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EDUCATION

Ph.D. Anthropology, University of California, Los Angeles 2003
M.A. Anthropology, Leiden University, Netherlands 1995

ACADEMIC APPOINTMENTS

Professor, 2020-present, Department of Anthropology, The Ohio State University

Professor, courtesy appointment, 2013-present, Department of Linguistics, The Ohio State University

RESEARCH INTERESTS

Pastoral systems, management of common-pool resources, coupled human and natural systems, complex adaptive systems, regime shifts, resilience, ecology of infectious diseases, transdisciplinary training, wicked problems, wicked science.

JOURNAL ARTICLES

Moritz, Mark, Benjamin Cross, Chelsea E. Hunter. 2023. Artificial Pastoral Systems: A Review of Agent-Based Modeling Studies of Pastoral Systems. *Pastoralism: Research, Policy, and Practice*: 13: 31. 10.1186/s13570-023-00293-5.

Moritz, Mark, Chelsea E. Hunter, Daniel C. Peart, Abigail Buffington, Andrew J. Yoak, Jason R. Thomas, Rebecca Garabed, and Ian M. Hamilton. 2023. Coupled demographic dynamics of herds and households constrain livestock population growth in pastoral systems. *Human Ecology*: 51(4): 641–653.

Moritz, Mark and Mamediarra Mbacke. 2022. The danger of a Single Story about Fulani Pastoralists. *Pastoralism: Research, Policy, and Practice*. 12(14):10 10.1186/s13570-021-00227-z

Ruth, Alissa, Katherine Mayfour, Jessica Hardin, Thurka Sangaramoorthy, Amber Wutich, H. Russell Bernard, Alexandra Brewis, Melissa Beresford, Cindi SturtzSreetharan, Bryan McKinley Jones Brayboy, H.J. François Dengah, Clarence C. Gravlee, Greg Guest, Krista Harper, Pardis Mahdavi, Siobhán M. Mattison, Mark Moritz, Rosalyn Negrón, Barbara A. Piperata, Jeffrey G. Snodgrass, Rebecca Zarger. 2022 Teaching Ethnographic Methods: The State of the Art. *Human Organization*. 81 (4): 401–412. 10.17730/1938-3525-81.4.401

Pisor, Anne C., Xavier Basurto, Kristina G. Douglass, Katharine J. Mach, Elspeth Ready, Jason M. Tylianakis, Ashley Hazel, Michelle A. Kline, Karen L. Kramer, J. Stephen Lansing, Mark Moritz, Paul E. Smaldino, Thomas F. Thornton, James Holland Jones. 2022. Effective climate-change adaptation means supporting community autonomy. *Nature Climate Change*. 12:213-215. 10.1038/s41558-022-01303-x

Scholte, Paul, Olivier Pays, Saleh Adam, Bertrand Chardonnet, Herve Fritz, Jean-Baptiste Mamang, Herbert H.T. Prins, Pierre-Cyril Renaud, Patrick Tadj, Mark Moritz. 2022. Conservation overstretch and long-term decline of wildlife and tourism in the Central African savannas. *Conservation Biology*. 36(2): e13860. <https://doi.org/10.1111/cobi.13860>

Schareika, Nikolaus, Christopher Brown, Mark Moritz. 2021. Critical Transitions from Pastoralism to Ranching in Central Africa. *Current Anthropology*, 62(1):53-76.

Kawa, Nicholas C., Mark Anthony Arceño, Ryan Goeckner, Chelsea E. Hunter, Steven J. Rhue, Shane A. Scaggs, Matthew E. Biwer, Sean S. Downey, Julie S. Field, Kristen Gremillion, Joy McCorriston, Anna Willow, Elizabeth Newton, and Mark Moritz. 2021. Training Wicked Scientists for a World of Wicked Problems. *Humanities and Social Sciences Communications*. 8(1):4.

Shastri, Apoorva Michael Durand; Jeffrey Neal; Alfonso Fernández; Sui Chian Phang; Brandon Mohr; Hahn Chul Jung; Saïdou Kari; Mark Moritz; Bryan Mark; Sarah Laborde; Asmita Murumkar; Ian Hamilton. 2020. Small-scale anthropogenic changes impact floodplain hydraulics: simulating the effects of fish canals on the Logone Floodplain. *Journal of Hydrology*, 588: 125035. 125035.10.1016/j.jhydrol.2020.125035.

Ball, Lawrence, Douglas MacMillan, Joseph Tzanopoulos, Andrew Spalton, Hadi Al Hikmani, and Mark Moritz. 2020. Contemporary Pastoralism in the Dhofar Mountains of Oman. *Human Ecology* 48(3):267-277. 10.1007/s10745-020-00153-5

Moritz, Mark, Shane Scaggs, Craig Shapiro, Sarah Hinkelman. 2020 Comparative Study of Territoriality across Forager Societies. *Human Ecology* 48(2):225-234. 10.1007/s10745-020-00141-9.

Murumkar, Asmita, Michael Durand, Alfonso Fernández, Mark Moritz, Bryan Mark, Ian Hamilton, Sui C Phang, Sarah Laborde, Apoorva Shastri, Paul Scholte. 2020. Trends and Spatial Patterns of 20th century Temperature, Rainfall and PET in the semi-arid Logone River Basin, Sub-Saharan Africa. *Journal of Arid Environments* 178: 104168. 10.1016/j.jaridenv.2020.104168

Pomeroy, Laura W., Hyeyoung Kim, Ningchuan Xiao, Mark Moritz, Rebecca Garabed. 2019. Network analyses to quantify effects of host movement in multilevel disease transmission models using foot and mouth disease in Cameroon as a case study. *PLoS Computational Biology*. 15(8): e1007184. doi.org/10.1371/journal.pcbi.1007184.

Schnell, Patrick M., Yibo Shao, Laura Pomeroy, Joseph Tien, Mark Moritz, Rebecca Garabed. 2019. Modeling the role of carrier and mobile herds on foot-and-mouth disease virus endemicity in the Far North Region of Cameroon. *Epidemics*. 29:100355. 10.1016/j.epidem.2019.100355.

- Pomeroy, Laura W., Mark Moritz, Rebecca Garabed. 2019. Network analyses of transhumance movements indicate that they alone cannot maintain endemic foot-and-mouth disease among mobile pastoralists in Cameroon. *Epidemics*, 28:100334. 10.1016/j.epidem.2019.02.005.
- Moritz, Mark, Elizabeth Gardiner, Mark Hubbe, Amber L. Johnson. 2019. A Comparative Study of Pastoral Property Regimes in Africa offers no support for Economic Defensibility Model, *Current Anthropology*, 60(5):609-636. doi.org/10.1086/705240.
- Moritz, Mark, Victoria Garcia, Abigail Buffington, Mouadjamou Ahmadou. 2019. Pastoralist Refugee Crisis tests the Resilience of Open Property Regime in the Logone Floodplain, Cameroon. *Land Use Policy*. 86(2019):31-42.
- Moritz, Mark, Roy Behnke, Christine M. Beitzl, Rebecca Bliege Bird, Rafael Morais Chiaravalloti, Julia K. Clark, Stefani A. Crabtree, Sean S. Downey, Ian M. Hamilton, Sui Chian Phang, Paul Scholte, and James A. Wilson. 2018. Emergent sustainability in open property regimes. *Proceedings of the National Academy of Sciences* 115 (51):12859. 10.1073/pnas.1812028115.
- Bertram, Miranda R., Carla Bravo de Rueda, Rebecca Garabed, Simon Dickmu Jumbo, Mark Moritz, Steven Pauszek, Souley Abdoukadi, Luis L Rodriguez, Jonathan Arzt. 2018. Investigating Effects of Transboundary Animal Movement on the Molecular Epidemiology of Foot-and-Mouth Disease Virus in the Far North Region of Cameroon. *Frontiers in Veterinary Science*, section Veterinary Infectious Diseases 5(320):1-14.
- Laborde, Sarah, Sui Chian Phang, Mouadjamou Ahmadou, Nathaniel Henry, Alfonso Fernández, Michael Durand, Ian M. Hamilton, Saïdou Kari, Aboukar Mahamat, Bryan Mark, Paul Scholte, Apoorva Shastry, Roland Ziebe, and Mark Moritz. 2018. Co-producing research in the “Red Zone”: Adaptation to fieldwork constraints with a transdisciplinary approach. *The Geographical Journal*. 184(4): 369-383.
- Fernández, Alfonso, Mohammad Reza Najafi, Michael Durand, Bryan G. Mark, Mark Moritz, Hahn Chul Jung, Jeffrey Neal, Apoorva Shastry, Sarah Laborde, Sui Chian Phang, Ian M. Hamilton, and Ningchuan Xiao. 2018. Corrigendum to ‘Testing the skill of numerical hydraulic modeling to simulate spatiotemporal flooding patterns in the Logone floodplain, Cameroon’ [*Journal of Hydrology*, volume 539 (2016) 265-280]. *Journal of Hydrology* 562:833-834.
- Laborde, Sarah, Aboukar Mahamat, Mark Moritz. 2018. The Interplay of top-down planning and adaptive self-organization in an African Floodplain. *Human Ecology*. 46(2):171-182.
- Moreno-Torres, Karla, Devinn Sinnott, Barbara Wolfe, Mark Moritz, William Saville, Antoinette Marsh, Rebecca Garabed. 2018. Risk of environmental exposure to small coccidia from wild canid feces in rural Ohio. *American Journal of Veterinary Research*. 79(11):1179-1187. DOI: 10.2460/ajvr.79.11.1179.
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wildlife poaching in Waza National Park, Cameroon, Conservation and Society. 16 (2): 125-135. DOI: 10.4103/cs.cs_16_153.

