**, and R. Bhavnani. "Generalizing findings from micro-level research on peace and conflict: Reflections about challenges and solutions," pages 4-15, in Backer, D., Bhavnani, R., and P. Huth (Eds.), *Peace and Conflict 2017*. New York: Routledge.

2016 **Linke, A.M.** and C. Raleigh. "The geography of civil war," in Thompson, W.R. (Ed.), *Oxford Research Encyclopedia of Politics*. Oxford: Oxford University Press.

Kishi, R., **Linke, A.M.**, and C. Raleigh. "Patterns and trends of the geography of conflict," pages 25-41, in Backer, D., Bhavnani, R., and P. Huth (Eds.), *Peace and Conflict 2016*. New York: Routledge.

2015 **Linke, A.M.** and J. O'Loughlin. "Spatial analysis," pages 189-205, in Agnew, J., Mamadouh, V., Secor, A., and J. Sharp (Eds.), *A Companion to Political Geography, 2nd Edition*. Oxford: Basil Blackwell.

2013 **Linke, A.M.** Scale sensitive conflict analysis and the African Great Lakes wars. *Political Geography*, 35, 1-4.

2006 **Linke, A.M.** "Social movements and change," pages 155-161, in Bangura, A.K. (Ed.), *An Introduction to Islam: A Sociological Perspective*. Dubuque, KY: Kendall-Hunt.

Awards

2019 Stanley T. Brunn Junior Scholar, American Association of Geographers (AAG) Political Geography Specialty Group (PGSG).

2011 Excellence in Graduate Teaching Award (Instructor), Department of Geography, University of Colorado Boulder. \$1,000.

Funding

2021-22 Geographies of Land Use Conflict in the Western U.S. University of Utah, Office of the Vice President for Research. \$24,998.

2018-21 Spatial Inequalities in African Political Economy. Economic and Social Research Council (Co-I w/ Catherine Boone, Michael Wahman, Leigh Gardner, Fibian Lukalo). \$1,300,000 (awarded in £ to the London School of Economics and Politics).

2017-21 CROP: Quantifying Conflict Risk of Agricultural Productivity Changes. Research Council of Norway (Co-I w/ Halvard Buhaug, Jonas Vestby, Nina von Uexkull, Håvard Hegre). \$950,000 (awarded in kr to PRIO).

- 2016 University Research Committee, University of Utah, Research and Creative Grant Proposal. \$6,000.
- 2012 Graduate Research Fellowship, Center to Advance Research and Teaching in the Social Sciences, University of Colorado Boulder Graduate School. \$1,000.
- 2011 Gilbert F. White Doctoral Fellowship in Geography, Department of Geography, University of Colorado Boulder. \$10,000.
- 2010 Doctoral Dissertation Research Improvement Award, National Science Foundation. \$12,000.
- 2009 Dissertation Proposal Development Fellowship, Social Science Research Council. \$5,000.
- 2007 Critical Languages Scholarship, Council of Overseas American Research Centers, Cairo.
- 2006-10 Graduate Fellowship, Department of Geography, University of Colorado Boulder.
- 2001-05 Full Undergraduate Tuition Scholarship, American University.

Conference Presentations

- 2021 “Climate change, human mobility, and conflict in contemporary Kenya.” AAG conference.
 “Weather, wheat, and war: security implications of climate variability for conflict in Syria.” International Studies Association (ISA) conference.
- 2020 “Climate change, agricultural land and wartime governance within the Syrian civil war.” ISA conference. (*Pandemic cancelation.*)
 “Floods as a natural experiment in shaping support for and the experience of violence in Kenya.” AAG conference. (*Pandemic cancelation.*)
- 2019 “The impacts of global warming and changing weather patterns on human conflict.” American Geophysical Union (AGU) conference.
 “Fickle weather effects undermine violence forecasts using national survey data.” American Political Science Association (APSA) conference.
 “Environmental change, land ownership, and political instability in agrarian societies.” ISA conference.
 “Environmental change, land ownership, and political instability in agrarian societies.” AAG conference.
- 2018 “Kenya smallholder settlement schemes past and present: A retrospective and prospective analysis of new data to understand inequality.” African Studies Association (ASA) conference.
 “The consequences of relocating in response to drought: human mobility and conflict in contemporary Kenya.” Understanding Individuals’ Opinions and Experiences in Conflict-Affected Societies Workshop, PRIO.

"The effects agricultural productivity obstacles on conflict in regional political context." Next Generation of Climate-Conflict Research Workshop, Woodrow Wilson International Center for Scholars.

"The effects agricultural productivity obstacles on conflict in regional political context." Workshop on Subnational Politics, School of Politics and Global Studies, Arizona State University.

