Curriculum Vitae

**Wolfgang Alders**

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**EDUCATION**

2022 PhD, Anthropology (Archaeology), **University of California, Berkeley**

Dissertation Title: Uneven Ground: The Archaeology of Social Transformation in Zanzibar, Tanzania

2016 M.A. Anthropology (Archaeology), University of California, Berkeley

2014 B.A. Dual Degrees, Anthropology (Honors) and Archaeology, Johns Hopkins University

**EMPLOYMENT**

2024-2025 Visiting Research Scholar, Institute for the Study of the Ancient World, NYU

2022-2024 National Science Foundation SBE Postdoctoral Fellow, Center for Advanced Spatial Technologies, University of Arkansas Fayetteville

**JOURNAL ARTICLES**

In Review **Alders W.**, Juma, K., Manzi, Z., Muhammed, H., Musa, H., Suleiman, H., Ubwa, A.,

Vuai, A., Ali, A. Coastal raiding, indigenous hinterlands, and small-scale agricultural transformations on the eastern African Swahili Coast. *Current Anthropology*.

In Press **Alders, W.** The rural history of a rapidly urbanizing place: tracking long-term urban and rural settlement patterns with satellite remote sensing and archaeological field survey in Zanzibar, Tanzania. The *Journal of Field Archaeology.*

In Press Haji, F.; Haji, K. S.; Ally, A.; **Alders, W.;** Othman, B.; Mussa, M.; Kasala, A.; Hamad, H. F.; Khamis, A. A. Archaeological investigations at Pungume, a small island off the coast of southern Unguja in Zanzibar, Tanzania. Submitted to *Nyame Akuma.*

2024 **Alders, W.**, Davis, D.; Haines, J. Archaeology in the fourth dimension: studying landscapes with multitemporal PlanetScope satellite data. *The* *Journal of Archaeological Method and Theory*. https://doi.org/10.1007/s10816-024-09644-x

2024 **Alders W.** Clientage, debt, and the integrative orientation of non-elites on the East African Swahili coast. *Journal of Anthropological Archaeology*. 73. https://doi.org/10.1016/j.jaa.2023.101553

2023 **Alders W.** Open-access archaeological predictive modeling using zonal statistics: a case study from Zanzibar, Tanzania. *Journal of Computer Applications in Archaeology* 6(1): 117-142. DOI: https://doi.org/10.5334/jcaa.107

2023 **Alders W.** The archaeology of social transformation in rural Zanzibar, Tanzania, eleventh to nineteenth centuries CE. *African Archaeological Review*. https://doi.org/10.1007/s10437-023-09523-y

2020 **Alders W.** Preliminary results of a 2019 survey in inland Zanzibar, Tanzania.

*Nyame Akuma* 94: 38-45.

2016 **Alders W.** Archaeological survey and landscape history at Gede, Kenya. *Nyame Akuma* 85: 33-43.

**MANUSCRIPTS IN PROGRESS**

(in prep) **Alders, W.;** Lim, J.; Klehm, C. Baobab tree distributions are associated with ancient settlements on offshore islands in eastern Africa. (in prep for *Journal of Archaeological Science*).

(in prep) Dumitru, I.A., Kristiansen, S.M., Lupien R., Olsen, J., **Alders, W.,** Romanowska, I., Sindbæk, S.M., Raja, R. (in prep): Global climate event coincides with extreme drought and migrations in 6th – 7th centuries CE eastern Africa. (in prep for *Science*).

**GRANTS, FELLOWSHIPS, AND AWARDS** **(total: $294,045)**

2022-24 PI, NSF SBE Postdoctoral Research Fellowship, “Modeling Long-Term Urban and Rural Settlement Dynamics.” National Science Foundation ($148,000)

2023-24 ARUA/Universitas 21 Early Career Researcher Collaboration Award, “Dynamic Coasts and Landscapes of Resilience: Exploring Historical Adaptations to Climatic and Environmental Extremes in Tropical East Africa”. With Ioana Dumitru (University of Sydney), Musa Mwitondi, and Elinaza Mjema (University of Dar es Salaam). ($15,000)

2022-23 Spatial Archaeology Residential and Online Institute (SAROI) Fellowship, National Endowment for the Humanities, Center for Advanced Spatial Technologies, University of Arkansas ($13,630)

2021 Al-Falah Fellowship, Center for Middle Eastern Studies ($7000), UC Berkeley

2020 Lowie-Olson Research Grant, UC Berkeley ($3000), Dept. of Anthropology

2019-2020 Doctoral Completion Fellowship Award, University of California, Berkeley ($23,000)