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Moritz, Mark, 2017. Misreading a pastoral property regime in the Logone Floodplain, Cameroon. *Ecology and society* 22(1):13. <https://doi.org/10.5751/es-09055-220113>.

Vougat Ngom, Ronald Romuald B., Tiédja Tomdieu, Roland Ziébé, Harquin Simplicie Foyet, Mark Moritz, Lazare Vondou, Dwayne E. Schrunk, Paula M. Imerman, Wilson K. Rumbeiha, and Rebecca B. Garabed. 2017. Quality of veterinary pharmaceuticals and their use by pastoralists in the Far North Region of Cameroon. *Pastoralism* 7 (1):6. <https://pastoralismjournal.springeropen.com/articles/10.1186/s13570-017-0081-5>.

Pomeroy, L.W., Bansal, S., Tildesley, M., Moreno Torres, K.I., Moritz, M., Xiao, N., Carpenter, T.E., and Garabed, R.B. 2017. Data-driven models of foot-and-mouth disease dynamics: a review. *Transboundary and Emerging Diseases*. 64(3):716-728 DOI: 10.1111/tbed.12437.

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Kim, Hyeyoung, Ningchuan Xiao, Mark Moritz, Rebecca Garabed, Laura Pomeroy. 2016. Simulating the transmission of foot-and-mouth disease among mobile herds in the Far North Region, Cameroon, *Journal of Artificial Societies and Social Simulation*, 19(2):6. DOI: 10.18564/jasss.3064.

Moritz, Mark, Sarah Laborde, Sui Chian Phang, Mouadjamou Ahmadou, Michael Durand, Alfonso Fernandez, Ian M. Hamilton, Saïdou Kari, Bryan Mark, Paul Scholte, Ningchuan Xiao, Roland Ziebe. 2016. Studying the Logone floodplain, Cameroon as a Coupled Human and Natural System. *African Journal of Aquatic Sciences*, 41(1):99-108. 10.2989/16085914.2016.1143799.

Jessica Healy-Profitós, Seungjun Lee, Arabi Mouhaman, Rebecca Garabed, Mark Moritz, Barbara Piperata, and Jiyoung Lee. 2016. Neighborhood diversity of potentially pathogenic bacteria in drinking water from the city of Maroua, Cameroon. *Journal of Water and Health*. 14(3):559-570. 10.2166/wh.2016.204.

Jasper van Vliet, Peter H. Verburg, Nick Magliocca, Erle C. Ellis, Bianka Buchner, Elizabeth Cook, José M. Rey Beneyas, Andreas Heinemann, Eric Keys, Tien Ming Lee, Jianguo Liu, Ole Mertz, Patrick Meyfroidt, Mark Moritz, Brian E. Robinson, Ralf Seppelt. 2016. Meta-studies in land system science. *Ambio*. 45(1): 15–28.

Ludi, A., Z. Ahmed, L. W. Pomeroy, S. Pauszek, G. Smoliga, M. Moritz, S. Dickmu, S. Abdoukadi, J. Arzt, R. Garabed, L. Rodriguez. 2016. Serotype Diversity of Foot-and-Mouth-Disease Virus in Livestock Without History of Vaccination in the Far North Region of Cameroon. *Transboundary and Emerging Diseases*. 63(1):27-38.

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Moritz, Mark, Ian M. Hamilton, Andrew J. Yoak, Paul Scholte, Jeff Cronley, Paul Maddock, Hongyang Pi. 2015. Simple Movement Rules result in Ideal Free Distribution of Mobile Pastoralists. *Ecological Modelling*. 305:54-63.

Moritz, Mark, Sara Handa, Yu-Jen Chen, Ningchuan Xiao. 2015. Herding Contracts and Pastoral Mobility in the Far North Region of Cameroon. *Human Ecology*. 43(1):141-151.

Healy Profitós, Jessica, Arabi Mouhaman, Seungjun Lee, Rebecca Garabed, Mark Moritz, Barbara Piperata, Joe Tien, Michael Bisesi, Jiyoung Lee. 2014. Muddying the Waters: A New Area of Concern for Drinking Water Contamination in Developing Countries. *International Journal of Environmental Research and Public Health*. 11:12454-12472.

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Moritz, Mark, Ian M. Hamilton, Yu-Jen Chen, Paul Scholte. 2014. Mobile pastoralists in the Logone Floodplain distribute themselves in an Ideal Free Distribution. *Current Anthropology*. 55(1):115-122.

Moritz, Mark, Larissa Bebis, Albert K. Drent, Saïdou Kari, Arabi Mouhaman, Paul Scholte. 2013. Rangeland Governance in an Open System: Protecting Transhumance Corridors in the Far North Province of Cameroon. *Pastoralism: Research, Policy and Practice*. 3(26) DOI: 10.1186/10.1186/2041-7136-3-26.

- Sayre, Nathan F., Ryan R. J. McAllister, Brandon T. Bestelmeyer, Mark Moritz, Matthew D. Turner. 2013. Earth Stewardship on Rangelands: Coping with Ecological, Economic, and Political Marginality. *Frontiers in Ecology and the Environment*. 11(7): 348–354.
- Moritz, Mark, Paul Scholte, Ian M. Hamilton, Saïdou Kari. 2013. Open Access, Open Systems: Pastoral Management of Common-Pool Resources in the Chad Basin. *Human Ecology*. 41(3):351–365.
- Moritz, Mark. 2013. Livestock Transfers, Risk Management, and Human Careers in a West African Pastoral System. *Human Ecology*. 41(2):205-219.
- Healy Profitós, Jessica, Mark Moritz, Rebecca B. Garabed. 2013. What to do with chronically sick animals? Pastoralists' Management Strategies in the Far North Region of Cameroon. *Pastoralism: Research, Policy and Practice* 3:8.
- Moritz, Mark, Daniel Ewing, Rebecca B. Garabed. 2013. On Not Knowing Zoonotic Diseases: Pastoralists' Ethnoveterinary Knowledge in the Far North Region of Cameroon. *Human Organization*. 72(1):1-11.
- Moritz, Mark, Zachary Galehouse, Qian Hao, Rebecca Garabed. 2012. Can One Animal Represent an Entire Herd? Modeling Pastoral Mobility using GPS/GIS Technology. *Human Ecology*. 40(4):623-630.
- Moritz, Mark. 2012. Pastoral Intensification in West Africa: Implications for Sustainability. *Journal of the Royal Anthropological Institute*. 18(2):418-438.
- Moritz, Mark and Paul Scholte. 2011. Ethical Predicaments: Advocating security for mobile pastoralists in weak states. *Anthropology Today*. 27(3):12-17.
- Moritz, Mark, Julia Giblin, Miranda Ciccone, Andrea Davis, Jesse Fuhrman, Masoumeh Kimiaie, Stephanie Madzsar, Kyle Olson, Matthew Senn. 2011. Social Risk Management Strategies in Pastoral Systems: A Qualitative Comparative Analysis. *Cross-Cultural Research* 45(3):286-317.
- Moritz, Mark, Kristen K. Ritchey, Saïdou Kari. 2011. The Social Context of Herding Contracts in the Far North Region of Cameroon. *Journal of Modern African Studies* 49(2):263-285.
- Jung, Hahn Chul, Doug Alsdorf, Mark Moritz, Hyongki Lee, Sara Vassolo. 2011. Analysis of the relationship between flooding area and water height in the Logone floodplain. *Physics and Chemistry of the Earth* 36(7-8):232-240.
- Moritz, Mark, Eric Soma, Paul Scholte, Ningchuan Xiao, Todd Juran, Leah Taylor, Saïdou Kari. 2010. An Integrated Approach to Modeling Grazing Pressure in Pastoral Systems: The Case of the Logone Floodplain (Cameroon). *Human Ecology* 38(6):775-789.
- Moritz, Mark. 2010. Understanding Herder-Farmer Conflicts in West Africa: Outline of an Analytical Approach. *Human Organization* 69(2):138-148.
- Moritz, Mark. 2010. Crop-livestock interactions in agricultural and pastoral systems in West Africa. *Agriculture and Human Values*. 27(2):119-128.

Moritz, Mark, Britney Kyle, Kevin C. Nolan, Steve Patrick, Marnie F. Shaffer, Gayatri Thampy. 2009. Too Many people and Too Few Livestock in West Africa? An Evaluation of Sandford's Thesis. *Journal of Development Studies* 45(7):1-21.

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Moritz, Mark. 2005. FulBe Pastoralists and the Neo-Patrimonial State in the Chad Basin. *Geography Research Forum*. 25:83-104.

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Moritz, Mark, Paul Scholte, and Saïdou Kari. 2002. The demise of the nomadic contract: arrangements and rangelands under pressure in the Far North of Cameroon. *Nomadic Peoples* 6(1):124-143.

CHAPTERS IN EDITED BOOKS

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Moritz, Mark, Paul Scholte, Ian M. Hamilton, and Saïdou Kari. 2019. Open Access, Open Systems: Pastoral Resource Management in the Chad Basin. In *Global Perspectives on Long Term Community Resource Management*, edited by L. R. Lozny and T. H. McGovern. Pp. Cham: Springer International Publishing. 165-187. (This is an updated version of our 2013 paper in *Human Ecology*).

