

## 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  
2013-15 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*)

### Peer-reviewed Articles (\*contributed equally, \*\*student)

- 2023 Karell, D.\*, **Linke, A.\***, Holland, E., and E. Hendrickson. “Born for a storm”: Hard-right social media and civil unrest. *American Sociological Review*, 00031224231156190.
- Raleigh, C., Kishi, R., and **A. Linke**. Political instability patterns are obscured by conflict dataset scope conditions, sources, and coding choices. *Nature: Humanities and Social Science Communications*, 10(1),1-17.
- 2022 **Linke, A.**, Witmer, F., and J. O’Loughlin. Weather variability and conflict forecasts: Dynamic human-environment interactions in Kenya. *Political Geography*, 92, 102489.
- Linke, A.** Post-election violence in Kenya: Leadership legacies, demography and motivations. *Territory, Politics, Governance*. 10(2), 180-199.
- Boone, C., Wahman, M., Kyburz, S., and **A., Linke**. Regional cleavages in African politics: Persistent electoral blocs and territorial oppositions. *Political Geography*, 99, 102741.
- Medina, R., Brewer, S., **Linke, A.**, Nicolosi, E., Allain, M., D. Tharp. The sociospatial ecology of deaths during police interactions in the US, 2016-2020. *Political Geography*, 98, 102710.
- Schutte, S., Ruhe, C., and **A. Linke**. How indiscriminate violence fuels conflicts between groups: Evidence from Kenya. *Social Science Research*, 103, 102653.
- 2021 **Linke, A.** and A.F. Tollefson. Environmental stress and agricultural landownership in Africa. *Global Environmental Change*, 67, 102237.

- Linke, A.** 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.**, 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.
- 2018** **Linke, A.**, 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. Linke**. Subnational governance and conflict: An introduction to a special issue on governance and conflict. *Political Geography*, 63, 88-93.
- Bakke, K., **Linke, A.**, 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. Linke**. Geographies of organized hate in America: A regional analysis. *Annals of the American Association of Geographers*, 108(4), 1006-1021.
- Linke, A.**, 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.**, 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.**, 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.**, 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.**, 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.** 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.**, 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.**, 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.**, and J. O'Loughlin. Extreme temperatures and violence. *Nature Climate Change*, 4, 76-77.

- 2013** **Linke, A.** 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.**, 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.**, 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.** and C. Raleigh. State and stateless violence in Somalia. *African Geographical Review*, 30(1), 47-67.
- Messina, J., Taylor, S., Meschnick, S., **Linke, A.**, 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. 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.**, 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.**, Hegre, H., and J. Karleson. Introducing ACLED: An armed conflict location and event dataset. *Journal of Peace Research*, 47(5), 651-660.

### Other Publications

- 2023** **Linke, A.**, and C. Raleigh. “Conflict and cooperation: The adverse effects of climate change,” forthcoming, in Flint, C., and K. Dempsey (Eds.), *Making Geographies of Peace and Conflict*. New York: Routledge.
- 2023** O’Loughlin, J., Witmer, F., and **A. Linke.** “Michael D. Ward – Finding geography.” *Political Geography* (intervention), 100, 102759, 2-5.
- 2017** Donnay, K., **Linke, A.**, 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.** 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.**, 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.** 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, 2<sup>nd</sup> Edition*. Oxford: Basil Blackwell.

- 2013** Linke, A. Scale sensitive conflict analysis and the African Great Lakes wars. *Political Geography*, 35, 1-4.
- 2006** Linke, A. "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.