2019 NSF Doctoral Dissertation Improvement Research Grant (#1836770), “The Relationship between Agriculture and Population Distribution.” National Science Foundation ($25,200). (PI: Lisa Maher)

2019 Dissertation Fieldwork Grant (#9725), “Settlement History in the Plantation Landscapes of Central Zanzibar, AD 1500-1850”. Wenner-Gren Foundation ($20,000)

2019 Simpson Dissertation Fellowship, Institute of International Studies, UC Berkeley ($15,000)

2017 Rocca Dissertation Fellowship, Center for African Studies, UC Berkeley ($2400)

2016 - 2021 Stahl Endowment Research Grant, UC Berkeley, Archaeological Research Facility ($3000)

2016 Conference Travel Grant, Graduate Division, UC Berkeley ($1500)

2016 Language Award, Advanced Kiswahili, FLAS, Yale University ($7500)

2016 Pre-Dissertation Grant, Institute of International Studies, UC Berkeley ($5000)

2016 Summer Language Grant, Center for African Studies, UC Berkeley ($3000)

2015 NSF Graduate Research Fellowship, Honorable Mention. National Science Foundation

2015 Andrew Mellon Foundation Research Grant, Center for Middle Eastern Studies, UC

Berkeley ($1815)

2014 George and Mary Foster Fellowship, Dept. of Anthropology, UC Berkeley

2014 William V. Power Graduate Award, UC Berkeley

**TEACHING EXPERIENCE**

**Instructor**

2022 Dept. of Anthropology, University of California, Berkeley

R5B Freshman Writing Seminar, “Politics of African Archaeology and Heritage” (Spring)

**Teaching Assistant**

2021 Dept. of Environmental Science, Policy, and Management, University of California,

Berkeley

ESPM 72 – Intro to Geographic Information Systems (Summer)

2015-2020 Dept. of Anthropology, University of California, Berkeley

Anth 2AC: Intro to Archaeology (Fall 2015, 2018, 2020)

2016-2018 Dept. of Middle Eastern Studies, University of California, Berkeley

MES 15: Intro to Near Eastern Art and Archaeology (Spring 2016, 2017, 2018)

**TRAINING, MENTORSHIP, AND WORKSHOPS**

2024 Workshop: “Archaeology in the Fourth Dimension: CORONA, HEXAGON, and Other Multitemporal Satellite Imagery”, delivered for the Archaeology of China graduate seminar class, Cotsen Institute, UCLA

2023 Training and mentoring in ceramic analysis and data management for Anthropology major, University of Arkansas, Fayetteville

2023 Workshop: “GIS and GNSS for Archaeology”, delivered for staff in Dept. of Museums and Antiquities, Zanzibar, Tanzania

2023 Trained two PhD and three undergraduate students in survey methods, GNSS, GIS, and ceramic analysis during fieldwork in Zanzibar, Tanzania

2020 Supervised two undergraduates in managing field data in Excel. PI: Lisa Maher

2019 Trained five students from State University of Zanzibar in archaeological field methods, remote sensing, and ceramic analysis

2018 Supervised two undergraduates in soil analysis of sediments from Zanzibar, Tanzania. PI: Lisa Maher, UC Berkeley

2016-17 Trained five undergraduates doing structure-from-motion photogrammetry of Iron Age ceramics from Jordan. PI: Benjamin Porter, UC Berkeley

2015 Supervised two undergraduates in a collaborative research project with Musanda Royal Council of Tsimbupfe, South Africa. PI: Jun Sunseri, UC Berkeley

**RESEARCH ACTIVITIES LED BY THE RESEARCHER**

2022-2024 PI, Zanzibar Urban-Rural Complexity Project. Zanzibar, Tanzania

2023-2024 Co-PI, CALOR Project, Pangani, Tanzania.

2019-2022 Co-PI, Inland Zanzibar Archaeological Survey. Zanzibar, Tanzania.

2017 Co-PI, Archaeology of Land Use in Pemba, pilot study.

2016 Co-PI, Zanzibar Archaeological Rice Field Project, pilot study.

2013 Co-PI, Archaeological Survey of Gede, Kenya.

**OTHER RESEARCH EXPERIENCE**

2022-23 Field archaeologist, Oklahoma Archaeological Survey, sUAS mapping projects through

Center for Advanced Spatial Technologies, University of Arkansas

2017 Field archaeologist, Later Zanzibar Archaeology Project. PIs: Adria LaViolette,

University of Virginia, Neil Norman, College of William and Mary.