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Moritz, Mark. 2016. Networks and Hazard Adaptation among West African Pastoralists. *In* Social Networks and Disasters, edited by E. C. Jones and A. J. Faas. Amsterdam (Netherlands): Elsevier. Pp. 193-207. (This is an edited version of my 2013 paper in Human Ecology).

Moritz, Mark. 2015. FulBe Pastoralists and the Neo-Patrimonial State in the Chad Basin. *In* The Ecology of Pastoralism. N. Kardulias, ed. Boulder: University Press of Colorado. Pp. 171-194. (This is a reprint of my 2005 paper in Geography Research Forum.)

Moritz, Mark, Larissa Bebis Catherine, Albert K. Drent, Saïdou Kari, Arabi Mouhaman, and Paul Scholte. 2014. Rangeland Governance in an Open System: Protecting Transhumance Corridors in the Far North Region of Cameroon. *In* The Governance of Rangelands: Collective Action for Sustainable Pastoralism, edited by P. M. Herrera, J. M. Davies and P. M. Baena. Pp. 168-180. London: Routledge. (This is a reprint of our 2013 paper in Pastoralism.)

Moritz, Mark. 2012. Individualization of Livestock Ownership in Fulbe Family Herds: The Effects of Pastoral Intensification and Islamic Renewal. *In* Who owns the stock? Collective and multiple forms of property in animals. A. Khazanov and G. Schlee, eds. Pp. 193-214. Oxford: Berghahn.

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Moritz, Mark. 2006. Economic anthropology. *In* International Encyclopedia of Economic Sociology. M. Zafirovski and J. Beckert, eds. Pp. 170-172. London: Routledge.

Moritz, Mark. 2006. Traditional economies. *In* International Encyclopedia of Economic Sociology. M. Zafirovski and J. Beckert, eds. Pp. 677-679. London: Routledge.

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Kouokam, Roger, Mark Moritz, Daniel Ngantou, and Paul Loth. 2004. Conflicts and conflict management in the Waza Logone Floodplain. *In* The return of the water. P. Loth, ed. Pp. 69-74. Gland (Switzerland): IUCN.

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BOOK REVIEWS

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NEWS, REPORTS, BLOG POSTS, AND OTHER PUBLICATIONS

Moritz, Mark and Nicholas C. Kawa. 2022. The world needs wicked scientists. *American Scientist* 110 (July-August): 212-217. <https://doi.org/10.1511/2022.110.4.212>.

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Jessica Healy Profitos, Barbara Piperata, Mark Moritz, Jiyoung Lee, Rebecca Garabed Michael Gundich, Arabi Mouhaman, Mouadjamou Ahmadou, Seungjun Lee. 2016. One Health Research in Cameroon: A Critical Role for Anthropologists. *Practicing Anthropology*. 38(4):27-30.

Moritz, Mark, and Mouadjamou Ahmadou. 2016. Pastoralists fleeing Boko Haram face new challenges in Cameroon. *The Conversation*, August, 2016. theconversation.com/pastoralists-fleeing-boko-haram-face-new-challenges-in-cameroon-60411

Moritz, Mark. 2016. 'Big data's 'streetlight effect': where and how we look affects what we see'. *The Conversation*, May 16, 2016. theconversation.com/big-datas-streetlight-effect-where-and-how-we-look-affects-what-we-see-58122

Moritz, Mark. 2016. To be translational, data analytics must consider data context and meaning. Blog post for TDA@OSU website, April 13, 2016. discovery.osu.edu/tda/discussion/2016/04/13/to-be-translational-data-analytics-must-consider-data-context-and-meaning/

Moritz, Mark, 2013. Teaching Ethnographic Research through a Collaborative Project. *Anthropology News* 54(11-12):11-12.

Moritz, Mark, Michael Paolisso, Courtney Carothers, Sean Downey, Kathleen Galvin, Drew Gerkey, Steven Lansing, Terrence McCabe, Amber Wutich, Rebecca Zarger. 2013. Anthropologists at the All Scientists Meeting of the Long Term Ecological Research Network. *Anthropology News* online (March 1, 2013).

Moritz, Mark, Michael Paolisso, Courtney Carothers, Sean Downey, Kathleen Galvin, Drew Gerkey, Steven Lansing, Terrence McCabe, Amber Wutich, Rebecca Zarger. 2012. Ecological Anthropologists at ASM to explore contributions to LTER. *LTER Network News* 25(3).

Moritz, Mark. 2011. Funding for interdisciplinary research. *Anthropology News* 52(8):5.

Moritz, Mark. 2009. Research in the Chad Basin at the Ohio State University. *Mega-Chad Bulletin*:45-49.

Moritz, Mark. 2009. Teaching Fieldwork Ethics through Instructor Experience. *Anthropology News* 50(6):33.

Moritz, Mark. 2008. Integrating Wikis in Anthropology Courses. *Anthropology News* 49(3):31.

Moritz, Mark, and Francis Tarla. 1999. Fulani Pastoralists' Perceptions and Perspectives on Rangelands and its Degradation in Northern Cameroon. *Mega-Chad Bulletin* (1&2):16.

Scholte, Paul, Saïdou Kari, and Mark Moritz. 1996. The Involvement of Nomadic and Transhumance Pastoralists in the Rehabilitation and Management of the Logone Flood Plain, North Cameroon. *IIED Drylands Programme Issues Paper* (66):1-21.

Moritz, Mark. 1994. A Harde is a Pasture where no Grass grows or Water Infiltrates: Pastoralists Perceptions of Pastures in North Cameroon. Environment and development student report 35: Centre for Environmental Studies, Leiden University.

Moritz, Mark. 1994. Yaake, yaayre wi'ete no yaayre: pastoralists' perceptions of and adaptation to rangeland degradation of the Logone floodplain, Waza Logone Project (IUCN).

AGENT-BASED MODELS

Hunter, Chelsea E, Daniel C Peart, Abigail Buffington, Andrew J. Yoak, Ian M Hamilton, and Mark Moritz. 2023. Coupled demographic dynamics of herd and household in pastoral systems (version 1.0.0). CoMSES Computational Model Library <https://doi.org/10.25937/r3hr-k535>.

Peart, Daniel C., Chelsea E Hunter, Ian M Hamilton, Mark Moritz. 2022. Infectious diseases model for mixed-methods research chapter (Version 1.0.0). CoMSES Computational Model Library. <https://doi.org/10.25937/zhxc-wv32>.

Henry, Nathaniel, Sarah Laborde, Mark Moritz. 2016. Simulating the Economic Impact of Boko Haram on a Cameroonian Floodplain (Version 2). CoMSES Computational Model Library. <https://www.comses.net/codebases/5246/releases/1.2.0/>.

Buffington, Abigail, Andrew J. Yoak, Ian M. Hamilton, Rebecca Garabed, Mark Moritz. 2016. Family Herd Demography Model (version 1) CoMSES Computational Model Library. <https://www.comses.net/codebases/5162/releases/1.2.0/> . DOI: 10.25937/vtjx-bm91.

Hyeyoung Kim, Ningchuan Xiao, Mark Moritz, Rebecca Garabed, Laura W. Pomeroy. 2016. Simulating the Transmission of Foot-And-Mouth Disease Among Mobile Herds in the Far North Region, Cameroon. CoMSES Computational Model Library. <https://www.comses.net/codebases/4977/releases/1.0.0/>.

Moritz, Mark (2015, June 30). Dry season bottleneck in a pastoral ecosystem (Version 3). CoMSES Computational Model Library. CoMSES Computational Model Library. <https://www.openabm.org/model/4644>.

Moritz, Mark, Ian M. Hamilton, Andrew Yoak, Hongyang Pi, Jeff Cronley, Paul Maddock (2015, April 9). Ideal Free Distribution of Mobile Pastoralists in the Logone Floodplain, Cameroon (Version 4). CoMSES Computational Model Library. <https://www.comses.net/codebases/4242/releases/1.4.0/> DOI: 10.25937/vj3n-dt26.

PUBLISHED DATA SETS

Moritz M (2018) Data from: Simulating the transmission of foot-and-mouth disease among mobile herds in the Far North Region, Cameroon. Movebank Data Repository. doi:10.5441/001/1.61896g63.

Moritz M (2018) Data from: Spatial and temporal characteristics of pastoral mobility in the Far North Region, Cameroon: data analysis and modeling. Movebank Data Repository. doi:10.5441/001/1.pk5ps1r3.

Moritz M (2018) Data from: An integrated approach to modeling grazing pressure in pastoral systems: the case of the Logone Floodplain (Cameroon). Movebank Data Repository. doi:10.5441/001/1.j682ds56.

Moritz M (2018) Data from: Can one animal represent an entire herd? Modeling pastoral mobility using GPS/GIS technology. Movebank Data Repository. doi:10.5441/001/1.qr133162.

Moritz M (2019) Data from: Pastoralist refugee crisis tests the resilience of open property regime in the Logone Floodplain, Cameroon. Movebank Data Repository. doi:10.5441/001/1.c45f2p05.

Moritz M (2019) Data from: Ideal Free Distributions of mobile pastoralists within multiple seasonal grazing areas. Movebank Data Repository. doi:10.5441/001/1.md069588

Moritz, M. (2021). Simulating the effects of fish canals on the Logone Floodplain, HydroShare, <https://doi.org/10.4211/hs.6f96b71a982743c2905e00de35bdb817>.

