Stanford

# Andrew Bauer

Professor of Anthropology

## Bio

### BIO

Andrew Bauer is an anthropological archaeologist whose research and teaching interests broadly focus on archaeological method and theory, geoarchaeology, and environmental anthropology, including the socio-politics of land use and both symbolic and material aspects of producing spaces, places, and landscapes. Bauer's primary research is based in South India, where he co-directs fieldwork investigating the relationships between landscape history, cultural practices, and institutionalized forms of social inequalities and difference during the region's Neolithic, Iron Age, Early Historic, and Medieval periods. As an extension of his archaeological work he is also interested in the intersections of landscape histories and modern framings of nature that relate to conservation politics and climate change. He has published broadly on these topics.

### ACADEMIC APPOINTMENTS

- Professor, Anthropology

## Teaching

### COURSES

**2025-26**

- Archaeological Methods: ANTHRO 91A, ARCHLGY 102 (Win)
- Introduction to Archaeological Thought: ANTHRO 303 (Aut)
- The Archaeology of Climate: ANTHRO 103, ANTHRO 203, ARCHLGY 106 (Win)

**2024-25**

- Archaeological Geographic Information Systems: ANTHRO 198A, ANTHRO 298A, ARCHLGY 198A, ARCHLGY 298A (Win)
- Archaeological Methods: ANTHRO 91A, ARCHLGY 102 (Win)
- Introduction to Archaeological Thought: ANTHRO 303 (Aut)
- Reading Group: ANTHRO 442 (Spr)

**2023-24**

- Archaeological Geographic Information Systems: ANTHRO 198A, ANTHRO 298A, ARCHLGY 198A, ARCHLGY 298A (Win)
- Archaeological Methods: ANTHRO 307 (Aut)
- Introduction to Archaeology: ANTHRO 3, ARCHLGY 1 (Win)

### STANFORD ADVISEES

Luna Valentin

**Doctoral Dissertation Reader (AC)**

Jingpu Li, Venolia Rabodiba, Teathloach Wal

**Postdoctoral Faculty Sponsor**

Zachary Silvia

**Doctoral Dissertation Advisor (AC)**

Gabriella Armstrong, Cassandra Padgett, Utsavi Singh

**Doctoral Dissertation Co-Advisor (AC)**

Luna Valentin

**Doctoral (Program)**

Gabriella Armstrong, Mansa Ghildiyal, Hrishita Ghosh, Rachael Healy, Cassandra Padgett, MyKayla Williamson

## Publications

### PUBLICATIONS

- **The Problem of Resilience and the Politics of Precarity** *AMERICAN ANTHROPOLOGIST*
  Bauer, A. M.
  2025
- **Reconceptualizing the Archaeology of Southern India: Beyond Periodization and Toward a Politics of Practice**
  Johansen, P., Bauer, A. M.
  Routledge.2024
- **Cultivating problems and politics: Precarious fields and the social history of the Medieval Deccan, southern India** *Archaeological Papers of the American Anthropological Association*
  Bauer, A. M.
  2024; 35: 28-39
- **Social distinctions during the south Indian Neolithic: changing mortuary practices in a late prehistoric cemetery at Maski** *ANTIQUITY*
  Johansen, P. G., Bauer, A. M.
  2023; 97 (394): 887-907
- **Critical Geoarchaeology: From Depositional Processes to the Sociopolitics of Earthen Life** *Annual Review of Anthropology*
  Bauer, A. M.
  2023; 52: 455-471
- **The politics and historicity of megalithic places in early South India** *JOURNAL OF SOCIAL ARCHAEOLOGY*
  Bauer, A. M., Johansen, P. G.
  2022
- **A practical solution: the Anthropocene is a geological event, not a formal epoch** *EPISODES*
  Gibbard, P. L., Bauer, A. M., Edgeworth, M., Ruddiman, W. F., Gill, J. L., Merritts, D. J., Finney, S. C., Edwards, L. E., Walker, M. J. C., Maslin, M., Ellis, E. C.
  2022; 45 (4): 349-357
- **Archaeological Context and Archival Content: Historical Archaeology and Medieval Period Donative Practices on the Raichur Doab, Southern India** *MEDIEVAL HISTORY JOURNAL*
  Bauer, A. M.
  2021; 24 (1-2): 17-55
- **Climate Without Nature: A Critical Anthropology of the Anthropocene**
  Bauer, A. M., Bhan, M.
  Cambridge University Press.2018