2017 Field archaeologist, Old Fort, Zanzibar. PI: Mark Horton, Bristol University.

2017 Field archaeologist, Unguja Ukuu, Zanzibar. PIs: Stephanie Wynne-Jones, University of York, Federica Sulas, Aarhus University.

2016-17 Graduate Research Assistant, structure-from-motion photogrammetry of Iron Age Jordan ceramics. UC President’s Catalyst Award Project. PI: Benjamin Porter, UC Berkeley

2015 Field archaeologist, Later Zanzibar Archaeology Project. PIs: Adria LaViolette,

University of Virginia. Neil Norman, College of William and Mary.

2014 Field archaeologist, Albany Bulb Archaeological Survey. PI: Annie Danis, UC Berkeley.

2014 Field archaeologist, Ifugao Archaeological Project, Philippines. PI: Stephen Acabado, UCLA.

2014 Collections Assistant, Roman Coin Translation and Cataloguing Project. Supervisors: Sanchita Balachandran and Elisabeth Campbell, Johns Hopkins University.

2013 Field Archaeologist, Archaeological Water Histories of Oman Project. PI:

Michael Harrower, Johns Hopkins University.

2012 Field School Participant - Dzhungar Mountains Archaeological Project, Kazakhstan. PI:

Michael Frachetti, Washington University in St. Louis

**ORGANIZED CONFERENCE SESSIONS**

2023 Chair, “25 Years Beyond Chiefdoms: Susan McIntosh's Pathways to Complexity Influence on African Archaeology.” Society of Africanist Archaeologists Biennial Meeting, June 1st, Houston, TX, with Carla Klehm. Discussants: Susan McKintosh and Stephanie Wynne-Jones

2021 Organizer, “Uses of Survey in Worldwide Contemporary Archaeology.” Society for American Archaeology Annual Meeting, Online.

**PRESENTATIONS AT PROFESSIONAL MEETINGS**

2024 **Alders W.** “Modeling Socioecological Transformation in Coastal East Africa: A Case Study from Unguja Island, Zanzibar, Tanzania”. Society for American Archaeology Annual Meeting. In the invited session “African Islands: A Comparative Archaeology.” Chair: Krish Seetah

2024 Dumitru, I., **Alders, W.** “Dynamic Coasts and Landscapes of Resilience: Archaeological and Environmental Hotspot Modeling on the Swahili Coast (Sixth-Nineteenth Century CE). In the session “Environmental Archaeology in Africa.” Chair: Asia Alsgaard.

2023 **Alders W.** “Heterarchy, Anti-Colonial Infrastructures, and the Busaid State in 19th- Century Zanzibar.” Society of Africanist Archaeologists Biennial Meeting. In session “25 Years Beyond Chiefdoms: Susan McIntosh's Pathways to Complexity Influence on African Archaeology.” Co-Chairs: Carla Klehm and Wolfgang Alders

2023 **Alders W.**, Haines, J. “Landscapes of Stone in Mauritius and Zanzibar.” Society for American Archaeology Annual Meeting. In invited session “Adventures in Spatial Archaeometry: A Survey of Recent High-Resolution Survey and Measurement Application.” Session organizers: Sarah Watson and Elizabeth Clay

2021 **Alders W.** “Long-Term Settlement in Plantation Regions of Unguja, Zanzibar.” Society for American Archaeology Annual Meeting. In session, “Uses of Survey in Worldwide Contemporary Archaeology.” Session organizer: Wolfgang Alders, University of California, Berkeley

2021 **Alders W.** “Settlement and Environment on Zanzibar in the Context of the Western Indian Ocean”. Society for American Archaeology Annual Meeting. Discussant in lightning-round panel “An Ocean of connections: tangible and intangible exchanges in the IOW.” Organizers: Stefania Manfio and Alessandra Cianciosi

2017 **Alders W.**, Ali, A. K. “Preliminary Results of Geoarchaeological Sampling and Survey to Investigate Landscape History in Northern Unguja, Zanzibar.” Society for American Archaeology Annual Meeting. In the panel, “Advances in Geoarchaeological Research Methods.” Session organizer: Michael Wilson, Simon Fraser University

2016 **Alders W.**, Rice, Mwamba Agriculture, and Civilizational Discourse in Zanzibar: 11th- 17th Centuries AD. Society of Africanist Archaeologists Biennial Meeting. In panel, “Landscape formation processes and archaeological research in Africa.” Session Organizer: Brian Clark, Rice University

**INVITED TALKS**

2024 Early Globalization and Ancient Connectivity on the Eastern African Swahili Coast: A View from Pangani Bay in Northern Tanzania. Invited talk, Institute for the Study of the Ancient World, New York University.