### Research Funding

- 2023-** Risks, Benefits, and Costs of Hydropower in a Changing Climate, Wilkes Center for Climate Science and Policy (*Co-I w/ Summer Rupper, Sara Yeo*). \$18,300.
- 2022-** SEA-AHEAD: Southeast Asia, Health, Environment and Development Initiative, Luce Foundation Initiative on Southeast Asia (LuceSEA) (*Co-PI w/ Kim Korinek, Tim Collins*). \$590,000.
- 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

- 2022** International Studies Association (ISA).
- 2021** AAG and ISA.
- 2020** AAG and ISA (Pandemic cancelations).
- 2019** American Geophysical Union (AGU), American Political Science Association (APSA), ISA, and AAG.
- 2018** African Studies Association (ASA), ISA, AAG, Understanding Individuals' Opinions and Experiences in Conflict-Affected Societies Workshop at PRIO, Next Generation of Climate-Conflict Research Workshop at Woodrow Wilson International Center for Scholars, and Workshop on Subnational Politics at Arizona State University.
- 2017** APSA, AAG, and ISA.
- 2016** ISA (x2), AAG.
- 2015** Midwest Political Science Association (MPSA), AAG, and Subnational Governance and Conflict Workshop at University of Sussex.
- 2014** AGU, AAG, and ISA.
- 2013** ISA (x2), AAG, and Workshop on Geography and Armed Conflict at Uppsala University.
- 2012** Peace Science Society (International) (PSS) and AAG.
- 2011** ISA and AAG.
- 2010** ISA and New Horizons in International Security Conference at the University of Illinois Urbana-Champaign.
- 2009** AAG.
- 2008** AAG.
- 2006** AAG Rocky Mountain and Midwest regional conference.

## Invited Talks

- 2021** "Climate science from different perspectives." 2021 Climate Talks. Department of Geography, San Diego State University (13 April).
- 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.” PRIO (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).

### Teaching

**2023** Global Economic Geography (BUS 3840).

**2022** Geographic Thought and Inquiry (GEOG 6961), Population Geography (GEOG 3400), Global Economic Geography (BUS 3840).

**2021** Land Use Disputes and Resource Conflicts (GEOG 6960), Geographic Thought and Inquiry (GEOG 6961), Global Economic Geography (BUS 3840).

**2017-20** Global Economic Geography (BUS 3840 or GEOG 3440) each semester, 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; Defense and Peace Economics; 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 Journal of Disaster Risk Reduction; International Organization; International Studies Quarterly; Journal of Conflict Resolution; Journal of Peace Research; Papers in Regional Science; PLOS One; Political Geography; Proceedings of the National Academy of Sciences; Professional Geographer; Research and Politics; Review of Development Economics; Science of the Total Environment; Sustainability; Territory, Politics, Governance; The International Journal of Human Rights; Weather, Climate, and Society; World Development.*

#### Research proposal referee

**2015-** National Science Foundation (Geography and Spatial Sciences Program; Security and Preparedness), 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.

### **Conference activities**

**2022** “Political Geography at 40” (panelist), AAG conference.

**2021** “Distinguished Scholar Award Roundtable (John Agnew)” (panelist), ISA conference.

“Climate Change and Conflict I: Disasters and Extreme Weather Events” (discussant), ISA conference.

**2021** “Climate Change and Conflict” (discussant), ISA conference.

**2021** Panel chair, Four Corners Conflict Network (4CCN) annual meeting.

**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.

“Distinguished Scholar Award Roundtable (John O’Loughlin)” (panelist), ISA conference.

**2012** “Violent Conflict and Development” (organizer/chair), AAG conference.

**2011** “Territoriality, Political Violence, Armed Conflict” (organizer), AAG conference.

### **Service to Utah Department of Geography**

#### **Graduate student advising** (\*committee membership)

**2015-** *PhD*: Marco Allain\*, Andrea Davis\*, Christopher Fuhrihan\*, David Leydet\*, Emily Nicolosi\*, Sarah Posner\* (University of Colorado Boulder), Yangyi Wu\*.

*MS*: Serena Madsen\*, Taylor Lundquist, Talula Pontuti, Matt Shawcraft, Laila Sheikh, Brett Ruether, Claire Weber\*.

#### **Departmental committees**

**2021-** Equality, Diversity and Inclusion committee.

**2015-21** Undergraduate Studies committee.

### **Consulting**

**2022-** ACLED analysis program.

**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*.

### **Association Membership**

AAG, AGU, ISA.