- **Before Vijayanagara : Prehistoric Landscapes and Politics in the Tungabhadra Basin**
  Bauer, A. M.
  Manohar and American Institute of Indian Studies .2015
- **The Archaeology of Politics: The Materiality of Political Practice and Action in the Past**
  Johansen, P. G., Bauer, A. M.
  Cambridge Scholars Publishing.2011
- **The Anthropocene Is More Than a Time Interval** *EARTHS FUTURE*
  Edgeworth, M., Bauer, A. M., Ellis, E. C., Finney, S. C., Gill, J. L., Gibbard, P. L., Maslin, M., Merritts, D. J., Walker, M. J. C.
  2024; 12 (7)
- **The Anthropocene is best understood as an ongoing, intensifying, diachronous event** *BOREAS*
  Walker, M. J. C., Bauer, A. M., Edgeworth, M., Ellis, E. C., Finney, S. C., Gibbard, P. L., Maslin, M.
  2023
- **The Anthropocene serves science better as an event, rather than an epoch** *JOURNAL OF QUATERNARY SCIENCE*
  Edwards, L. E., Bauer, A., Edgeworth, M., Ellis, E., Finney, S., Gibbard, P., Gill, J. L., Maslin, M., Merritts, D., Ruddiman, W., Walker, M.
  2022
- **Ritual, settlement and land-use practices: Towards a social history of Neolithic though Medieval period Maski, southern India** *ARCHAEOLOGICAL RESEARCH IN ASIA*
  Johansen, P. G., Bauer, A. M.
  2022; 31
- **The Anthropocene as an Event, not an Epoch** *JOURNAL OF QUATERNARY SCIENCE*
  Gibbard, P., Walker, M., Bauer, A., Edgeworth, M., Edwards, L., Ellis, E., Finney, S., Gill, J. L., Maslin, M., Merritts, D., Ruddiman, W.
  2022
- **Ritual, Settlement and Land-use Practices: Towards a Social History of Neolithic though Medieval period Maski, southern India** *Archaeological Research In Asia*
  Johansen, P. G., Bauer, A. M.
  2022; 31
- **Anthropocene: event or epoch?** *NATURE*
  Bauer, A. M.
  2021; 597 (7876): 332
- **Early water management in South Asia: Geochronology and micromorphology of rock pools and small-scale water catchment features in Karnataka, India** *GEOARCHAEOLOGY-AN INTERNATIONAL JOURNAL*
  Gaggioli, A. M., Bauer, A. M., Morrison, K. D., Lycett, M. T.
  2021
- **Mapping past human land use using archaeological data: A new classification for global land use synthesis and data harmonization.** *PloS one*
  Morrison, K. D., Hammer, E., Boles, O., Madella, M., Whitehouse, N., Gaillard, M., Bates, J., Vander Linden, M., Merlo, S., Yao, A., Popova, L., Hill, A. C., Antolin, et al
  2021; 16 (4): e0246662
- **Ritualizing land and cultivating distinctions: Medieval Period donative practices and a political ecology of the Raichur Doab** *Power, Presence, and Space: South Asian Rituals in Archaeological Context*
  Bauer, A. M.
  2020
- **Making megaliths and constituting collectives: Politics, places, and historicity in prehistoric South India** *The Archaeology of Knowledge Traditions of the Indian Ocean World,*
  Bauer, A. M., Johansen, P. G.
  2020
- **The Maski Archaeological Research Project (2010-18): initial results from a multi-period interdisciplinary project on the Raichur Doab, Karnataka, India** *CURRENT SCIENCE*

Bauer, A. M., Johansen, P. G.
2019; 117 (1): 46–56

- **Urbanism and the temporality of materiality on the medieval Deccan: Beyond the cosmograms of social and political space** *New Materialisms Ancient Urbanisms*
  Bauer, A. M.
  2019
- **Substances and materials** *The Society for Archaeological Sciences Encyclopedia of Archaeological Sciences*
  Bauer, A. M.
  2019
- **On the Matter of Resources and Techno-Politics: The Case of Water and Iron in the South Indian Iron Age** *AMERICAN ANTHROPOLOGIST*
  Johansen, P. G., Bauer, A. M.
  2018; 120 (3): 412–28
- **The Anthropocene Divide Obscuring Understanding of Social-Environmental Change** *CURRENT ANTHROPOLOGY*
  Bauer, A. M., Ellis, E. C.
  2018; 59 (2): 209–27
- **Remote Sensing Soils and Social Geographies of Difference: The Landscape Archaeology of Regur from Iron Age through Medieval Period Northern Karnataka, Southern India** *JOURNAL OF FIELD ARCHAEOLOGY*
  Bauer, A. M.
  2018; 43 (1): 31–43
- **Questioning a posthumanist political ecology: Ontologies, environmental materialities, and the political in Iron Age South India** *Archaeological Papers of the American Anthropological Association*
  Bauer, A. M.
  2018; 29
- **Involve social scientists in defining the Anthropocene** *NATURE*
  Ellis, E., Maslin, M., Boivin, N., Bauer, A.
  2016; 540 (7632): 192-193
- **How things act: An archaeology of materials in political life** *JOURNAL OF SOCIAL ARCHAEOLOGY*
  Bauer, A. M., Kosiba, S.
  2016; 16 (2): 115-141
- **Welfare and the Politics and Historicity of the Anthropocene** *SOUTH ATLANTIC QUARTERLY*
  Bauer, A. M., Bhan, M.
  2016; 115 (1): 61-87
- **Water management and reservoirs in Southern India and Sri Lanka** *Encyclopedia of the History of Science, Technology, and Medicine in Non-Western Cultures*
  Bauer, A. M., Morrison, K. D.
  2016
- **Provincializing the littoral in Indian Ocean heritage: coastal connections and interior contexts of the Southern Deccan** *Bridging The Gulf: Maritime Cultural Heritage Of The Western Indian Ocean,*
  Bauer, A. M.
  2016
- **Toward the social significance of Iron Age megalithic complexes: The case of Hire Benakal—Koppal District, Karnataka** *Contextualizing Material Culture in South and Central Asia in Pre-Modern Times*
  Bauer, A. M.
  2016
- **PREHISTORIC MORTUARY PRACTICES AND THE CONSTITUTION OF SOCIAL RELATIONSHIPS: IMPLICATIONS OF THE FIRST RADIOCARBON DATES FROM MASKI ON THE OCCUPATIONAL HISTORY OF A SOUTH INDIA "TYPE SITE"** *RADIOCARBON*
  Bauer, A. M., Johansen, P. G.
  2015; 57 (5): 795-806