2024 “Zanzibar resembles a city with a hostile army encamped in its neighborhood”: Coastal Raiding and the Archaeology of Refuge on the Swahili Coast”. Invited talk, Cotsen Institute of Archaeology Advanced Seminar, Archaeologies of Forced Migration: Approaches, Case Studies and Prospects. Organized by Li Min and Aaron Burke, UCLA

2023 Integration and Autonomy in the Island Hinterland of Zanzibar Stone Town, 8th-19th centuries CE. Invited talk. The Cotsen Institute of Archaeology, UCLA

2022 Exploring Swahili Urban Transformations. Anthropology Brown Bag, University of Arkansas, Fayetteville

2022 Uneven Ground: The Archaeology of Settlement Reorganization in Zanzibar, Tanzania.

Invited talk. Archaeological Research Facility, UC Berkeley

2022 Moderator for the panel “Abdulrazak Gurna’s Nobel Prize in Literature:

Implications in the African Language Classroom.” Dept. of African and African-American Studies, UC Berkeley: https://www.youtube.com/watch?v=G3C0rx72X8Y

2020 Presenter, “Long-Term Inland Settlement and Agricultural Change in Zanzibar, Tanzania.” Dept. of Anthropology, UC Berkeley: https://www.youtube.com/watch?v=TvpBzCwJfGM

2020 Land Use, Labor, and Long-Term History in Rural Zanzibar, Tanzania. African

Archaeology Research Day. University of Leicester

2020 Long-Term Inland Settlement and Agricultural Change in Zanzibar, Tanzania.

Archaeological Research Facility, UC Berkeley

2016 Cultivating Cosmopolitanism: Long-Term Archaeological Histories, Agriculture and Poetry in Zanzibar. In Symposium on Early Modern Identities. UC Berkeley

2016 Becoming Zanzibar: Comparative Archaeological and Ecological Histories of Unguja and Pemba. Archaeological Research Facility, UC Berkeley

2014 Museum Chat, “Roman Coins from the Franklin Wright Collection”. With Elisabeth Campbell and Sheri Leonard. Johns Hopkins Archaeological Museum. Johns Hopkins University

**PUBLIC OUTREACH**

2022 Public talk at the Ko-ko-ci Arkansas Archaeological Survey: “The Archaeology of Social Transformation in Zanzibar, Tanzania”. 14/12/2022

2022 Translation and dissemination of archaeological results into Swahili and community meetings in Zanzibar, Tanzania. With Jackson Kimambo and Abdallah Khamis Ali

2019 Archaeology Outreach Day – Dig Kits at East Oakland Youth Development Center. 01/03/2019

2019 Archaeology Outreach Day – Dig Kits at Mosswood Park, Oakland, CA. 25/02/2019

2017-2018 ORIAS Speaker Bureau, “The Archaeology of the Swahili Coast: East Africa and the Indian Ocean.” Center for African Studies, UC Berkeley. Three talks for 12th grade AP Human Geography at Bishop O’Dowd High School (29/11/2017), two talks for 6th grade Social Science at Park Day School (02/11/2017), and two talks for 7th grade World History at Life Academy of Health and Bioscience (16/03/2018).

2016 GIS technician, SaveNubia Project, Contra Costa College. Created maps between 01/12/2016-31/12/2016

2016 Madera Elementary School Archaeological Outreach Day visit, Oakland CA. 06/05/2016

2015-ongoing Created and contributed to the Swahili Archaeology and Poetry Blog: https://archaeologyinswahili.wordpress.com/

2015 Madera Elementary School Archaeological Outreach Day visit, Oakland CA. 01/05/2015

2015 “Archaeology, Anthropology, Race and Colonialism in Africa”, a talk presented to upper-level high school students in the African-American History class at Bishop O’Dowd High School, Oakland, CA. 30/09/2015

**LANGUAGE PROFICIENCY**

English (native), Swahili (fluent), German (intermediate)

**RELATED PROFESSIONAL SKILLS**

Geographic Information Systems (ESRI ArcGIS Pro, QGIS)

Remote Sensing (ENVI, Trimble eCognition)

Terrestrial and Drone-Based Photogrammetry (Agisoft Metashape)

UAV / Drone Applications for Archaeology (US FAA Remote Pilot License: 4782391)

GNSS Mapping (Trimble, Emlid)

Artifact Photography

**MEMBERSHIP IN PROFESSIONAL SOCIETIES**

American Anthropological Association

Archaeological Institute of America

European Association of Archaeologists

Society for American Archaeology

Society for Historical Archaeology

Society of Africanist Archaeologists