

LAURA A. GERMAN, Ph.D.

Curriculum Vitae

Contact Information

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See <http://bit.ly/lgerman> for a discussion of research specializations, and key publications.

Education

2001 Ph.D., Ecological and Environmental Anthropology, University of Georgia, Athens, GA

1991 B.Sc., Agricultural Engineering (International Agriculture), Cornell University, Ithaca, NY

Personal Information

Theoretical Specializations: Cultural and ecological anthropology, land and forest governance, property rights, critical agrarian and development studies, institutional theory, political ecology, neoliberalism and neoliberal conservation, anthropology of the state, human ecology, agricultural anthropology.

Methodological Specializations: Ethnographic methods, multi-sited ethnography, surveys, comparative research, multi-level institutional analysis, qualitative systematic review, discourse analysis, facilitating institutional innovations, action research, adaptive collaborative management.

Domains of Application: Land governance; forest governance; multi-functional landscapes; agricultural investment; community-based natural resource management; agricultural and rural development; institutional learning and change; science-policy-practice linkages.

Languages: Native speaker of English; reading/writing/speaking proficiency in Spanish and Portuguese; basic Bahasa Indonesia; rudimentary Kiswahili.

Employment

1/12-Present *Associate Professor, Department of Anthropology, University of Georgia.* Teach graduate and undergraduate courses in Anthropology, integrative conservation, the institutional factors mediating human-environmental relationships, environmental governance, the anthropology of race, and research-practice linkages. Recent scholarship has focused on assessing the trade-offs of large-scale land acquisition in the global South, and on mechanisms for safeguarding customary tenure and leveraging more meaningful and equitable outcomes from agricultural investment. A project funded by the Community Lands Initiative in Mozambique has involved the documentation of lessons learnt in formalizing customary land rights in the context of a rapid growth in foreign investment, in collaboration with Eduardo Mondlane University. A grant from NSF's Dynamics of Coupled Natural and Human Systems (CNH) program funded work in Kenya on the interactions between Maasai group ranch governance and external conservation interests. Consultancy work with the International Center for Land Policy Studies and Training (Taiwan), Chemonics (USA), the *Iniciativa de Terras Comunitarias* (Mozambique), the Overseas Development Institute (UK) and the Roundtable for Sustainable Biofuels (Switzerland) has focused on land governance, community-investor partnerships, and social sustainability.

3/07-12/11 *Scientist (3/07-12/08)/Senior Scientist (1/09-12/11)* for the Governance Program of the Center for International Forestry Research. Work included:

- Analysis of the social, economic and ecological impacts of large-scale investments in biofuels, mining and tobacco in the forest frontier
- Comparative analysis of legislation and practice associated with large-scale land acquisitions in 4 African countries
- Comparative research on Chinese and non-Chinese trade and investment in sectors shaping

- forests in the miombo woodlands (agriculture, forestry, mining)
- Development and testing of a framework for analyzing the trade-offs of large-scale investment at national and landscape levels
- Co-development of a framework for analyzing the substantive content of policies designed to promote and regulate the biofuel sector
- Development and testing of a framework for assessing the impacts of globalized trade and investment on customary rights and societal stakes
- Analysis of the effectiveness of regulatory and market-based instruments to govern the social and environmental impacts of corporate investment in forested landscapes
- Organization of technical panels in an Africa-wide conference on decentralization and forest governance and follow-up edited volume to synthesize lessons learnt
- Design and technical coordination of a team-based mentoring process to support IDRC grant recipients throughout Africa to apply participatory action research methodologies in support of climate change adaptation
- Spearheading an institute-wide dialogue on factors influencing the effectiveness of research-policy engagements
- Management of a \$2.4M Euro EC-funded global research project on biofuels, forests and communities and leadership in the development of a successful \$1.2M BMZ proposal on China's expanding influence in Africa
- Development of Issue Paper, followed by facilitation of regional dialogue, for the formulation of a regional forestry strategy for the Common Market for Eastern and Central Africa (COMESA)

5/08-9/09 *(Co-)Domain Leader*, Forest-Related Trade and Investment Domain, Center for International Forestry Research. Provided leadership in conceptualizing the domain in the context of CIFOR's strategy development process; coordinated global research domain to understand global trends in trade and investment (sectoral and extra-sectoral) shaping forests and forest-dependent communities; to assess the impacts and trade-offs of these trends at landscape level; and to understand the effectiveness of governance instruments at diverse levels in leveraging equitable and sustainable outcomes.