- **Iron Age settlement and land use in Southern India: Recent survey evidence from Koppal District, Karnataka** *South Asian Archaeology 2014 vol. 1: Man and environment in Prehistoric and Protohistoric South Asia: New Perspectives*
  Bauer, A. M.
  2015
- **Questioning the Anthropocene and its silences—socio-environmental history and the climate crisis** *Resilience: A Journal of the Environmental Humanities*
  Bauer, A. M.
  2015; 3 (1)
- **Beyond culture history at Maski: Land use, settlement and social differences in Neolithic through Medieval South India** *ARCHAEOLOGICAL RESEARCH IN ASIA*
  Johansen, P. G., Bauer, A. M.
  2015; 1-2: 6-16
- **Impacts of mid- to late-Holocene land use on residual hill geomorphology: A remote sensing and archaeological evaluation of human-related soil erosion in central Karnataka, South India** *HOLOCENE*
  Bauer, A. M.
  2014; 24 (1): 3-14
- **Landscapes of heritage and landscapes of practice: Contextualizing the megaliths of Hire Benakal** *Indian World Heritage Sites in Context*
  Bauer, A. M.
  2014
- **Mapping the Political Landscape: Toward a GIS Analysis of Environmental and Social Difference** *JOURNAL OF ARCHAEOLOGICAL METHOD AND THEORY*
  Kosiba, S., Bauer, A. M.
  2013; 20 (1): 61-101
- **Contextualizing megalithic places: survey, mapping, and surface documentation in the environs of Hire Benakal (Koppal District, Karnataka)** *Man and Environment*
  Bauer, A. M., Trivedi, M.
  2013; 38
- **Assessing anthropogenic soil erosion with multi-spectral satellite imagery: An archaeological case study of long-term land use in Koppal District, northern Karnataka** *South Asian Archaeology 2007, Proceedings of the 19th International Conference of The European Association of South Asian Archaeology, Volume I: Prehistoric Periods*
  Bauer, A. M., Morrison, K. D.
  2013
- **Producing the political landscape: Monuments, labor, water, and place in Iron Age central Karnataka** *The Archaeology of Politics: the Materiality of Political Practice and Action in the Past*
  Bauer, A. M.
  2011
- **Introduction: Reconfiguring 'politics' in the reconstruction of past political production** *The Archaeology of Politics: the Materiality of Political Practice and Action in the Past*
  Johansen, P. G., Bauer, A. M.
  2011
- **Water management and reservoirs in Southern India and Sri Lanka** *Encyclopedia of the History of Science, Technology, and Medicine in Non-Western Cultures,*
  Bauer, A. M., Morrison, K. D.
  2008
- **Toward a political ecology in early South India: Preliminary considerations of the socio-politics of land and animal use in the Southern Deccan, Neolithic through Early Historic Periods** *Asian Perspectives*
  Bauer, A. M., Johansen, P. G., Bauer, R. L.
  2007; 46
- **Archaeological site distribution by geomorphic setting in the southern Lower Cuyahoga River Valley, Northeastern Ohio: Initial observations from a GIS database** *GEOARCHAEOLOGY-AN INTERNATIONAL JOURNAL*

Bauer, A., Nicoll, K., Park, L., Matney, T.
2004; 19 (8): 711-729

- **Human-environment interactions on the Upper Khuzestan Plains, Southwest Iran¬—Recent investigations** *Paleorient*
  Alizadeh, A., Kouchoukos, N., Wilkinson, T. J., Bauer, A. M., Mashkour, M.
  2004; 30
- **Distribution in time, provenance, and weathering of gravestones in three northeastern Ohio cemeteries** *OHIO JOURNAL OF SCIENCE*
  Bauer, A., Hannibal, J. T., Hanson, C. B., Elmore, J. V.
  2002; 102 (4): 82-96
- **The third season of archaeological survey at Ziyaret Tepe, Diyarbakir Province, Turkey** *Anatolica*
  Matney, T., Bauer, A.
  2000; 26