"Agricultural productivity and violent conflict in Sub-Saharan Africa: A subnational and comparative analysis using novel population survey data methods." ISA conference.

"Agricultural productivity and violent conflict in Sub-Saharan Africa: A subnational and comparative analysis using novel population survey data methods." AAG conference.

2017 "The impact of spatial resolution on effect estimates and inferences in the geographical analysis of violent conflict." APSA conference.

"The impact of spatial resolution on effect estimates and inferences in the geographical analysis of violent conflict." ISA conference.

"A comparative geographical analysis of international foreign aid and violent conflict." AAG conference.

2016 "Evolving dynamics of population sentiments and violent conflict." ISA conference.

"Household livelihood shocks and migration as pathways between local environmental change and conflict in Kenya." ISA conference.

"Household livelihood shocks and migration as pathways between local environmental change and conflict in Kenya." AAG conference.

2015 "Locational and relational explanations of Kenyan post-election conflict: Incentives for violence a demographic composition." Subnational Governance and Conflict Workshop, University of Sussex, Lewes, UK.

"Absolute and relative context in the social process of violence conflict." AAG conference.

"Environmental change and conflict in Kenya: Perceived and measured drought effects on personal insecurity and attitudes toward the use of violence." Midwest Political Science Association (MPSA) conference.

2014 "Environmental change and conflict in Kenya: Perceived and measured drought effects on personal insecurity and attitudes toward the use of violence." AGU conference.

"Spatial representations of population attitudes in Sub-Saharan Africa: Geo-referencing Afrobarometer surveys." AAG conference.

"Reconceptualizing and measuring context in the study of conflict: Using Surveys from Russia's North Caucasus." ISA conference.

2013 "Population attitudes and the geographic diffusion of political violence in Sub-Saharan Africa." Workshop on Geography and Armed Conflict, Uppsala University, Sweden.

“Mechanisms explaining the spatiotemporal diffusion of violence in Sub-Saharan Africa.” AAG conference.

“Mechanisms explaining the spatiotemporal diffusion of violence in Sub-Saharan Africa.” ISA conference.

“Climate variability and political instability in Sub-Saharan Africa.” ISA conference.

2012 “Rescaling governance, the perils of polarization, and violent politics in Kenya.” Peace Science Society (International) conference, Savannah, GA.

“Rescaling governance, the perils of polarization, and violent politics in Kenya.” AAG conference.

2011 “Displacement and domicide in Kenya.” AAG conference.

“Spatial matching techniques for disaggregated conflict analysis.” ISA conference.

2010 “New approaches to the spatial analysis of multidimensional conflict data.” New Horizons in International Security Conference, University of Illinois, Champaign, IL.

“Somalia’s (next) stateless years: Spatial models for predicting the intensity of violence.” ISA conference.

2009 “Political geographies of Kenya’s election violence.” AAG conference.

2008 “Identity, instability, and the political geography of violence in Somalia.” AAG conference.

2006 “Britain’s de-civilizing mission: Violence in colonial Kenya.” AAG Rocky Mountain and Midwest regional conference.

Invited Presentations

2020 “Dynamic human-environment interactions and using survey data to make conflict forecasts.” Berlin Climate and Security Conference 2020 (Part II), Potsdam Institute for Climate Impacts Research (23 September).

“Relocating in response to drought: Human mobility and conflict in contemporary Kenya.” Center for Comparative and International Studies, ETH Zurich (31 January).

2019 “Climate change and environmental security.” Center for Security, Intelligence and Defense Studies, Carleton University (6 December).

“Environment and population change on Kenya’s smallholder settlement schemes.” Department of Geoscience and the Environment, Technical University of Kenya (6 June).

“Environmental aspects of Kenya’s smallholder settlement schemes.” British Institute East Africa (7 June).

2018 “Survey based analysis of agricultural productivity, landownership, and conflict in Sub-Saharan Africa.” PRIO (21 March).