8/05-12/06 *Acting Regional Coordinator*, African Highlands Initiative, an eco-regional program of the Consultative Group for International Agricultural Research (CGIAR) and a network of the Association for Strengthening Agricultural Research in East and Central Africa (ASARECA). Work consisted of:

- Supervision and coordination of staff and partners at regional level
- Technical and financial coordination of 9 grants
- Providing strategic direction to the program at a time of institutional transformation in host organizations
- Spearheading regional impact strategy, including the design and launching of a regional training program and communications strategy (website, publication series)
- Fund mobilization
- Programme representation in meetings of ASARECA, the CGIAR, the World Agroforestry Center (ICRAF) and the Water Challenge Program, among others

8/02-2/07 *Scientist/Socio-Ecologist* for the African Highlands Initiative. Provided technical and analytical support to a regional integrated natural resource management program involving agricultural research and extension partners in Ethiopia, Kenya, Tanzania and Uganda. Work included:

- Developing and applying a social learning approach to regional research cooperation
- Supporting national teams of research and development professionals working in benchmark sites to conceptualize and operationalize an approach to “participatory integrated natural resource management” at landscape scale, including the overall conceptual framework and methodologies (diagnosis, planning, stakeholder negotiation, action research)
- Developing an AHI Methods Guides series to document successful methodological innovations
- Supporting national teams and local stakeholders to use an action research approach to bring collective action theory to bear on the participatory governance of landscape level processes of

local concern

- Developing a framework for operationalizing “systems integration” at farm and landscape scale
- Developing a framework for evaluating collective action in watershed management
- Developing a framework for integrating empirical and action research
- Designing and imparting a series of regional courses for research and development professionals in the ASARECA sub-region

10/97-9/99 *Dissertation Research*, Brazil (see research experience, below).

6/00-6/02 *Program Development Associate*, Dean Rusk Center (UGA). Developed and managed programs for international cooperation in law; assisted in strategic planning with foreign judiciaries.

10/91-6/94 *Community Development and Agricultural Extension Practitioner*, Escuela Agrícola Panamericana (El Zamorano), Honduras. Work consisted of the facilitation of rural agricultural development activities at village level; on-farm experimentation with farmers; conceptualizing a move toward more participatory research approaches at program level; and participation in regional policy fora.

Research Experience

01/17-pres *Principal Investigator*, “LEGEND State of the Debate Report: Promoting More Inclusive Business Models in Agriculture.” This white paper, commissioned by the Overseas Development Institute of the UK, synthesizes the current state of the debate on inclusive business in agriculture and evidence on inclusiveness within different agricultural value chains. This is the second State of the Debate report for the UK Department for International Development’s Land: Enhancing Governance for Economic Development program.

08/13-01/17 *Co-Principal Investigator*, “Pastoralism in Transition: Linking Localized Interactions and System Behavior to Evaluate Social-Ecological Vulnerability.” This interdisciplinary research applies an integrative approach to the evaluation of sensitivity, exposure, and resilience of the pastoral-agricultural transition underway in Massai group ranches in Laikipia, Kenya through a Complex Adaptive Systems framing. Recent work has focused on the analysis of how exogenous authority systems gain traction within common property regimes to re-shape the contours of property, and the tensions between collectivization and individualization in Maasai group ranches that have resisted subdivision.

03/13-12/13 *External Collaborator and Principal Investigator*, “Lessons Learning on the Experiences of the Community Lands Initiative (iTC) on Community Land Delimitation and Demarcation in the Context of the Land Law”. This research, led by the Faculty of Agronomy and Forestry of Eduardo Mondlane University (Maputo, Mozambique), evaluates efforts of the Community Lands Initiative to safeguard customary land and resource rights and to leverage these rights as building blocks for economic development through local institution building and partnerships with outside actors. The research covers five provinces and three themes.

03/10-12/11 *Project Developer and Principal Investigator/Senior Research Associate*, “Chinese Trade & Investment in Africa: Assessing and Governing Trade-Offs to National Economies, Local Livelihoods and Forest Ecosystems.” Project evaluated to what extent Chinese-based trade and foreign investment practices in sectors shaping forests are unique in terms of governance principles and social and environmental effects. Led two work packages focused on understanding the nature of Chinese influence and engagements relative to OECD countries and in-depth impact studies for Congo Basin and Miombo woodlands; coordinated team working in Miombo ecoregion.

10/08-12/10 *Project Leader and Principal Investigator*, “Bioenergy, Sustainability and Trade-Offs.” Research explored the relationship between the “biofuels boom,” large-scale land acquisition and deforestation, and the conditions under which bioenergy development can improve positive and mitigate negative effects on local livelihoods and contribute to climate change mitigation. Scientific work focuses on sector governance (national legal and institutional frameworks, market-based mechanisms, sustainability standards for financiers and project implementers), social and environmental impacts, and science-policy engagement processes.

10/07-12/10 *Project Leader*, scoping studies in eastern and southern Africa. Case studies exploring the impact

of different commodities (tobacco, copper and cobalt mining, carbon) and investment trends (e.g. emerging influence of China) on forests and forest-based livelihoods.