MEDIA PRESENCE

In Common podcast, Seeing Like a Pastoralist with Mark Moritz, <https://www.incommonpodcast.org/podcast/084-seeing-like-a-pastoralist-with-mark-moritz/> (January 24, 2022).

Voices of Excellence podcast, College of Arts and Sciences, Sedentary versus pastoralists logic with Mark Moritz, https://soundcloud.com/voices_arts_sciences/moritz (January 12, 2022).

The Art of the Range podcast, AoR 85: Pastoralists displaced in Cameroon, Africa – Mark Moritz and Paul Scholte, <https://artofrange.com/episodes/aor-85-pastoralists-displaced-cameroon-africa-mark-moritz-paul-scholte>.

The Story of Us, Migration Series – Episode 2b – Conversation with Mark Moritz and Erin Kane, <https://u.osu.edu/astoryofus/2016/10/06/migration-series-episode-2b-conversation-with-dr-mark-moritz-and-erin-kane/>.

RESEARCH GRANTS

National Science Foundation, 2022-2025

- IGE: Training Scientists to Tackle Grand Challenge Societal Problems through Convergent Action in Transdisciplinary Teams, Mark Moritz (PI), Nicholas Kawa, Alison Bennett, Elizabeth Newton, Yolanda Zepeda, Charlene Brenner, Rachel Kajfez, Teresa Johnson, David Sovic, Ethan Rivera. \$499,552 (DGE-2224769).

National Science Foundation, 2022-2024

- Doctoral Dissertation Research: Co-managing sovereignty: The role of ontological commitments in collaborative conservation projects, with Chelsea Hunter. \$31,484 (BCS-2147716).

National Science Foundation, 2022-2022

- REG: Exploring Intergenerational Environmental Relationships through Photovoice in Manawan, Quebec, with Benjamin Mertus and Anna Willow, \$5,950 (BCS-2222187).

National Science Foundation, 2021-2022

- REG: Contemporary Lakota Activism, Senses of Belonging, and Mental Health, with Ryan Goeckner and Anna Willow, \$4,736 (BCS-2125029).

National Science Foundation, 2020-2021

- REG: Ridge-to-Reef Systems and Conservation in New Caledonia, with Chelsea Hunter. \$5,714 (BCS-2025144).

Royal Geographical Society (RGS) Thesiger Oman International Fellowship, 2020-2024

- An Interdisciplinary Study of Grazing Pressure in the Dhofar Mountains of Oman. Mark Moritz (PI), Lawrence Ball, Hadi Al Hikmani, Ian M. Hamilton, Andrew Spalton. £8,000 (THES 04.20.).

National Science Foundation Cultural Anthropology Program, 2020-2021

- Modeling Coupled Herd and Household Dynamics in Pastoral Systems, Mark Moritz (PI), Rebecca Garabed, Ian Hamilton, Jason Thomas (\$57,593) (BCS-1946258).
Ohio State University, 2016-2017
 - Connect and Collaborate: The Relationship between Human-Animal Bond, Human-Animal Interactions, and Diarrheal Disease Risk in Developing Settings, Rebecca Garabed (PI), Jiyoung Lee, Barbara Piperata, Tim Landers, Mark Moritz, Jason Stull, Pallavi Oruganti, Wondwossen Gebreyes (\$12,000)
- National Science Foundation, 2016-2021
- CNH-L: Pastoral Territoriality as a Dynamic Coupled System, Joy McCorriston (PI), Ian M. Hamilton, Mark Moritz (BCS-1617185) (\$1,600,000).
- National Science Foundation, 2016
- REG: The city from urban refugee perspectives in Yaoundé, Cameroon, with Kelly Yotebieng, Jennifer Syvertsen (\$6,000).
- National Science Foundation, 2016-2018,
- Supplement to EEID: Livestock Movements and Disease Epidemiology in the Chad Basin: Modeling Risks for Animals and Humans, Rebecca Garabed (PI), Song Liang, Mark Moritz, and Ningchuan Xiao (DEB-1015908) (\$114,345).
- International Affairs Research Academic Enrichment Grant, 2016-2017
- Zoonotic Diarrheal Disease Transmission in Ethiopia, Jiyoung Lee (PI), Grzegorz Rempala, Mark Moritz, Barbara Piperata, Rebecca Garabed, and Wondwossen Gebreyes (\$8,000).
- National Science Foundation, 2015-2016
- RAPID: Studying the Effects of Disturbance in a Complex Socioecological System, Mark Moritz (BCS-1600221) (\$17,710).
- National Science Foundation, 2015-2016
- EAGER: Modeling Coupled Herd and Household Dynamics in Pastoral Systems, Mark Moritz (PI), Ian Hamilton and Rebecca Garabed (BCS-1546061) (\$37,756).
- United States Department of Agriculture (USDA), 2014-2015
- CEAH FY14 Modeling Project, Rebecca Garabed (PI), Mark Moritz and Ningchuan Xiao (\$113,914).
- National Science Foundation, 2014
- REG: Long-term Impacts of Large-Scale Land Acquisitions: Assessing Livelihood Impacts on Households and Communities in Cameroon, with Elizabeth Gardiner (\$5,000).
- National Science Foundation, 2014
- REU: Hunters and Wildlife Diseases in Ohio: Risk Perceptions and Practices, with Pallavi Oruganti and Rebecca Garabed (\$7,960).
- Institute for Population Research Seed Grant, OSU, 2013-2014
- Migration and household water management practices: An interdisciplinary examination of cholera outbreaks in urban Cameroon, Mark Moritz (PI), Jiyoung Lee, Joe Tien, Barbara Piperata, Laura Pomeroy, Rebecca Garabed, Ningchuan Xiao, and Jessica Healy (\$18,310).
- Behavioral Decision-Making Initiative, OSU, 2013,
- Towards Zero-Waste at OSU: An Exploratory Study of Students' Decision-Making, Mark Moritz (PI), Devin Griglik, Mallory Ray, Jessica Moreland, and Susan Melsop (\$700).
- National Science Foundation, 2013

- REG: Conceptualizations of Citizenship in the Contemporary Zongo, with Christopher Brown (BCS-0943294) (\$5,000).

National Science Foundation, 2012-2016

- CNH: Exploring social, ecological, and hydrological regime shifts in the Logone Floodplain, Cameroon, Mark Moritz (PI), Michael Durand, Ian Hamilton, Bryan Mark, Ningchuan Xiao (BCS-1211986) (\$1,475,000).

Environmental Science Network, OSU 2012

- Mitigating coastal vulnerability and sustainability of water resource, security and public health under the influence of climate change, Jiyoung Lee (PI), C.K. Shum, Michael Durand, J. Craig Jenkins, Jay Martin, Richard Moore, and Mark Moritz (\$50,000).

Columbus Zoo and Aquarium, 2012-2013

- Community Approach to Preventing Abortion in Livestock and Nondomestic Ruminants, Rebecca Garabed (PI), Mark Moritz, Barbara Wolfe (\$5,243).

OSU CARES seed grant, 2012-2013

- Community Approach to Preventing Abortion in Livestock and Nondomestic Ruminants, Rebecca Garabed (PI), William Shulaw, Mark Moritz (\$5,000).

National Science Foundation, 2012

- Workshop: Challenges in modeling the spatial and temporal dimensions of the ecology of infectious diseases, Ningchuan Xiao (PI), Rebecca Garabed, Song Liang, and Mark Moritz (DEB-1242202) (\$20,000).

Food Innovation Center (FIC), OSU, 2012-2014

- Livestock Production and Quality in Anthropogenic Floodplains, Mark Moritz (PI), David Barker, Rebecca Garabed, and Ningchuan Xiao (\$49,600)

National Science Foundation, 2012, with Jessica Healy and Rebecca Garabed

- REU: What to do with sick animals? A study of pastoralists' decision-making in the far north region of Cameroon, (DEB-1015908) (\$6,200).

National Science Foundation, 2010-2015

- EEID: Livestock Movements and Disease Epidemiology in the Chad Basin: Modeling Risks for Animals and Humans, Rebecca Garabed (PI), Song Liang, Mark Moritz, and Ningchuan Xiao (DEB-1015908) (\$2,370,821).

National Science Foundation, 2010

- REU: An Exploratory Study of Ethnomedical Systems of Mobile Pastoralists in the Far North Region of Cameroon, with Daniel Ewing (BCS-1032497) (\$4,000).

Initiative in Population Research Seed Grant, OSU, 2009-2010

- Livestock Movements and Disease Transmission in the Chad Basin: Modeling Risks for Animals and Humans, Mark Moritz (PI), Rebecca Garabed, Song Liang, Ningchuan Xiao (\$41,000).

Climate, Water, and Carbon Program, OSU, 2009

- Modeling Coupled Human and Natural Systems in the Chad Basin (\$45,602).

Public Health Preparedness for Infectious Diseases Seed Grant, OSU, 2009-2011,

- Pilot Study of Livestock Movements and Disease Epidemiology in the Chad Basin: Modeling Risks for Animals and Humans, Rebecca Garabed (PI), Song Liang, Mark Moritz, Ningchuan Xiao, Saïdou Kari (\$100,000).