- 2017 “Scale variability misclassification: The impact of spatial resolution on estimates in the geographic analysis of foreign aid and conflict.” School of Government and Public Policy, University of Arizona (24 March).
- 2016 “A geographic approach to the study of environmental change and conflict.” Department of Geography, Oregon State University (27 May).
- 2015 “Environmental change and conflict in Kenya: Perceived and measured drought effects on personal insecurity and attitudes toward the use of violence.” Kroc Institute for International Peace Studies, University of Notre Dame (19 March).
- 2014 “Environmental change and conflict in Kenya: Perceived and measured drought effects on personal insecurity and attitudes toward the use of violence.” Population Program colloquium series, University of Colorado Boulder (31 October).
- “Environmental change and conflict in Kenya: Perceived and measured drought effects on personal insecurity and attitudes toward the use of violence.” Institutions Program colloquium series, University of Colorado Boulder (18 April).
- 2013 “Population attitudes and the geographic diffusion of political violence in Sub-Saharan Africa.” Peace Research Institute Oslo (12 June).
- 2012 “Rescaling governance, the perils of polarization, and violent politics in Kenya.” Robert. S. Strauss Center, University of Texas Austin (18 October).
- “A localized and spatial approach to understanding the causes and effects of election violence in Kenya.” Department of Geography colloquium series, University of North Texas (7 September).
- 2011 “Perceptions in the wake of post-election violence.” Sawyer Seminar series: Rethinking Political Violence and Vulnerability, University of Wisconsin Madison (6 May).
- “The climate-change conflict controversy: The evidence from East Africa, 1990-2009.” Geographic Perspectives of Global Climate Change colloquium series, University of Colorado Boulder (2 September).
- 2010 “Peering into the fog of war: The geography of the WikiLeaks Afghanistan War Logs, 2004-2009.” Geography Department Colloquium series, University of Colorado Boulder (10 September).
- 2009 “Armed conflict location and event data project.” International Conference on Crisis Mapping, Cleveland, OH (16 October).

Paid Research and Consulting

- 2015-16 Department of International Development, London School of Economics.
- 2014-17 Center for International Development and Conflict Management, University of Maryland.
- 2012 World Bank (contract to Institute of Behavioral Science, University of Colorado Boulder).
- 2010 World Bank: Geospatial analysis of violent event data (Nigeria, Zimbabwe, Kenya, Nepal) for *World Development Report 2011: Conflict, Security, and Development*.

Teaching

- 2021 Land Use Disputes and Resource Conflicts (GEOG 6960).
2017-20 Global Economic Geography (GEOG 3440), Population Geography (GEOG 3400).
2016 Global Economic Geography (GEOG 3440), Population Geography (GEOG 3400), Geography of Africa (GEOG 3660).
2015 Political Geography (GEOG 3420).
2010 Political Geography (GEOG 4720).

Service to the Profession

Article manuscript referee

- 2009- *African Geographical Review; American Political Science Review; Annals of the American Association of Geographers; British Journal of Political Science; Climatic Change; Climate Policy; Civil Wars; Computers, Environment, and Urban Systems; Conflict Management and Peace Science; Democracy and Security; Development Engineering; Geoforum; Geopolitics; Gender, Place & Culture; Global Environmental Change; International Interactions; International Journal of Climatology; International Journal of Disaster Risk Management; International Organization; International Studies Quarterly; Journal of Conflict Resolution; Journal of Peace Research; Papers in Regional Science; PLOS One; Political Geography; Professional Geographer; Research and Politics; Review of Development Economics; Science of the Total Environment; Sustainability; Territory, Politics, Governance; Weather, Climate, and Society; World Development.*

Research proposal referee

- 2015- National Science Foundation (Geography and Spatial Sciences Program), AidData.

Editorial board membership

- 2018- *Political Geography.*

Book manuscript referee

- 2016- Palgrave Macmillan, Rowman & Littlefield.

Journal special issue editor

- 2018 "Subnational governance and conflict," *Political Geography.*

Organization leadership

- 2015-17 Board member, AAG PGSG.
2014- Board member, Armed Conflict Location and Event Data Project.

Recent conference activities

- 2021 "Distinguished Scholar Award Roundtable (John Agnew)" (panelist), ISA conference.
2021 "Climate Change and Conflict" (discussant), ISA conference.
2021 Panel chair, Four Corners Conflict Network (4CCN) annual meeting.
2021 "Climate Science from Different Perspectives" (panelist), San Diego State University, Department of Geography.
2019 Organizer and host, 4CCN annual meeting.
2018 "Conflict and Development Aid in Africa" (chair), ISA conference.
2016 "Conflict Geographies I-IV" (organizer/discussant), AAG conference.
2015 "Climate Change, Resource Scarcity, Conflict" (discussant), MPSA conference.
"Civil War and Ethnic Conflict" (discussant), MPSA conference.
"Subnational Governance and its Consequences" (organizer/discussant), AAG conference.

- 2012 “Distinguished Scholar Award Roundtable (John O’Loughlin)” (panelist), ISA conference.
2011 “Violent Conflict and Development” (organizer/chair), AAG conference.
2011 “Territoriality, Political Violence, Armed Conflict” (organizer), AAG conference.

Service to Utah Department of Geography

- Graduate students** (*committee membership).
2015- PhD: Christopher Fuhriman*, Emily Nicolosi*, Yangyi Wu*.
MS: Laila Sheikh, Talula Pontuti, Matt Shawcraft, Brett Ruether, Claire Weber*.

Departmental committees

- 2015- Undergraduate studies committee.

Association Membership

AAG, AGU, ISA.