- 03/07-06/10 *Lead Organizer of Thematic Panels*, Africa-wide conference on forest governance and decentralization. Led in the thematic development of an Africa-wide conference on forest governance and decentralization in support of the United Nations Forum on Forests. Published an edited volume based on this work (Earthscan, 2010).
- 9/07-12/07 *Research collaboration with the Common Market for Eastern and Southern Africa (COMESA)*. Coordinated the writing of an Issue Paper for the COMESA region in preparation for a strategy development process, facilitated regional strategy development workshops, and drafted full proposal on the basis of the final Strategy.
- 10/04-2/07 *Bringing Theory to Bear on Practice: Catalyzing Collective Action in Integrated Natural Resource Management*. This body of work, co-financed by CAPRI/IFPRI, integrated empirical and action research to understand key drivers of collective action and equity in natural resource management, and foster the emergence of equitable collective action processes (vertical and horizontal) to address social, institutional and policy barriers to the effective resolution of prioritized NRM problems.
- 8/02-02/07 *Collaborative Research with National Agricultural Research and Extension Systems* in Ethiopia, Kenya, Tanzania and Uganda. This body of work employed an action research approach to develop and test new approaches to integrated natural resource management in the highlands of eastern Africa. Specific innovations included the design and testing of methods to: (i) operationalize participatory integrated watershed management; (ii) enable collective action and multi-stakeholder negotiations in natural resource management; (iii) track the “fate” (spread, environmental and social spin-offs) of introduced technologies; (iv) enhance the compatibility of trees in different landscape niches to avoid livelihood costs; and (v) improve research-development linkages.
- 10/97-9/99 *Dissertation research*, Brazilian Amazon. Conducted interdisciplinary research to understand the main drivers of, and limitations to, human-environmental interactions in a nutrient-poor blackwater ecosystem. The integration of scales of analysis and data types (cognitive, behavioral, botanical, pedological) helped to illustrate the role of technology, culture, political-economics and ecosystem properties in structuring human-environmental interactions over time.
- 5/98-5/99 *Ethnographic, pedological and geographical research*, Brazil. Developed a methodology to determine the relative importance of human settlement locations over time and to enhance understanding of human adaptive processes in the aggregate.
- 1994 & 1995 *Ethnographic research*, highland Ecuador. Conducted summer ethnographic research on natural resource management in the Cotacachi-Cayapas buffer zone; ethnobotanical research on medicinal plants (by request of the indigenous federation hosting me); and qualitative assessment of livelihood strategies and environmental impacts of mestizo colonists, *hacienda* owners and itinerant laborers in a forest frontier zone.

Facilitation Experience

- 07/13 *Designed and taught a short course on Supporting Local Communities in Partnership Negotiations with Investors in Nampula, Mozambique*. This course was requested by a Mozambican non-governmental organization, ORAM (*Associação Rural de Ajuda Mutua*), to support their field staff to understand the basics of partnership development, from the risks and opportunities afforded by different business models to the basic steps in a facilitation process. The course drew on theory while field-testing select stages in the methodology and facilitating group-based reflection on the same.
- 8/06-6/10 *Led a team of mentors in supporting IDRC-funded grantees to apply action research in support of climate change adaptation at community and institutional levels*. Led an Africa-wide training and mentoring initiative on participatory action research and its role in supporting climate change adaptation. This work consisted of selecting a group of co-mentors, facilitating a knowledge exchange workshop to draft a methodology for participatory action research, developing a Reference Guide for use in subsequent mentoring, and leading the group of mentors in holding regional trainings for IDRC grant recipients, facilitating field-based learning and developing knowledge products to synthesize lessons learnt. Work resulted in a Reference Guide (published with IDRC) in English and French.

- 6/10 & 8/11 *Led in the design and facilitation of workshops with and for the Biofuels Taskforce of the Southern African Development Community (SADC).* These workshops, co-designed with SADC and co-facilitated with the Council for Scientific and Industrial Research of South Africa and Stockholm Environment Institute, aimed to support policy makers from the SADC region to identify and govern the trade-offs associated with biofuels development in the region. The first workshop, held in June, 2010 in Dar es Salaam, was a participatory modelling workshop on biofuels, land use change and livelihoods. The follow-up workshop, held in August/September, 2011 in Johannesburg, aimed to share research findings from a European Union-funded grant on Biofuels, Sustainability and Trade-Offs while fostering South-South exchange between 12 SADC member states and representatives of government, research and industry from Brazil, Indonesia and Malaysia.
- 2008-2009 *Lead scientist/facilitator in the development of a Forestry Strategy for the COMESA region.* Over the course of two years, I worked with the Common Market of Eastern and Southern Africa (COMESA) to facilitate a planning process involving the forestry departments of COMESA member states and other regional stakeholders. The main events consisted of two planning workshops, held in 2008 and 2009, where I worked with my COMESA counterpart to design and facilitate a planning process to develop key components of a regional forestry strategy. In addition to planning, my role consisted of formal presentations and the facilitation of small group and plenary sessions.
- 08/02-02/07 *Spearheaded regional training program in eastern Africa.* As Acting Regional Coordinator, I led a team of scientists in conceptualizing and conducting a series of regional courses for representatives from 10 member countries of the Association for Strengthening Agricultural Research in Eastern and Central Africa. Courses I led consisted of formal classroom learning to impart methodologies developed through a regional, action-based research effort – including methods for participatory watershed management (Lushoto & Arusha, Tanzania, 2006 & 2007), participatory landscape governance (Lushoto, Tanzania, 2006), and monitoring farmer-to-farmer sharing of agricultural technologies and social and biophysical consequences of the same (Butare, Rwanda, 2006).
- 8/02-02/07 *Support to social science, systems thinking and action-based research in a regional program in the eastern African highlands.* Developed and employed a social and experiential learning approach to bring social scientific and systems perspectives to bear on research and development approaches used by national collaborators (agricultural research and extension, NGO staff) in four east African countries. Work resulted in the testing and verification of a host of methodological innovations (e.g., for participatory watershed management, participatory landscape governance, niche-compatible agroforestry, tracking technology “spillover”), the launching of a program-wide publication series (working papers, methods guides, policy briefs), and the development of a set of regional training courses to impart methods and lessons learnt (see above).
- 3/94 *Course development in regenerative agriculture, El Zamorano.* Designed, organized and co-taught course on regenerative agriculture for Central American practitioners.