National Science Foundation, 2009

- REU: Studying Emergent Complexity in the Classroom, with Eric Soma (BCS-0943294) (\$4,000).
- National Science Foundation, 2008-2014
- CAREER: Pastoral Management of Open Access: The Emergence of a Complex Adaptive System, (BCS-0748594) (\$530,738).
- Mershon Center Faculty Grant, The Ohio State University, 2008
- A Comparative Study of Herder-Farmer Conflicts Across West Africa (\$12,010).
- National Geographic Society's Committee for Research and Exploration, 2007
- Managing Open Access: The Political Ecology of Pastoral Mobility. Mark Moritz (PI), Ian Hamilton, Saidou Kari, Arabi Mouhaman, Paul Scholte (8306-07) (\$20,000).
- College of Social and Behavioral Sciences Special Grant, OSU, 2007
- Managing Open Access: The Political Ecology of Pastoral Mobility, (with matching funds from the Department of Anthropology) (\$3,500).
- Wenner-Gren Foundation for Anthropological Research Grant, 2000
- Dissertation research: The market and the moral economy of Fulani pastoralists in northern Cameroon (Gr. 6661) (\$18,000).
- International Studies and Overseas Program, Fieldwork Grant, UCLA, 2000
- Dissertation research: The market and the moral economy of Fulani pastoralists in northern Cameroon (\$8,000).
- National Science Foundation Dissertation Improvement Grant, 1999
- Dissertation research: The market and the moral economy of Fulani pastoralists in northern Cameroon (BCS-9910557) (\$12,000).
- International Studies and Overseas Program, Fieldwork Grant, UCLA, 1998
- Pre-dissertation research in northern Cameroon (\$5,000).
- Ford Foundation-ISOP Interdisciplinary Program, UCLA, 1999
- Pre-dissertation research in northern Cameroon (\$2,000).
- James S. Coleman Pre-Dissertation Fieldwork Fellowship, UCLA, 1996
- Pre-dissertation research in northern Cameroon (\$4,200).
- Ford Foundation-ISOP Interdisciplinary Program, UCLA, 1996
- Pre-dissertation research in northern Cameroon (\$950).
- Research Grant Department of Anthropology, UCLA, 1996
- Pre-dissertation research in northern Cameroon (\$400).
- Schimmel Schuurman-van Outeren Foundation grant, Netherlands, 1994
- MA research in northern Cameroon (2,000 Guilders).
- STIR Grant, International Office, Leiden University, 1994
- MA research in northern Cameroon (1,200 Guilders).

OTHER GRANTS, FELLOWSHIPS, AND AWARDS

- Sustainability Institute (SI) Sustainable and Resilient Social and Ecological Systems (SARSES): An Interdisciplinary Undergraduate Certificate Program. Anna Willow (PI) and Mark Moritz (co-PI), 2020-2022 (\$7,500)
- Translational Data Analytics Institute (TDAI) pilot funding for a program on Critical Data Analytics (CDA), Inés Valdez and Mark Moritz (co-PIs), Dennis Hirsch, Dana Howards, Samuel Malloy, 2020-2022 (\$50,000).
- ALX Summer Grant, 2020-2021 (\$500)
- Affordable Learning Exchange (ALX) program, 2017-2018 (\$12,000)
- Active Learning Classroom Community (OSTEP) 2017-2018 (\$1,000).

- Course Design Learning Community (OSTEP), OSU 2015-2016 (\$1,000).
- Fellow Netherlands Institute for Advanced Study (NIAS), 2014-2015.
- Library Course Enhancement Grant, OSU, 2013 (\$2,000).
- Library Course Enhancement Grant, OSU, 2011 (\$2,000).
- Honors course competition, OSU 2010 (\$15,000).
- Innovation Group Complexity in Human, Natural, and Engineered Systems for Office of Academic Affairs (with Virginia Folcik, Ian Hamilton, Keith Warren and David Woods), OSU 2009 (\$100,000 including matching funding from 4 colleges).
- Qualitative Inquiry Working Group, Institute for Collaborative Research and Public Humanities (with Candace Stout), OSU 2009 (\$10,000).
- SMART Seed program of TELR, OSU 2009.
- Library Course Enhancement Grant, OSU, 2008 (\$2,000).
- Dissertation Year Fellowship, UCLA, 2001.
- Ford Foundation-ISOP Grant for study of Fulfulde, UCLA, 1998.
- NSF Summer Institute for Research Design in Cultural Anthropology, 1998.
- Hortense Fishbaugh Memorial Fellowship, UCLA Affiliates Scholarship, 1997
- VSB Bank Fellowship, VSB Bank, Netherlands, 1995.
- Erasmus Grant for study at University College London, 1992.

CONFERENCES AND COLLOQUIA LEADERSHIP

Organizer of two panels for the annual meetings of the Society for Applied Anthropology (SfAA) in Cincinnati: *Preparing Students for Careers with Anthropology I: Undergraduate Students* and *Preparing Students for Careers with Anthropology II: Graduate Students* (March 2023).

National Socio-Environmental Synthesis Center (SESYNC), Proposal for Workshop: Synthesizing Research on Pastoral Governance of Common-Pool Resources, Lance Robinson and Mark Moritz (PIs) (funded August 2019).

Wenner-Gren Foundation for Anthropology, Workshop Proposal. Beyond Ranchers and Pastoralists: Studying the Diversity and Dynamics of Livestock Husbandry Systems, Mark Moritz and Nikolaus Schareika (PIs) Gr. CONF-821 (\$20,000) (funded October 2019).

Organizer of a roundtable on *Anthropology's contributions to interdisciplinary graduate training, research, and education* (with Sean Downey and Fabio Duran Correa) for the annual meetings of the American Anthropological Association, November 14-18 November 2018.

Organizer of a Research Team Seminar at the School for Advanced Research (SAR) in Santa Fe, on *Property Regimes as Complex Adaptive Systems*, October 31 – November 2, 2017.

Organizer of panel *Persistence of Pastoral Property Regimes* at International Association of the Study of the Commons (IASC) Conference in Utrecht, July 14, 2017.

Co-organizer (with Matthew Lauer) of invited session *Knowledge Boundaries: Conceptual and methodological challenges in studying indigenous knowledge* at American Anthropological Association 111th Annual Meeting, San Francisco, November 2012.

Co-organizer (with Julia Giblin) of invited session *Examining Traces of Human Mobility across Spatiotemporal Scales* at American Anthropological Association 110th Annual Meeting, Montreal (Canada), November 17, 2011.

Co-organizer (with Tobias Haller) of panel on *African Floodplains as Coupled Human and Natural Systems under Global Change* at African Studies Association 45th Annual Meeting, San Francisco, November 18-21, 2010.

Co-organizer (with Dave Kraybill, Andrew Keeler, and Kelechi Kalu) of *Workshop on Climate Change and Livelihoods in Sub-Saharan Africa* at the Ohio State University, May 15, 2009.

Organizer of panel *Changing Contexts of Herder-Farmer Conflicts: Fulbe Pastoralists Across West Africa* at African Studies Association 45th Annual Meeting, Washington D.C., December 5-8, 2002.

Co-organizer (with Carolyn Lesorogol) of panel *African pastoralism: culture, economy, and the individual in rapidly changing societies* at American Anthropological Association 101st Annual Meeting, New Orleans (LA), November 20-24, 2002.

Co-organizer (with Peter Geschiere, Rijk van Dijk, and Robert Ross) of conference *Citizenship and issues of autochthony in postcolonial Africa: changing modalities of exclusion and inclusion*, Leiden University, June 1998.

INVITED TALKS

Governance of Common-Pool Grazing Resources in African Pastoral Systems presented at virtual workshop on Conservation in Africa, organized by David Anderson and Michael Bollig (21 April 2021).

Insecurity and its impacts on pastoral systems in the Chad Basin presented at the African Studies Program Seminar Series at Penn State University (26 February 2020).

Designing Ethnographic Research presented in the departmental speakers series at the Department of Engineering Education (EED) at the Ohio State University (24 January 2020).

Using Carmen to Support Transformative Learning (with Mark Anthony Arceño) presented at the Innovate Fall Showcase at Ohio State (24 September 2019).

Critical Transitions from Pastoralism to Ranching in Central Africa (with Nikolaus Schareika) at International Workshop: Transformations and Visions: responses, alternatives and resistances to large-scale land deals in the Global South at the Max Planck Institute for Social Anthropology at Halle/Saale in Germany, 24 May 2018.

Impacts of Boko Haram on Transhumance in Cameroon (with Paul Scholte) at an information meeting on Transhumant Pastoralism in Africa's Sudano-Sahel: Emerging Challenges for Human and Wildlife Security at the US Fish and Wildlife Services (USFWS) in Falls Church Virginia, 4 October 2017.

Open Property Regimes: How Pastoralists Avoid a Tragedy of the Commons in West Africa at Department of Anthropology at Gottingen University, Germany, 30 June 2016.

Emergence of the Commons: How Pastoralists Avoid a Tragedy of the Commons in West Africa at Department of Anthropology at Penn State University, 12 February 2016.

Emergent Commons: Pastoral Land Management in West Africa at the Institute for Environmental Studies of the Free University in Amsterdam, 18 May 2015.

Modeling a Complex Adaptive System, seminar at the Netherlands Institute for Advanced Studies (NIAS), 12 March 2015.

Emergence of the Commons: How Pastoralists Avoid a Tragedy of the Commons in West Africa Institute for Social Studies, The Hague, Netherlands, 12 March 2015.

Emergence of the Commons: How Pastoralists Avoid a Tragedy of the Commons in West Africa in Department of Anthropology at Leiden University, Netherlands, 2 February 2015.

