

# ELISABETH KAGO ILBOUDO NEBIE

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## EDUCATION

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- PhD in Anthropology** 2018  
University of North Carolina at Chapel Hill (UNC-CH)  
Dissertation title: Documenting Farmer-Herder Livelihoods, Challenges and Adaptations in the Center-South Region of Burkina Faso.  
Committee: Colin Thor West, Paul Leslie, Todd Crane, Emily Burrill and Charles Price
- Summer Institute on Research Design in Cultural Anthropology** 2015  
National Science Foundation, Duke Marine Lab, Beaufort, NC
- MA in Anthropology** 2015  
University of North Carolina at Chapel Hill (UNC-CH)  
Thesis title: The Dynamics between Migration and Land Use and Land Cover Change in Burkina Faso: A Comparative Case Study.  
Committee: Colin Thor West, Paul Leslie, and Charles Price
- MA in International Development and Social Change** 2013  
Clark University, Worcester, MA  
Practitioner report: Unequal Relationships: Examining Persistent Inequalities among Small-Scale Producers, Non-governmental Organizations (NGOs), Donors, and Buyers: Case of the NGO Aid to Artisans  
Committee: Kiran Asher and Denise Bebbington
- BA in International Public Relations** 2010  
Université Libre du Burkina Faso (BF), Ouagadougou  
Thesis: La Diplomatie Climatique du Burkina Faso: Enjeux et Perspectives  
Committee: Poussi Sawadogo and Hamidou Touré

## PROFESSIONAL EXPERIENCE

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### RESEARCH EXPERIENCE

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- Research Award Recipient** Jan.- Jul. 2021  
Climate Resilient Food Systems (CRFS)  
International Development Research Centre (IDRC), Ottawa, Canada
- Earth Institute Postdoctoral Research Fellow** 2018 - 2020  
*International Research Institute for Climate and Society (IRI)*  
Earth Institute, Columbia University, Palisades, New York, USA
- Social Differentiation in Adaptive Capacity Research Consultant** 2015 - 2017  
International Livestock Research Institute (ILRI), Soudré-Est, Burkina Faso
- Research Assistant** 2013-15  
*"Climate, Population Density, and Remote Sensing: Identifying Social-ecological Hotspots" project*  
Colin Thor West – PI, Department of Anthropology, UNC-CH, Chapel Hill, NC

## TEACHING AND ADVISING

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### Assistant Professor

Starting Aug. 2021

School of Human Evolution and Social Change (SHESC)/  
Center for Global Discovery and Conservation Science (GDSC)  
Arizona State University, Tempe, Arizona

### Teaching Assistant

2014-15

University of North Carolina at Chapel Hill  
102 Introduction to Cultural Anthropology– Spring 2015 [33 students]; ANTH 238 Human Ecology of Africa – Fall 2015 [48 students]; ANTH 238 (online) Human Ecology of Africa – Summer Session II 2015 [24 students]; ANTH 240 Action Research [15 students]

### Geographic Information Systems (GIS) Consultant

2014-15

Research Hub, Davis Library, UNC-CH, Chapel Hill, NC

## DEVELOPMENT PRACTICE AND POLICY ENGAGEMENT

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### Resource person/Workshop facilitator

2020

United Nations Framework Convention on Climate Change (UNFCCC), Antananarivo, Madagascar  
*Stocktaking meeting on the work of the Least Developed Countries Expert Group, Antananarivo, Madagascar*

### Climate Adaptation Policy Consultant

2016 & 2018

*Local and Indigenous Knowledge Systems (LINKS) project under Climate Frontlines Program*  
United Nations Educational, Scientific and Cultural Organization (UNESCO), Ouagadougou, Burkina Faso

### Monitoring & Evaluation Consultant

2017

*Improving Crop yields in Zoundwéogo Province project*  
Friends of Burkina Faso (FBF) Network, Manga, Burkina Faso

## PUBLICATIONS

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### PEER-REVIEWED JOURNAL ARTICLES

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Anderson, W., C. Taylor, S. McDermid, W. Schlenker, R. Seager, **Ilboudo Nébié E. K.**, F. Cottier, A. de Sherbinin, D. Mendeloff, K. Markey. ms. Characterizing the effect of drought, conflict, and locusts on food security in Africa [en revue chez Nature Food]

West, C.T., **Ilboudo Nébié, E. K.**, and A.J. Moody. 2021. Participatory mapping with high-resolution satellite imagery: a mixed method assessment of land degradation and rehabilitation in northern Burkina Faso. *Journal of Ecological Anthropology* 22(1), 1-19. <https://scholarcommons.usf.edu/jea/vol22/iss1/1>