Convener of Scholarly and Science-Policy Dialogue

- 10/16 *Co-organized Thematic Panel entitled, “To scale up biofuels? A critical look at expectations, performance and governance” with the Institute of Advance Sustainability Studies – Potsdam.* This session of the Global Land Programme’s 2016 Open Science Meeting explored empirical evidence linked to a suite of expectations commonly attached to biofuels, from its climate mitigation potential to its contribution to energy and food security and rural livelihoods. The session analyses under what circumstances biofuels can deliver on these expectations, and implications for national biofuel programs.
- 10/16 *Launched Policy Brief entitled, “To scale up biofuels? Towards ‘indispensables’ in bioenergy governance” at the Global Land Programme’s 2016 Open Science Meeting.* Policy brief draws on companion papers to be published as a Special Section in the journal *Energy Policy* to distill lessons learnt from the impacts and governance of first generation biofuels to develop a set of *sine qua nons* for biofuel sustainability.
- 03/14 *Organized Thematic Panel entitled, “Securing community rights and benefits in the context of growing land and resource investment: Lessons from Mozambique.”* Thematic panel presented at the annual World Bank Conference on Land and Poverty in Washington, D.C. Panel presented work designed and

implemented collaboratively with Eduardo Mondlane University and the Community Lands Initiative (iTC) of Mozambique to evaluate lessons learned in the context of iTC efforts to formalize collective land rights and leverage these rights for economic development.

- 08/07-12/09 *Supported the Development of a Forestry Strategy for the Common Market for Eastern and Southern Africa (COMESA).* I worked with COMESA member states and the Secretariat to support the development of a regional forestry strategy through the development of an Issue Paper to help frame the issues, facilitating workshops to develop key components of a Strategy and co-developing a full proposal to operationalize the strategy.
- 09/09-09/11 *Co-designed and Facilitated a Participatory Scenario Building Process for Biofuel Development in the SADC Region.* Co-led the development of a methodology and policy engagement process for exploring biofuel futures and related social, economic and environmental impacts for the miombo woodlands of southern Africa. Work was carried out in collaboration with the Biofuels Taskforce of the Southern Africa Development Community, Stockholm Environment Institute and a South African research institute (CSIR) and considers outcomes at both national and landscape levels.
- 01/11 *Organized a Thematic Panel on “Customary Rights and Societal Stakes Associated with Large-Scale Land Acquisition in the Forest Frontier”.* Thematic panel organized at the bi-annual meetings of the International Association for the Study of the Commons in Hyderabad, India. A rights-based framework for assessing the implications of large-scale land and resource acquisitions for customary rights and societal stakes was proposed by L. German, followed by four case studies applying the framework to evaluate outcomes (jatropha in Ghana, oil palm in Indonesia, copper mining in Zambia, tobacco in Malawi).
- 12/10 *Organized a Thematic Panel on Biofuels at COP 16.* The panel presented research from a project I managed for two years on “Biofuels, Sustainability and Trade-Offs”, with the thematic focus encompassing trends in biofuel finance and biofuel-induced deforestation, local social and environmental impacts, carbon accounting methods and national legal and institutional frameworks.
- 01/09 *Co-organized a Thematic Panel on “Commercial Pressures on the Commons.”* The panel, co-organized with CAPRI and the International Land Coalition for the Africa Regional IASC Meeting in Cape Town, aimed to expand the dialogue around large-scale land acquisitions in Africa.
- 04/08 *Co-organized a Workshop on “Forest Governance and Decentralization in Africa.”* Convened lead thinkers and writers from Africa and beyond to liaise with policy makers in the development of recommendations for forest governance as part of a Swiss-funded initiative in support of the United Nations Forum on Forests.
- 10/04 *Co-organized a Conference on “Integrated Natural Resource Management in Practice.”* Organized regional workshop to catalyze the sharing of experiences on implementing INRM in practice, bringing in project partners and leading thinkers on the subject.

Grants, Scholarships and Awards

- 06/2018 Ambassador’s Distinguished Scholar Award, Institute for International Education, U.S. Embassy in Addis Ababa and University of Gondar (Ethiopia)
- 01/2017 Overseas Development Institute grant, “LEGEND State of the Debate Report: Promoting More Inclusive Business Models in Agriculture” (\$ 12,984, course buy-out)
- 04/2016 Service Learning Fellow, University of Georgia (\$2,500)
- 03/2016 Outstanding Mentor Award, University of Georgia
- 08/2015 NSF Doctoral Dissertation Improvement Grant, “Environmental Science and Policy: A Meta-Synthesis and Multi-Sited Ethnographic Study of Boundary Spanning Processes in Georgia” (\$10,923)
- 04/2014 Lilly Teaching Fellow, University of Georgia (\$2,000)
- 08/2013 NSF Dynamics of Coupled Natural and Human Systems (CNH) grant, “Pastoralism in Transition” (\$250,000)
- 04/2013 Secured \$5,000 from the Provost to support summer field research in Mozambique