Studying African Floodplains as Coupled Human and Natural Systems, (with Sarah Laborde, Michael Durand, Alfonso Fernandez Rivera, Ian Hamilton, Saïdou Kari, Bryan Mark, Sui Phang, Ningchuan Xiao, Roland Ziebe), Institut Montpellierain de l'Eau et de l'Environnement, Séminaire MATHEO, Montpellier, France, 23 October 2014.

Emergent commons: Pastoralism as a Complex Adaptive System, Department of Anthropology at University of Florida, 5 May 2014.

Modeling Mobile Pastoralists, (with Hyeyoung Kim, Albert Drent, Ningchuan Xiao, and Rebecca Garabed), RAPIDD workshop at Stanford University, 28 April 2014.

Management of Open Access: Making Sense of a Complex Adaptive System, Department of Anthropology, University of Texas at San Antonio, 4 April 2014.

Open Access, Open Systems: Pastoral Management of Common-Pool Resources in the Chad Basin, Department of Anthropology at Stanford University, 31 January 2014.

Changes in rangeland use in West Africa, SESYNC Workshop: Globalizing our understanding of land use change drivers and impacts, Annapolis, MD, 3 June 2013.

Cooperation in a Complex Adaptive System: The case of Mobile Pastoralists in the Far North Region of Cameroon, NESCent Catalysis Meeting: Synthesizing evolutionary and social science approaches to human cooperation, Durham, NC, 6 April 2013.

Open Access, Open Systems: Pastoral management of common-pool resources in the Chad Basin, Department of Anthropology, Colorado State University, 1 March 2013.

Teaching in Collaborative Environments, Learning Technologies in Medical Education at the Ohio State University Wexner Medical Center, December 19, 2012.

Water and Insecurity in sub-Saharan Africa: An Anthropological Approach, Conference on Water and Security in Africa: Past, Present and Future organized by the U.S. Department of State, July 22, 2011.

Open Access, Open Systems: Pastoral management of common-pool resources in the Chad Basin, Ecology Seminar Series of the Curriculum for the Environment and Ecology, University of North Carolina, Chapel Hill, 14 April 2011.

Mapping Invisible Pastoralists: Some Reflections on the use of GPS/GIS, Engineers Without Borders (EWB) at the Ohio State University, 17 February 2011.

Livestock Exchanges and Risk Management in Pastoral Systems, Methods of Analysis Program in the Social Sciences (MAPSS) Colloquium, Stanford University, 4 February 2011.

Open access, open systems: theoretical and policy implications, Department of Anthropology, University of Cincinnati, 20 May 2010.

Open access, open systems: implications for pastoral development, Glen School Seminar Series, The Ohio State University, 5 May 2010.

Gestion du pâturage dans la région de l'Extrême Nord du Cameroun, Maroua University, Cameroon, 24 March 2010.

Complex Systems in Anthropological Research, IPR Complex Systems Working Group, OSU, 29 January 2010.

Fieldwork in Multiple Communities: A Long-Term Perspective, the Cross-Disciplinary Fieldwork Workshop, OSU, 9 May 2009.

Integrating wikis in anthropology courses, TELR's five minutes of fame, OSU, 24 April 2009.

Integrating wikis in anthropology courses, Teaching 2.0 Symposium: Using Collaborative Tools in the Classroom, OSU, 5 December 2008.

The political ecology of pastoral mobility, Institute of Environmental Sciences, Leiden University, 28 April 2006.

The organization of pastoral FulBe in a FulBe hegemony: Cases from northern Cameroon, workshop Strategies of inclusion/exclusion and political representation among pastoral Fulbe across Africa, Max Planck Institute for Social Anthropology, Halle (Germany), 2-4 October 2005.

The politics of permanent conflict: Herder-farmer conflicts in the Far North of Cameroon, Center for African Studies, Stanford University, 19 May 2004

FulBe Family Herds: The Transformation of an African Pastoral Society, James S. Coleman African Studies Center, UCLA, 17 January 2003.

Individual livestock ownership in Fulbe family herds: The effects of intensification and Islam on pastoral production systems in the Far North of Cameroon, Workshop Collective and multiple forms of property in land and animals, Max Planck Institute for Social Anthropology, Halle (Germany), 19-21 August 2002.

PAPERS PRESENTED

The Emergence of Territoriality in Pastoral Systems, Mark Moritz, Daniel Peart, Lawrence Ball, Joy McCorriston, and Ian Hamilton, abstract to be submitted to the Annual Meeting of the American Anthropological Association, in Vancouver, Canada, November 23, 2019.

Pastoralist Refugee Crisis tests the Resilience of Open Property Regime in the Logone Floodplain, Cameroon, Mark Moritz, Victoria Garcia, Abigail Buffington, Mouadjamou Ahmadou, Annual Meeting of the Society for Applied Anthropology (SfAA) in Portland, Oregon, March 19-23, 2019.

Synthesizing data, concepts, and models in interdisciplinary research of coupled systems, Mark Moritz, Sui Phang, Sarah Laborde, Apoorva Shastry, Asmita Murumkar, Roland Ziebe, Mouadjamou Ahmadou, Saïdou Kari, Bryan Mark, Michael Durand, Alfonso Fernandez, Ian Hamilton), poster presentation at International Symposium at SESYINC Boundary Spanning: Advances in Socio-Environmental Systems Research, in Annapolis, Maryland, June 11-13, 2018.

Institutional change, innovations, and an emergent culture-based fishery landscape, Mark Moritz, Ian Hamilton, Sarah Laborde, Aboukar Mahamat, Sui Chian Phang, and Roland Ziebe, paper presented at the Annual Meeting of the American Anthropological Association in Minneapolis, 19 November 2016.

Terrorist as poacher: The persistence of Boko Haram's ivory myth in North Cameroon, Alice Kelly, Mouadjamou Ahmadou, Mark Moritz, Paul Scholte, POLLEN conference on the Political Ecologies of Conflict, Capitalism and Contestation (PE-3C), Wageningen, Netherlands, 8 July 2016.

Assessing a fishery from afar – how close can we get without going there? Phang, Sui C., Sarah Laborde, Mark Moritz, Michael Durand, Alfonso Fernandez, Saïdou Kari, Bryan Mark, Ningchuan Xiao, Roland Ziebe, and Ian Hamilton, World Fisheries Congress, Busan, Korea, May 26, 2016.

Assessing the impacts of mobility in the transmission of foot-and-mouth disease in Far North Region, Cameroon, Ningchuan Xiao, Rebecca Garabed, Mark Moritz, Hyeyoung Kim, Laura Pomeroy, for the Annual Meeting of the American Association of Geographers in San Francisco, March 30, 2016.

Investigating DEM noise reduction and resolution in flood modeling: A case study based on the Logone Floodplain, Cameroon, Alfonso Fernandez, Bryan Mark, Michael Durand, Sui Chang Phang, Sarah Laborde, Mark Moritz, Ian Hamilton, poster presented at the Association of American Geographers (AAG) Annual Meeting, April 21-25, 2015.

Critical transition in a floodplain fishery: Feedbacks and the role of 'social momentum', Sarah Laborde, Alfonso Fernandez, Sui Phang, Saïdou Kari, Aboukar Mahamat, Bryan Mark, Ian Hamilton, Michael Durand, Paul Scholte, Roland Ziebe, Ningchuan Xiao, Mark Moritz, presented as the Complexity Institute at Nanyang Technological University (NTU), Singapore, March 26th, 2015.

Regime Shifts and Runaway Processes in a Coupled Human and Natural System, Mark Moritz, Sarah Laborde, Mouazamou Ahmadou, Michael Durand, Ian Hamilton, Saïdou Kari, Bryan Mark, Mohammad Reza Najafi, Sui Phang, Ningchuan Xiao, Roland Ziebe, poster presented

at ICREA Conference on Small-Scale Societies and Environmental Transformations: Co-evolutionary Dynamics in Barcelona, Spain, December 17th, 2014

Producing a “Coupled Human and Natural System” (CHANS): From NSF Program Guidelines to an Interdisciplinary Lab, and the Field, Sarah Laborde and Mark Moritz, Annual Meeting of the American Anthropological Association, Washington DC, December 4th, 2014

Building Models of Coupled Human and Natural Systems, Albert Klaas Drent, Mark Moritz, and Mouazamou Ahmadou, Annual Meeting of the American Anthropological Association, Washington DC, December 7th, 2014

Exploring the Relationship between Micro-ecosystems in Drinking Water and Human Health in an Urban Environment in Cameroon, Jessica Healy Profitós, Arabi Mouhaman, Seungjun Lee, Rebecca Garabed, Mark Moritz, Barbara Piperata, EcoHealth 2014 Conference, Montréal (Québec, Canada), August 11-15, 2014.

Modeling Regime Shifts in the Logone Floodplain, Cameroon, Saïdou Kari, Michael Durand, Ian Hamilton, Sarah Laborde, Bryan Mark, Sui Phang, Ningchuan Xiao, Roland Ziebe, Mark Moritz, International Conference on Contemporary Evolution of African Floodplains and Deltas, in Dar es Salaam, Tanzania, May 27th, 2014.

Open Access, Open Systems: Pastoral Systems At Multiple Spatiotemporal Scales, Annual Meeting of the American Anthropological Association, Chicago, November 23rd, 2013.

Open Access, Open Systems: Pastoral Management of Common-Pool Resources in the Chad Basin, Complexity Reading Group at the Ohio State University, April 11th, 2013.

Open Access, Open Systems: Implications for Pastoral Management of Common-Pool Resources, Annual Meeting of the Society for Applied Anthropology, Denver, Colorado, March 21st 2013.