**Ilboudo Nébié, E. K.**, D. Ba, A. Giannini. 2021. Climate shocks and food security: who and where are the most vulnerable households in Senegal? *Global Food Security* 29: 100513. <https://doi.org/10.1016/j.gfs.2021.100513>

**Ilboudo Nébié, E. K.**, C.T. West, T.A. Crane. 2021. Participatory Mapping with Herders in a Climate Adaptation Research Project. *Practicing Anthropology* 43(1): 25-29. <https://doi.org/10.17730/0888-4552.43.1.25>

**Ilboudo Nébié E. K.**, C.T. West, T.A. Crane. 2020. 'Where's the map?': integrating ethnography with maps to understand the complementarity between pastoral mobility and border formation. *Journal of Political Ecology* 27(1): 795-818. <https://doi.org/10.2458/v27i1.23152>

**Ilboudo Nébié, E.**, West, C. T. 2019. The dynamics between migration and land use and land cover change in Burkina Faso: A comparative case study. *Journal of Political Ecology* 26(1): 614-632. <https://doi.org/10.2458/v26i1.23070>

West, C.T., A. Moody, **E.K. Nébié**, and O. Sanon. 2017. Ground-truthing Sahelian greening: Ethnographic and spatial evidence from Burkina Faso. *Human Ecology* 45(1):89-101. <https://doi.org/10.1007/s10745-016-9888-8>

Call, M., T. Mayer, S. Sellers, D. Ebanks, M. Bertalan, **E.K. Nébié**, and C. Gray. 2017. Socio-environmental drivers of forest change in Rural Uganda. *Land Use Policy* 62(2017): 49-58. <https://doi.org/10.1016/j.landusepol.2016.12.012>

West, C.T., **E.K. Nébié**, and A. Somé. 2014. Famines are a thing of the past: Food insecurity trends in northern Burkina Faso. *Human Organization* 73(4):340–350. <https://doi.org/10.17730/humo.73.4.t6952215w6281m36>

## BOOK CHAPTER

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**Ilboudo Nébié, E.** 2020. Where are the Women? Gendered experiences of land resources management in the time of climate change in southern Burkina Faso. In Boyd L. and E. Burrill (eds.). *Legislating Gender and Sexuality*. Madison, WI: University of Wisconsin Press

## SYNTHESIS REPORTS

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Crane, T.A., **Nébié, E.**, Ng'ang'a, T. 2018. Social differentiation and climate change adaptation - synthesis report. LGACC Working Paper No. 2. Nairobi, Kenya: International Livestock Research Institute, 7pages.

[https://www.worldagroforestry.org/sites/agroforestry/files/2019-07/LGACC\\_Social%20Differentiation%20synthesis\\_WorkingPaper2\\_2019layout.pdf](https://www.worldagroforestry.org/sites/agroforestry/files/2019-07/LGACC_Social%20Differentiation%20synthesis_WorkingPaper2_2019layout.pdf)

**Nébié, E.** 2016. Exploring Three Climate Adaptation Strategies in the Pastoral Zone of Sondré-Est. LGACC Project Report No. 5. Nairobi, Kenya: International Livestock Research Institute, 35 pages.

<http://apps.worldagroforestry.org/file/7886/download?token=456IDJEY>

## POLICY BRIEF

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Fuchs, L.E., Njuguna, L.W., Robinson, L.W., Zampaligré, N., Coulibaly, J., Crane, T., **Nébié, E.**, Ng'ang'a, T., Somé, B., Ontiri, E. 2018. Characterizing Local Adaptive Capacity at Various Scales: A Framework for Adaptation Planning. LGACC Policy Brief 2. Nairobi, Kenya: World Agroforestry Center.

## SELECTED PRESENTATIONS

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- "Climate Variability and Livelihoods in the Sahel of West Africa," Dec. 5, 2019, workshop on transdisciplinary research on migration in West Africa, Columbia-NYU NSF project "Disentangling climate, food security and social factors as drivers of migration in and out of West Africa," Columbia University, New York, NY.
- "Analyzing Climate Adaptation as Social Practice in the Sondré-Est Pastoral Zone in Burkina Faso," Nov. 2019, guest, Climate and Society Master's Program (Professor: Dr. Ben Orlove), Columbia University, New York, NY.
- "We Move with the Birds: Indigenous Knowledge and Pastoral Mobility among the Fulbe of Burkina Faso," Arctic Week Conference, 2018, Observatoire de Versailles Saint-Quentin-en-Yvelines, France.
- "Mapping borders and lives in the Pastoral zone of Sondré-Est and its Surroundings in the Center-South region of Burkina Faso," Nov 2, 2017, African Studies Center Seminar Series, UNC-CH.
- "Becoming Sedentary on Someone Else's Land: The Political Ecology of Land Tenure in Pastoral Zones," Oct. 30, 2017, Anthropology department Food, Environment and Sustainability Speed Talks, UNC-CH, NC.
- "Participatory Ground Truthing of Vegetation Trends in Burkina Faso," guest, Sep. 2014, (Course: Anthropology and Political Ecology, professor: Dr. Arturo Escobar), UNC-CH, NC.
- "Food Insecurity Trends in Northern Burkina Faso: Data Analysis", 2014, Society for Applied Anthropology Annual Conference, Albuquerque, New Mexico.