- 03/2013 Supported a team led by Eduardo Mondlane University to secure \$120,000 from the Community Lands Initiative (iTC) of Mozambique to distill lessons on iTC efforts to formalize customary land rights and support community-investor partnerships
- 03/2012 Awarded \$500 from the UGA Office of Sustainability for curriculum development
- 11/2009 Secured € 1.2M Collaborative Research Grant, BMZ (impacts of Chinese investment in Africa)
- 05/2008 Co-developed and managed € 2M Research Grant, EC (Bioenergy, deforestation and trade-offs)
- 04/2008 Secured and managed CAD 120K Research Grant, IDRC (Programme-wide support to Climate Change Adaptation in Africa grant recipients in participatory action research)
- 12/2006 Travel Grant to attend the Future Environmental Trends Conference in Bangalore, India (TERI, IDDRI and VEI)
- 6/2006 Travel Grant to attend IASCP Meetings in Bali, Indonesia (Collective Action and Property Rights program of the CGIAR)
- 3/2006 Travel Grant to present keynote address at the Mountain Symposium in Chiang Mai, Thailand (Uplands Program and German Research Foundation)
- 10/2005 Travel Grant to attend the Gender and Collective Action Workshop, Chiang Mai, Thailand (Collective Action and Property Rights program of the CGIAR)
- 9/2004 \$125K Research Grant, Collective Action and Property Rights Program (CAPRI) of the Consultative Group for International Agricultural Research
- 8/2004 Travel Grant, International Association for the Study of the Commons meeting in Oaxaca, Mexico (International Development Research Centre)
- 11/2000 \$130,000 U.S.A.I.D.–A.L.O. grant for UGA-Palestinian collaboration in Law
- 8/00-5/01 Scholarship for Finishing Year Doctoral Students, UGA Graduate School
- 6/98-9/99 Doctoral Research Grant, Wenner Gren Foundation for Anthropological Research
- 5/98-4/99 Research Grant, Secretary of Culture of Amazonas State, Brazil
- 9/97-11/98 National Science Foundation Doctoral Dissertation Research Improvement Grant
- 9/1997 Health Valley Scholarship for Organic Agriculture and Nutrition
- 6/96-7/96 Scholarship for participation in international course Agroecology (Organization for Tropical Studies, Costa Rica)
- 10/1994 Scholarship for participation in the International Course for Regenerative Agriculture in Silang, Cavite, the Philippines (GTZ, IIRR)
- 11/94-12/94 Travel Grants to attend regional policy workshops on sustainable agriculture in Costa Rica and Nicaragua (INCAE)

Publications

Books

- Cunningham, T., L. German, F. Paumgarten, C. Miti, C. Barr, K. Obidzinski, T. Yatich, M. van Noordwijk, R. de Koning, H. Pumomo and A. Puntodewo (2008) *Sustainable Trade and Management of Forest Products and Services in the COMESA Region*. Bogor: Center for International Forestry Research.
- German, L., A. Karsenty and A.-M. Tiani, eds. (2010) *Gouverner les Forêts Africaines à l'ère de la Mondialisation*. Bogor: Center for International Forestry Research.
- German, L., A. Karsenty and A.-M. Tiani, eds. (2010) *Governing Africa's Forests in a Globalized World*. London: Earthscan.
- German, L., J. Mowo, T. Amede and K. Masuki (2012) *Integrated Natural Resource Management in the Highlands of Eastern Africa: From Concept to Practice*. London: Earthscan.
- German, L., J. Ramisch and R. Verma, eds. (2010) *Beyond the Biophysical: Knowledge, Culture and Politics in Agriculture and Natural Resource Management*. Dordrecht: Springer.

Kanninen, M., D. Murdiyarso, F. Seymour, A. Angelsen, S. Wunder and L. German (2007) *Do Trees Grow on Money? The Implications of Deforestation Research for Policies to Promote REDD*. Bogor: Center for International Forestry Research.

Mwitwa, J., A. Muimba-Kankolongo and L. German (2012) *Copper Mining, Forests and Livelihoods in DR Congo and Zambia*. Saarbrücken, Germany: Lambert Academic Publishing.

Journal Articles and Book Chapters

In Review

Jensen-Ryan, D., L. German and R. McDowell (in review) The policy process: A critical assessment of water policymaking in the State of Georgia. *Environmental Politics*.

Unks, R.R., E.G. King, L.A. German, N.P. Wachira and D.R. Nelson (in review) Unevenness in scale mismatches: Institutional change, pastoralist livelihoods, and herding ecology in Laikipia, Kenya. *Geoforum*.

In Press

German, L. A., Foster, K., Cotula, L., Bonanno, A., Juan, J., & Locke, A. (in press) Land governance and inclusive business in agriculture: Advancing the debate. *LEGEND State of the Debate Report 2017*. London: ODI.

Jensen-Ryan, D. and L. German (in press) Environmental science and policy: A meta-synthesis of case studies on boundary organizations and boundary spanning processes. *Science and Public Policy*.