Studying the human dimensions of the ecology of infectious diseases (with co-authors Daniel Ewing, Jessica Healy and Rebecca Garabed), Institute for Population Research (IPR) seminar at the Ohio State University, January 15th 2013.

Mapping invisible pastoralists: some reflections on the use of GPS/GIS technology, Annual Meeting of the American Anthropological Association, San Francisco, November 16th, 2012.

On not knowing zoonotic diseases Daniel Ewing, Mark Moritz, Rebecca Garabed, Annual Meeting of the American Anthropological Association, San Francisco, November 15th, 2012.

Management of Open Access: Evidence from the Logone Floodplain, Cameroon, ESGP seminar at the Ohio State University, September 28th, 2012.

Management of Open Access: Evidence from the Logone Floodplain, Cameroon, Panel on Anthropological Sciences, Ecology, and Environment at the All Scientists Meeting (ASM) of the Long Term Ecological Research (LTER) Program, September 12th, 2012.

Documenting livestock movements in the Far North Region of Cameroon. Moritz, M., Garabed, R., Moreno-Torres, K., Chen, Y.-J., Xiao, N., Healy, J. and Pomeroy, L. poster presented at the ISVEE Conference, Maastricht, Netherlands, August 19-24, 2012.

Preliminary investigation into the epidemiology of endemic foot-and-mouth disease in cattle in the Far North, Cameroon. Garabed, R., Dickmu, S., Moritz, M., Saïdou Kari, Ahmed, Z. and Rodriguez, L. poster presented at the ISVEE Conference, Maastricht, Netherlands, August 19-24, 2012.

Dispersal of animal products and waste from traditional abattoirs in the Far North region of Cameroon. Afnabi, A.B., Garabed, R., Moritz, M., Agnem, E.C., Essia Ngang, J.J. and Alambedji, R.B. poster presented at the ISVEE Conference, Maastricht, Netherlands, August 19-24, 2012.

Modeling endemic foot-and-mouth disease virus transmission in Cameroon. Pomeroy, L.W., Kari, S., Dickmu, S., Moritz, M., Xiao, N., Liang, S. and Garabed, R.B. poster presented at the ISVEE Conference, Maastricht, Netherlands, August 19-24, 2012.

Documenting Livestock Movements in the Far North Region of Cameroon (with Mouhaman Arabi, Yu-Jen Chen, Rebecca Garabed, Jessica Healy, Saïdou Kari, Karla Moreno-Torres, Laura Pomeroy, and Ningchuan Xiao) poster presented at the annual NSF EEID PI meeting, March 26th, 2012.

The Dynamics of Foot-and-Mouth Disease in an Endemic Setting (with Rebecca Garabed, Mark Moritz, Saïdou Kari, Ningchuan Xiao, Song Liang, Laura Pomeroy, Zaheer Ahmed, Luis Rodriguez) poster presented at the annual NSF EEID PI meeting, March 26th, 2012.

The Ecology of Infectious Diseases in Cameroon: Educational Activities (with Rebecca Garabed, Mark Moritz, Song Liang, Ningchuan Xiao, Mouhaman Arabi, Saïdou Kari, Darman Djoulde, Dina Taiwe Kolyang, Mamoudou Abdoulmoumini) poster presented at the annual NSF EEID PI meeting, March 26th, 2012.

Flood inundation mapping in the Logone floodplain from multi temporal Landsat ETM+ imagery (with Hahn Chul Jung, Douglas E. Alsdorf, Hyongki Lee, and Sara Vassolo), Fall Meeting of the American Geophysical Union, December 5th, 2011.

Anthropological Understandings of Livestock Exchanges and Risk Management, Annual Meeting of the American Anthropological Association, Montreal, November 18th, 2011.

Understanding the spatiotemporal characteristics of livestock movement networks in the Far North Region of Cameroon using an agent-based model (with Ningchuan Xiao), Annual Meeting of the American Association of Geographers, April 15th, 2011.

Pastoral management of open access in the Logone floodplain, Cameroon, Annual Meeting of the African Studies Association, November 20th, 2010.

Towards a Theory of Management of Open Access, North American meeting of the International Association for the Study of the Commons (IASC), Arizona State University, October 2nd, 2010.

Livestock Movements and Disease Epidemiology in the Chad Basin (with Saïdou Kari, Rebecca Garabed, Song Liang, Ningchuan Xiao, and Laura Pomeroy), XIV Collogue Mega-Tchad L'Homme et la Santé dans le bassin du lac Tchad at Bayreuth University, Germany, April 15th, 2010.

Modeling Grazing Pressure in a Mobile Pastoral System in West Africa (with Eric Soma, Ningchuan Xiao, Saïdou Kari), Annual Meeting of the American Association of Geographers, April 14th, 2010.

Hired Herder Livelihoods in the Far North Region of Cameroon (with Kristen Ritchey), Annual Meeting of the Society for Applied Anthropology, March 25th, 2010.

Livestock Movements and Disease Epidemiology in Chad Basin: Modeling Risks for Animals and Humans (with Rebecca Garabed, Song Liang, Ningchuan Xiao, and Laura Pomeroy), Geography and Health Working Group, the Ohio State University, November 24th 2009.

Wikis and writing in the disciplines (with co-author Christopher Manion), Digital Media in a Social World conference, the Ohio State University, February 20th 2009.

Mapping mobile pastoralists in the Logone floodplain, Cameroon (with Saïdou Kari, Mouhaman Arabi, Kate Victor, and Luciano Landaburu), Poster for Annual Meeting of the American Anthropological Association, San Francisco, November 21st, 2008.

Mapping Pastoralists in the Logone Floodplain, Cameroon, Department of Anthropology Brown Bag Lecture Series, The Ohio State University, April 30th 2008.

Gestion de Ressources Pastorales dans la Plaine du Logone, Cameroun, Ecole de Faune, Garoua, Cameroon, March 3rd, 2008.

An Alternative Model of Crop-Livestock Interactions in West Africa, Center for African Studies Brown Bag Lecture Series, The Ohio State University, January 25th 2008.

The Intensification of Pastoral Systems in West Africa, Annual Meeting of the American Anthropological Association, Washington D.C., November 29th 2007.

The Politics of Permanent Conflict: Studying Herder-Farmer Conflicts in West Africa, Paper presented at the 104th Annual Meeting of the American Anthropological Association, Washington D.C., December 1st 2005.

Rural Development and Institutional Changes: The Transformation of Pastoral FulBe Households, Poster for Annual Meeting of the American Anthropological Association, Chicago, November 20th 2003.

An actor-oriented approach to herder-farmer conflicts in the Far North of Cameroon, Annual Meeting of the African Studies Association, Washington D.C., December 7th 2002.

Re-examining the pastoral moral economy, Annual Meeting of the American Anthropological Association, New Orleans, November 22nd 2002.

Fulbe family herds: Intensification of pastoral systems, Islam, and the moral economy of pastoral Fulbe in the Far North of Cameroon, Poster for Annual Meeting of the Society for Economic Anthropology, Toronto (Canada), April 20th 2002.

Is there a future for pastoralism in the Far North Province of Cameroon? (with Saïdou Kari), Management of fragile ecosystems in the north of Cameroon: the need for an adaptive approach, CEDC Maroua (Cameroon), November 2000.

Honor psychology and pastoral personality: an ecocultural analysis of herding routines and socialization into the culture of honor among nomadic Fulani in West Africa, Berkeley-Stanford Center for African Studies Annual Spring Conference, Berkeley, April 2000.

Socialization into the culture of honor: the case of nomadic Fulani in West Africa, Africa: past, present, and future - UCLA Graduate Conference in African Studies, Los Angeles, April 2000.

Het gebruik van antropologie bij het vaststellen van weidegrond degradatie in Noord Kameroen, Eigenheid en Samenwerking: 100 jaar antropologie in Nederland, Antropologische beroepsvereniging Nederland CA/SNWS, Amsterdam, December 1998.

The demise of the nomadic contract: Arrangements and rangelands under pressure in northern Cameroon, Citizenship and issues of autochthony in postcolonial Africa: changing modalities of exclusion and inclusion, Leiden University, June 1998.

Evolution of social strategies that deal with risk among pastoralists in northern Cameroon, Poster presentation at CNWS School for Asian, African, and Amerindian Studies, Leiden University, November 1997.

Nomadic pastoralists, local resource management, and the failure of participatory approaches (with Paul Scholte and Saïdou Kari), Colloque du Réseau Méga-Tchad – L'homme et l'animal dans le bassin du Lac Tchad, Orleans (France), October 1997.

Pastures under pressure: pastoral planning in northern Cameroon, 95th Annual Meeting American Anthropological Association, San Francisco, November 1996.

Perol, migration as flight: the marginalization of nomadic Fulani in northern Cameroon, Berkeley-Stanford Center for African Studies Annual Conference, Berkeley, April 1996.