## HONORS AND AWARDS

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- International Development Research Center Research Award	2020
- Earth Institute Postdoctoral Fellowship, Columbia University	2018-20
- Polgar Award for outstanding applied anthropology work, Department of Anthropology, UNC-CH	2018
- Wadsworth Dissertation Write-up Fellowship, Wenner-Gren Foundation	2017
- Dissertation Completion fellowship, Graduate School, UNC-CH	2017
- International Livestock Research Institute Fellowship	2016-17
- Off-Campus Dissertation Research Award, Graduate School, UNC-CH	2016
- Chancellor's Candidacy Award, Initiative for Minority Excellence, Graduate School, UNC-CH	2016
- Wadsworth International Fellowship, Wenner-Gren	2013-16
- International Peace Scholarship, PEO International	2013-15
- Harriett Kupferer Travel award, Department of Anthropology, UNC-CH	2014
- UNC Doctoral Merit-Based Assistantship, Graduate School, UNC-CH	2013-14
- Fulbright Junior Staff Development Program, US Department of State	2011-13

## GRANTS

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Earth Frontiers Seed Funding, Earth Institute, Columbia University, (\$49,346) Co-Principal investigator Project title: How can climate services and technology improve livestock management in pastoral communities?	2020-21
Borlaug Leadership Enhancement in Agriculture Research Fellowship, USAID (\$20,000) Principal Investigator Project title: Identifying Sustainable Pathways to Climate Change Adaptation in African Drylands	2016
Public Diplomacy Section, US Embassy, Burkina Faso (\$1000) Co-Principal investigator Project title: A Bilingual Journal Club for Healthcare Researchers in Centre Muraz, Bobo-Dioulasso	2015-16
Cultural Anthropology Research Experience, National Science Foundation (\$5,000) Co-Principal investigator: Colin Thor West Project title: Climate, Population Density, and Remote Sensing: Identifying Social-ecological Hotspots	2014

## MEDIA OUTREACH

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**State of the Planet:** "Lisa Ilboudo Nébié : Studying Food Security, Environmental and Migration in West Africa," 2021 <https://news.climate.columbia.edu/2021/02/11/elisabeth-ilboudo-nebie-spotlight/>

**The Atlantic:** "A Pandemic Journey that Puts Odysseus to Shame," 2020  
<https://www.theatlantic.com/science/archive/2020/08/an-arctic-scientists-dizzying-journey-home-during-the-coronavirus/615124/>

RadioTV: "Land, Ernährung, Migration," 2020  
<http://www.radioafrika.net/2020/02/05/land-ernaehrung-migration/>

**The Conversation:** "Burkina Faso study shows link between land degradation and migration," 2020  
<https://theconversation.com/burkina-faso-study-shows-link-between-land-degradation-and-migration-130006>

**Columbia Magazine:** “Helping Herders in Africa Adapt to Climate Change,” 2019  
<https://magazine.columbia.edu/article/helping-herders-africa-adapt-climate-change>

**State of the Planet:** “Mixing Science with Tradition Among Burkina Faso’s Migratory Herders,” 2019  
<https://blogs.ei.columbia.edu/2019/04/05/science-tradition-ful%CE%B2e-herders/>

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#### **MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS**

United States’ National Postdoctoral Association; Society for Applied Anthropology; Political Ecology Society.

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#### **SERVICE**

- Earth Institute Postdoctoral Representative to Earth Institute Faculty, 2019-2020
- Lamont-Doherty Earth Observatory Open House (Volunteer), 2018
- Anthropology Graduate Student Association (Senator) and Travel Award Committee (Member), Graduate & Professional Student Federation, UNC-CH, 2014 – 2015
- Friends of Burkina Faso Network (volunteer); Fulbright Program (review team member), BF; Young African Leadership Initiative (review team member), USA; United Nations Online Volunteers (online French and English Translator & Transcriber); USA-Burkina Faso Exchange Programs Alumni Association (member)

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#### **LANGUAGES**

French: Proficient; English: Proficient; Mooré: Native speaker

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#### **SOFTWARE USED**

ArcGIS, ENVI, QGIS, MAXQDA, Nvivo