Unks, R.R., E.G. King, D.R. Nelson, N.P. Wachira and L.A. German (in press) Constraints, multiple stressors, and stratified adaptation: Pastoralist livelihood vulnerability in a semi-arid wildlife conservation context in central Kenya. *Global Environmental Change*.

2018

German, L. (2018) Catalyzing self-governance: Addressing multi-faceted collective action dilemmas in densely settled agrarian landscapes. *International Journal of the Commons*.

German, L. A., & Parker, L. (2018) The social construction of “shared growth”: Zambia Sugar and the uneven terrain of social benefit. *Journal of Agrarian Change*. DOI: 10.1111/joac.12270

2017

Brown, T., German, L. A., Jagdish, A., Read, D., Weger, J., Williams, K., Urban, E. (2017) The success of Oconee County and the challenges of implementing USDA agricultural land easements in Georgia. *Food First*.

de Man, R. and L. German (in press) Certifying the sustainability of biofuels: Promise and reality. *Energy Policy* 109: 871-883.

German, L., A. Goetz, T. Searchinger, G. de L.T. Oliveira, J. Tomei, C. Hunsberger and J. Weigelt (2017) *Sine Qua Nons* of sustainable biofuels: Distilling implications of under- performance for national biofuel programs. *Energy Policy* 108: 806-817.

German, L., E. King, R. Unks and P.W. Naiputari (2017) This side of subdivision: Individualization and collectivization dynamics in a Maasai group ranch held under collective title. *Journal of Arid Environments* 144: 139-155.

Goetz, A., L. German, C. Hunsberger and O. Schmidt (2017) Do no harm? Risk perceptions in national bioenergy policies and actual mitigation performance. *Energy Policy* 108: 776-790.

Goetz, A., L. German and J. Weigelt (2017) Scaling up biofuels? A critical look at expectations, performance and governance. *Energy Policy*. doi:10.1016/j.enpol.2017.05.004

Hunsberger, C., L. German and A. Goetz (2017) “Unbundling” the biofuel promise: Querying the ability of liquid biofuels to deliver on socio-economic policy expectations. *Energy Policy* 108: 791-805.

King, E.G., R.R. Unks and L. German (2017) Constraints and capacities for novel livelihood adaptation: Lessons from agricultural adoption in an African dryland pastoralist system. *Regional Environmental Change*, <https://doi.org/10.1007/s10113-017-1270-x>

2016

German, L., E. Cavane, A. Siteo and C. Braga (2016) Private investment as an engine of rural development: A confrontation of theory and practice for the case of Mozambique. *Land Use Policy* 51(2016): 1–14.

German, L., R. Unks and L. King (2016) Green appropriations through shifting contours of authority and property on a pastoralist commons. *Journal of Peasant Studies*. doi 10.1080/03066150.2016.1176562

2015

German, L. (2015) The global land rush: Implications for agricultural communities. *CAB Reviews* 10(33): 1-19.

German, L.A., A.-M. Tiani, A. Daoudi, T. Mutimukuru Maravanyika, et al (2015) Six chapters on participatory action research and its application to climate change adaptation were selected for re-print in a resource book on climate resilience: Gonsalves, J., Campilan, D, Smith, G., VL, B., & Jimenez, F.M., Eds. (2015), *Towards Climate Resilience in Agriculture for Southeast Asia*, pp. 419-426. Hanoi, Vietnam: International Center for Tropical Agriculture.

Mandondo, A. and L. German (2015) Customary rights and societal stakes of large-scale tobacco cultivation in Malawi. *Agriculture and Human Values* 32(1): 31-46. doi:10.1007/s10460-014-9514-6

2014

German, L. (2014) Multi-sited governance of large-scale land acquisitions: Mapping the terrain. *Review of Policy Research* 31(3): 218-252.

German, L. with A. Mandondo, F. Paumgarten and J. Mwitwa (2014) Shifting rights, property & authority in the forest frontier: 'Stakes' for local land users and citizens. *Journal of Peasant Studies* 41(1): 51-78.

Mandondo, A., L. German, H. Utila and U.M. Nthenda (2014) Assessing societal benefits and trade-offs of tobacco in the Miombo woodlands. *Human Ecology* 42(2014): 1-19.

Schoneveld, G.C. and L. German (2014) Translating legal rights into tenure security: Lessons from the new commercial pressures on land in Ghana. *Journal of Development Studies* 50(2): 187-203.

2013

German, L. and D. Gumbo with G. Schoneveld (2013) Large-scale land acquisitions: Exploring the marginal lands narrative in the *Chitemene* system of Zambia. *QA - Rivista dell'Associazione Rossi-Doria* 2(2013): 109-135.

German, L., G. Schoneveld and E. Mwangi (2013) Contemporary processes of large-scale land acquisition in sub-Saharan Africa: Legal deficiency or elite capture of the rule of law? *World Development* 48(2013): 1-18.

Rantala, S. and L.A. German (2013) Exploring village governance processes behind Community-Based Forest Management: legitimacy and coercion in the Usambara Mountains of Tanzania. *International Forestry Review* 15(3): 355-367.