POSITIONS HELD

Associate Professor, 2013-2020, Department of Anthropology, The Ohio State University

Associate Professor, 2013-2020, Environmental Science Graduate Program, The Ohio State University

Assistant Professor, 2006-2013
Department of Anthropology, The Ohio State University

Assistant Professor, 2009-2013

Environmental Science Graduate Program, The Ohio State University

Assistant Professor, 2005-2006
Department of Anthropology, Western Oregon University

Lecturer, 2003-2004
University of California, Santa Cruz

Lecturer, 2003
University of California, Los Angeles

Lecturer, 2002-2003
Santa Monica College, Santa Monica, California

COURSES TAUGHT

Courses taught at The Ohio State University, 2006-present

2202, H2202: Introduction to Cultural Anthropology
3005: Careers with Anthropology
3418: Anthropology of Africa
3525: History of Anthropological Theory
5623: Environmental Anthropology
5620: Hunter-Gatherers
5650: Research Design and Ethnographic Methods
7703: Theories in Cultural Anthropology
7777: Data Collection Workshop
8828: Writing Research Proposals in Anthropology
8891.04: Social-Ecological Systems
8891.05: Research Design and Ethnographic Methods

Courses taught at Western Oregon University, 2005-2006

213D: Language and Culture
214D: Physical Anthropology
216D: Cultural Anthropology
314D: Evolution of Human Societies
325D: Ethnographic Methods
326C: Ethnographic Writing
380D: Peoples and Cultures of Africa
390D: Pastoral Nomads
394D: Socialization and Development

Courses taught at the University of California, Santa Cruz, 2003-2004

80: Core Course – International and Global Perspectives
130A: Peoples and Cultures of Africa
130X: Pastoral Nomads

Courses taught at the University of California, Los Angeles, 1995-2003

7: Human Evolution (teaching assistant)
135B: Introduction to Psychological Anthropology (teaching assistant)

158P: Pastoral Nomads

Courses taught at Santa Monica College, 2002-2003

2: Cultural Anthropology

PROFESSIONAL SERVICE

Reviewer of book proposals and manuscripts

Oxford University Press (2013, 2015), Pearson Education (2006), Princeton University Press (2013, 2018), Routledge (2011, 2015, 2024), Rowan & Littlefield (2009)
Sage publications (2009, 2010, 2011, 2020), Thompson Wadsworth (2006).

Reviewer of grant and fellowship proposals

NSF Cultural Anthropology, reviewer (2008x2, 2010, 2011, 2012, 2014, 2021)
NSF Cultural Anthropology, DDIG panel (2009-2013)
NSF Cultural Anthropology, SR panel (2019, 2021)
NSF Science and Technology Studies (STS), reviewer (2021)
NSF International Research and Education: Planning Visits and Workshops (2010)
NSF Geography and Spatial Sciences (GSS) program (2014, 2017x2)
NSF Established Program to Stimulate Competitive Research (EPSCoR) (2018)
NSF Dynamics of Coupled Natural and Human Systems (CNH) program (2014)
NSF Dynamics of Integrated Socio-Environmental Systems (CNH2) (2019, 2020)
NSF Dynamics of Integrated Socio-Environmental Systems (DISES) (2023)
NSF Innovations in Graduate Education (IGE) (2023)
NSF Graduate Research Fellowship Program (GRFP) (2023)
NSF AccelNet program (2020)
Leverhulme Trust (UK) (2006, 2011)
Swiss National Science Foundation (SNSF) (2014)
National Geographic Society (2017)
Danida Fellowship Centre (2018x2)
Netherlands Institute of Advanced Study (NIAS) (2015, 2016, 2018x2, 2019, 2023)
Alexander von Humboldt Foundation (2022)

Board memberships

Associate Editor, *Pastoralism: Research, Policy and Practice* (2015-present).
Editorial Board, *Human Ecology* (2014-present)
Editorial Board, *Pastoralism: Research, Policy and Practice* (2013-2015).
Editorial Board, *Drylands* (2023-present)
Board member (2006-2009) and wiki administrator (2008-2012), *Society for Economic Anthropology* (SEA).
Senior Board Member (2014-2016), *Anthropology and Environment Society*, a section of the American Anthropological Association (AAA).
Member of the Scientific Committee of the *Centre d'Appui a la Recherche et au Pastoralisme* (CARPA), Maroua, Cameroon (2006-present).

External reviewer for tenure and promotion

University of Texas at San Antonio, 2024 (promotion to professor)
University of Maryland, 2024 (tenure and promotion)
University of North Carolina at Chapel Hill, 2023 (promotion to professor)

University of Maryland, 2021 (tenure and promotion)
Southern Methodist University, 2021 (tenure and promotion)
Utah State University, 2020 (tenure and promotion)
Arizona State University, 2017 (tenure and promotion)
University of Cincinnati, 2017 (tenure and promotion)
Michigan University, 2016 (tenure and promotion)
University of Colorado at Boulder, 2016 (tenure and promotion)

Reviewer of manuscripts for:

Africa (2003, 2010)
African Studies Review (2004, 2016)
AGU Books (2020)
American Anthropologist (2011x2)
American Ethnologist (2010, 2019)
Animal: An International Journal of Animal Bioscience (2014)
Annals of the American Association of Geographers (2016)
BMC Veterinary Research (2018)
Bulletin of the World Health Organization (2019)
Canadian Journal of African Studies (2017)
Conservation Letters (2018, 2021x2)
Current Anthropology (2013, 2019x2, 2020, 2021)
Discover Sustainability (2022x2)
Ecological Modeling (2014, 2015)
Ecology and Society (2014, 2015, 2021, 2022, 2023)
Environmental Modelling & Software (2011)
Ethos (2005)
European Journal of Development Research (2009)
Frontiers (2020x2)
Geoforum (2003, 2010)
GeoJournal (2024)
Human Ecology (2005, 2009, 2012, 2013x2, 2014, 2015x2, 2016, 2017, 2018, 2020, 2022)
Human Nature (2013)
Human Organization (2014)
International Journal of the Commons (2016x3, 2018x2, 2019)
Journal of Aggression, Conflict and Peace Research (2020)
Journal of Contemporary African Studies (2009)
Journal of Cross-Cultural Gerontology (2007)
Journal of Environmental Management (2012)
Journal of International Development (2015)
Journal of Natural Resources Policy Research (2012)
Journal of Political Ecology (2005)
Journal of the Royal Anthropological Institute (2012)
Journal of Artificial Societies and Social Simulation (JASSS) (2023)
Kasarinlan: Philippine Journal of Third World Studies (2007)
Land Use Policy (2015, 2017, 2018, 2023)
Landscape Ecology (2012)
Landscape and Urban Planning (2012)
Livestock Science (2010)
Nomadic Peoples (2009, 2013, 2020x3)
Palgrave Communications (2019x2)

Pastoralism (2011, 2013, 2014, 2015, 2017x2, 2018x3, 2019x2, 2020x3, 2021x2, 2023)
PNAS (2020, 2024)
Rangeland Ecology & Management (2014)
Social Anthropologie/Anthropologie Sociale (2021, 2022)
Society and Natural Resources (2003, 2020)
Southern Rural Sociology (2009)
World Development (2008, 2014)

INSTITUTIONAL SERVICE

Ohio State University, 2006-present

Chair, Graduate Studies Committee, 2021-present
Faculty Fellow, Imagined Futures, 2024
Faculty Advisory Board for the African Studies Center, 2008-present
Senior Institute Affiliate, Drake Institute for Teaching and Learning, 2022-present
FIT mentor, Drake Institute for Teaching and Learning, 2019-2022
GTA coordinator Anthropology 2202, 4597.01, 4597.02, 2009-2023
Member Teaching Committee, Department of Anthropology, 2009-2023
Member Departmental Chair Advisory Committee, 2020-2023
Member ODEE Steering Committee, 2020-2022
Member ad hoc committee Graduate Program Redesign, 2017-2022
Member ad hoc chair search committee, 2021
Chair Mentoring Committee, 2018-2021
Webmaster, Department of Anthropology, 2009-2014, 2018-2021
Member Faculty Advisory Board Global Water Institute, 2015-2019
Member Technology Committee, Department of Anthropology, 2009-2010
Member of the Departmental Chair Search Committee, 2016-2017
Member Faculty Advisory Board TDA@OSU, 2015-2016
Member Graduate Studies Committee, Department of Anthropology, 2015-2018
Chair ESGP Graduate Studies Committee, 2013-2014
Chair GTA Committee, Department of Anthropology, 2013-2014
Member ESGP Graduate Studies Committee, 2012-2014
Member ad hoc committee SBS Diversity Fellowships, 2012-2014
Member Mentoring Committee, Department of Anthropology, 2011-2014
Member Search Committee, Department of Anthropology, 2010-2013
Member Speakers Committee, Department of Anthropology, 2007-2014
Member ASC Undergraduate Study Abroad Scholarship committee, 2010-2013
Member ad hoc committee for strategic plan, Department of Anthropology, 2011
Member ad hoc committee TELR Expertise Grant, 2008

Western Oregon University, 2005-2006

Member of the Academic Infrastructure Committee
Member of the Social Science Symposium Committee
Founder of African Studies Committee
Faculty Advisor of the Western Oregon Anthropology Society (WOAS)
Organizer of weekly lab for anthropology majors (Communitas)

University of California at Los Angeles, 1996-1997

Student representative Departmental Admissions and Fellowship Committee

Leiden University, 1989-1995

Student representative executive committee, Department of Anthropology

Student representative educational committee, Department of Anthropology

LANGUAGES

Dutch Native speaker

English Fluent in speaking, listening, reading, and writing

French Proficiency in speaking, listening, reading, and writing

Fulfulde Intermediate communication skills

PROFESSIONAL AFFILIATIONS

American Anthropological Association (AAA)

Anthropology and the Environment Section (A&E)

International Association for the Study of the Commons (IASC)

Society for Applied Anthropology (SfAA)

American Association for the Advancement of Science (AAAS)

Ethnographic Praxis in Industry Conference (EPIC)