2012

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- Lear, K., E. King, J. Cymerman, L. German and J. Maldonado (2016) Bats, agaves, and people: An interdisciplinary approach to assessing potential “bat-friendly” agave management by Mexican communities. Paper presented at the ‘North American Symposium on Bat Research’.
- Lear, K., J. Maldonado, L. German, E. King and J. Cymerman, J. (2016) “Bat-friendly” Tequila and Mezcal as a new agent for bat conservation in a telecoupled system. Paper presented at the ‘International Association of Landscape Ecology Meetings’.
- Nelson, D.R., E. King, J. McGreevy, L. German and F. Isbell (2016) A Framework to reconcile ecosystem services and adaptive capacities in rapidly transforming dryland social-ecological systems. Global Land Forum, Beijing, China, 25 Oct 2016.

2015

- DePuy, W., R. Unks and L. German (2015) Intimacies and territorialities: Examining novel aspects of neoliberal conservation in Laikipia County, Kenya. Presented at the ‘Annual International Conference of The Royal Geographical Society,’ London, UK.
- German L.A. (2015) *Sine qua non*s in biofuel governance: Lessons from national contexts and multi-level governance (with a focus on land). Presented at the workshop, “Bioenergy: Status Quo, Trends and Sustainability Governance” hosted by the Institute for Advanced Sustainability Studies, University of Potsdam. October 14-15, 2015, Berlin, Germany. [By invitation]
- German, L.A. and L. Parker (2015) Model development? Zambia Sugar and the uneven terrain of social benefit. Presented at the ‘World Bank Conference on Land and Poverty,’ Washington, D.C.: The World Bank.
- German, L.A. and L. Parker (2015) Model development? Zambia Sugar and the uneven terrain of social benefit. Presented at the ‘International Conference on Land Governance for Equitable and Sustainable Development,’ Utrecht University, Utrecht, The Netherlands.
- German, L.A., Unks, R., & King, L. (2015) The recursive constitution of property and authority: Green appropriations through shifting contours of rights and authority on a Maasai group ranch. Presented at the ‘International Conference on Land Governance for Equitable and Sustainable Development,’ Utrecht University, Utrecht, The Netherlands.
- Jensen-Ryan, D. and L. German (2015) Environmental science and policy: A meta-synthesis of case studies on boundary organizations and boundary spanning processes. Paper presented at the ‘Atlanta Conference on Science and Innovation Policy,’ Atlanta, GA, September 17-19, 2015.
- King, E.G., L. German and R. Unks (2015) Novelty, uncertainty, and adaptability: Risk perceptions and coping strategies of Kenyan pastoralists in a rapidly changing world. Paper presented at the ‘Ecological Society of America Annual Meeting,’ Baltimore, MD, 9-14 August, 2015.
- Weger, J., D. Read, A. Jagadish, U. Kalita, L. Van Sant and L. German (2015) Farmland protection and the USDA: Opportunities and barriers to social equity. Paper presented at the ‘Southern Anthropological Society 50th Anniversary Meeting,’ Athens, GA, 9-11 April, 2015.

2014

- Cavane, E., L. German, A. Siteo and C. Braga (2014) Securing land rights and community participation: Lessons on land demarcation in Mozambique. Presented at the ‘Annual World Bank Conference on Land and Poverty,’ World Bank, Washington, DC, March 24-27, 2014.
- Cavane, E., L. German, A. Siteo and C. Braga (2014) Sistematização das Experiências da Iniciativa para Terras Comunitárias na Delimitação de Terras Comunitárias no âmbito da Implementação da Lei de Terras. Paper presented at the ‘Conferência Nacional da Iniciativa para Terras Comunitárias,’

Chidenguele, Mozambique, 24-25 April, 2014.

Cavane, E., L. German, A. Siteo and C. Braga (2014) Sistematização das Experiências da Iniciativa para Terras Comunitárias na Demarcação de Terras Comunitárias no âmbito da Implementação da Lei de Terras. Paper presented at the 'Conferência Nacional da Iniciativa para Terras Comunitárias,' Chidenguele, Mozambique, 24-25 April, 2014.

German, L., E. Cavane, A. Siteo and C. Braga (2014) Challenges and opportunities for securing local benefits from private sector investment: Lessons from Mozambique. Paper presented at the 'Annual World Bank Conference on Land and Poverty,' March 24-27, 2014, Washington, D.C.

2013

German, L. (2013) Large-Scale Investments in Chitemene Farmland: Exploring the Marginal Lands Narrative in Zambia's Northern Province. Paper presented at the '14th Biennial Conference of the International Association for the Study of the Commons,' June 3-7, 2013, Mt. Fuji, Japan.

2012

German, L. (2012) The impacts and trade-offs of large-scale land acquisition: Challenges and opportunities for multi-level governance. Paper presented at the 'World Bank Conference on Land and Poverty,' April 23-26, 2012.

German, L. (2012) Large-scale land acquisitions in the global South: A look at the rationalization narratives. Paper presented at the 50th Anniversary of the Land Tenure Center, Madison, Wisconsin, April 28-29, 2012.

German, L. (2012) Multi-level governance of large-scale land acquisitions: Mapping the terrain. Paper presented at the 'International Conference on Global Land Grabbing II,' Cornell University, October 17-19, 2012.

2011

German, L. (2011) Forest governance in the context of globalized trade and investment. Paper presented at the 'CGIAR Science Forum,' Beijing, China, October 17-19, 2011.

German, L. (2011) Social and environmental impacts of biofuels in forest frontiers. Paper presented at the 'Durban Trade and Climate Change Symposium' at COP 17, December 6, 2011.

German, L. (2011) Trade-offs associated with large-scale land acquisitions (in the forest frontier): Towards a metric to support policy decisions. Paper presented at the 'World Bank Conference on Land and Poverty,' April 18-20, 2011.

German, L. and P. Cerutti (2011) A framework for evaluating the impacts of expanded trade and investment on forests: Customary rights and societal stakes. Paper presented at the '13th Biennial Conference of the International Association for the Study of the Commons,' Hyderabad, India, 10-14 January, 2011.

German, L., G. Schoneveld and E. Mwangi (2011) Processes of large-scale land acquisition: Case studies from Sub-Saharan Africa. Paper presented at the 'International Conference on Global Land Grabbing,' Institute of Development Studies, Sussex, UK, April 6-8, 2011 and at the 'CSIR-SADC Workshop on Biofuels and Science-Policy Exchange,' Johannesburg, South Africa, 29 August-01 September, 2011.

German, L., G. Schoneveld, M. Skutch, R. Andriani, H. Komarudin, K. Obidzinski and P. Pacheco (2011) Rural livelihood impacts of Biofuels: Case studies from Asia, Africa and Latin America and implications for governance. Paper presented at the 'CSIR-SADC Workshop on Biofuels and Science-Policy Exchange,' Johannesburg, South Africa, 29 August-01 September, 2011.

Mandondo, A. and L. German (2011) Customary rights and societal stakes of large-scale tobacco cultivation in Malawi. Paper presented at the '13th Biennial Conference of the International Association for the Study of the Commons,' Hyderabad, India, 10-14 January, 2011.

Mwitwa, J., F. Paumgarten and L. German (2011) Customary rights and societal stakes associated with mining in the Copperbelt of Zambia and DRC. Paper presented at the '13th Biennial Conference of the International Association for the Study of the Commons,' Hyderabad, India, 10-14 January, 2011.

Schoneveld, G. and L. German (2011) Customary rights and societal stakes of jatropha expansion in Ghana. Paper presented at the '13th Biennial Conference of the International Association for the Study of the Commons,' Hyderabad, India, 10-14 January, 2011.

2010

- German, L. (2010) Land grab or economic development? Exploring the trade-offs of expanding commercial pressures on forests. Paper presented at Yale Forest Forum, January 14, 2010.
- German, L., E. Kemp-Benedict and G. von-Maltitz (2010) Bioenergy Scenarios as an Approach to Regional Policy Engagement. Paper presented at 'SADC Biofuels Scenario Workshop,' June 16-18, 2010, Dar es Salaam, Tanzania.
- German, L., G. Schoneveld, M. Skutch, R. Andriani, H. Komarudin, K. Obidzinski and P. Pacheco (2010) Social and environmental impacts and trade-offs of biofuels: A global comparative study. Paper presented at a side event at COP 16, 'Biofuel expansion in the forest frontier: Trends, impacts and implications for governance,' Cancun, Mexico, December 6, 2010.
- Schoneveld, G., L. German and E. Nukator (2010) Towards sustainable biofuel development: Assessing the local impacts of large-scale foreign land acquisitions in Ghana. Paper presented at the 'World Bank Land Governance Conference,' 26-27 April, 2010.

Consultancies

- 09/2018 *Chemonics*. Short-term consultancy to provide a critical review of the academic literature on integration of land with other sectors and on women's property rights.
- 06/2018 *Columbia Center on Sustainable Investment (CCSI)*, a joint initiative of the Columbia Law School and the Earth Institute, Columbia University. Invited as the only external resource person for the Sustainable Investments in Agriculture Executive Training Program.
- 2016-2018 *International Center for Land Policy Studies and Training, Taoyuan, Taiwan*. Invited to teach a session entitled, "Situating the Local in Land Relations" in the 129th, 133rd and 137th Regular Session on Land Policy for Sustainable Rural Development.
- 01-08/2017 *Overseas Development Institute*. Engaged to write second annual State-of-the-Debate report of DFID's LEGEND program on inclusive business in agriculture.
- 11/2016 *Chemonics*. Short-term consultancy to support proposal development under the USAID Strengthening Tenure and Resource Rights II program.
- 05/13-03/14 *Community Lands Initiative, Mozambique*. External collaborators on a project led by Eduardo Mondlane University to distill lessons on Community Lands Initiative efforts to delimit and demarcate community lands and foster community-investor partnerships in 5 provinces of Mozambique.
- 07/2013 *Associação Rural de Ajuda Mutua (ORAM), Nampula, Mozambique*. Designed and taught a short course entitled, "Supporting Local Communities in Partnership Negotiations with Investors" for ORAM field staff in Nampula Province, Mozambique.
- 02-03/2012 *Roundtable for Sustainable Biofuels, Lausanne, Switzerland*. Member of 'Expert Group' supporting the refinement of the RSB social standard, including the evaluation and revision of RSB screening tools, guidelines and key definitions ('region of poverty', 'region of food insecurity'), and development of a proposal for revising social indicators.