

Dr. Camilla Mazzucato

Department of Cross-Cultural and Regional Studies, Copenhagen University,
Building 10, Karen Blixens Plads 8, 2300 Copenhagen, Denmark.
camimazz@hum.ku.dk

Short presentation

I am an anthropologist and archaeologist interested in relational approaches to archeology, theories of materiality (including New Materialism) and digital methods to Anthropology (**Network Science** and **GIS**). I have extensive experience as a GIS Specialist for large archaeological projects (e.g AERA and Çatalhöyük Research Project) and I am interested in the theory and practice of GIS technology, spatial analysis and digital cartography in archaeology and the application of multivariate statistics to archaeological data.

My research focuses on the Neolithic of Southwest Asia and specifically on the investigation of the social organization of large agricultural Neolithic communities. I use **Network Science methods** to disentangle patterns of social relations and to explore the nature of the social networks that emerged within communities during the early Holocene. For my research I combine different datasets both cultural and biological (aDNA) and I use a variety of exploratory and modelling network approaches.

I am currently a Postdoctoral Researcher for the **DFF Founded Project *Birds as a key line of evidence for human vulnerability and resilience to environmental shifts in a pre-agricultural context***. For this research I am applying **Geometric Morphometric** statistics for the identification of water bird species as a way of reconstructing the paleo-environment of several key Epipaleolithic and Neolithic sites in the Levant. I am additionally interested in applying a **Multispecies** approach to the study of the past and in the field of **Human-Animal Studies** and **Environmental Humanities**.

Qualifications

Anthropology, PhD, Stanford University
2014 → 2021
Award Date: 11 Jul 2021

Archaeology, MSc, University College London
0205 → 0206
Award Date: 1 Nov 2006

Archaeology, Master, University of Bologna
2000 → 2003
Award Date: 1 Jul 2003

Archaeology, BA, University of Bologna
1994 → 2000
Award Date: 25 Mar 2000

Employment

External Lecturer

Department of Cross-Cultural and Regional Studies
København S, Denmark
15 Sep 2023 → nu

Ekstern forsker

Department of Cross-Cultural and Regional Studies
København S, Denmark
1 Nov 2023 → nu

Ekstern forsker

Department of Cross-Cultural and Regional Studies
København S, Denmark
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København S, Denmark
1 Nov 2023 → nu

Ekstern forsker

Department of Cross-Cultural and Regional Studies

København S, Denmark

1 Nov 2023 → nu

Postdoc

Department of Cross-Cultural and Regional Studies

København S, Denmark

15 Mar 2020 → 31 Oct 2023

Research outputs

Human-bird interactions in the Levant during the Late Pleistocene to Early Holocene: Multi-scalar analysis of avifaunal remains

Yeomans, Lisa & Mazzucato, Camilla, 2024, (Submitted) In: *Archaeological and Anthropological Sciences*.

On the wing: Morphological variation in the osteology of Mediterranean, Near Eastern and Continental Europe Anatidae (excluding Anserinae)

Haruda, A. F., Mazzucato, Camilla & Yeomans, Lisa, 2024, (E-pub ahead of print) In: *Journal of Morphology*.

Waterfowl eggshell refines palaeoenvironmental reconstruction and supports multi-species niche construction at the Pleistocene-Holocene transition in the Levant

Yeomans, Lisa, Codlin, M. C., Mazzucato, Camilla, Bello, F. D. & Demarchi, B., 2024, In: *Journal of Archaeological Method and Theory*. 31, p. 1383-1429

Scratching the surface? A histotaphonomic study of human remains at Neolithic Çatalhöyük

Haddow, Scott Donald, Mazzucato, Camilla, Mangaloğlu-Votruba, S., Yağcı, B., Booth, T., Schotsmans, E. M. J. & Knüsel, C. J., Jun 2023, In: *Archaeological and Anthropological Sciences*. 15, 6, 74.

Mobility and kinship in the world's first village societies

Pearson, J., Evans, J., Lamb, A., Baird, D., Hodder, I., Marciniak, A., Larsen, C. S., Knüsel, C. J., Haddow, Scott Donald, Pilloud, M. A., Bogaard, A., Fairbairn, A., Plug, J. H., Mazzucato, Camilla, Mustafaoğlu, G., Feldman, M., Somel, M. & Fernández-Domínguez, E., 2023, In: *Proceedings of the National Academy of Sciences of the United States of America*. 120, 4, 7 p., e2209480119.

An Integrated Approach to the Study of Socio-material Networks at Çatalhöyük

Mazzucato, Camilla, 2022, *Communities at Work the Making of Çatalhöyük*. Hodder, I. & Tsoraki, C. (eds.). London: BIA British Institute in Ankara, p. 147-175 (Çatalhöyük Research Project Series, Vol. 15).

Continuity and Change in Architectural Traditions at Late Neolithic Çatalhöyük

Barański, M., García-Suárez, A., Kabukcu, C., Klimowicz, A., Love, S., Matthews, W., Mazzucato, Camilla & Tung, B., 2022, *Communities at Work the Making of Çatalhöyük*. Hodder, I. & Tsoraki, C. (eds.). BIA ed. London: BIA British Institute in Ankara, Vol. 15. p. 177-196 20 p. (Çatalhöyük Research Project Series, Vol. 15).

New insights on commemoration of the dead through mortuary and architectural use of pigments at Neolithic Çatalhöyük, Turkey

Schotsmans, E. M. J., Busacca, G., Lin, S. C., Vasić, M., Lingle, A. M., Veropoulidou, R., Mazzucato, Camilla, Tibbetts, B., Haddow, Scott Donald, Somel, M., Toksoy-Köksal, F., Knüsel, C. J. & Milella, M., 2022, In: *Scientific Reports*. 12, 1

No gentry but grave-makers: inequality beyond property accumulation at Neolithic Çatalhöyük

Kay, K., Haddow, Scott Donald, Knüsel, C., Mazzucato, Camilla, Milella, M., Veropoulidou, R. & Twiss, K. C., 2022, In: *World Archaeology*. 54, 4, p. 584-601 18 p.

Variable kinship patterns in Neolithic Anatolia revealed by ancient genomes

Yaka, R., Mapelli, I., Kaptan, D., Doğu, A., Chyleński, M., Erdal, Ö. D., Koptekin, D., Vural, K. B., Bayliss, A., Mazzucato, C., Fer, E., Çokoğlu, S. S., Lagerholm, V. K., Krzewińska, M., Karamurat, C., Gemici, H. C., Sevkar, A., Dağtaş, N. D., Kılınç, G. M., Adams, D. & 37 others, Munters, A. R., Sağlıcan, E., Milella, M., Schotsmans, E. M. J., Yurtman, E., Çetin, M., Yorulmaz, S., Altınışik, N. E., Ghalichi, A., Juras, A., Bilgin, C. C., Günther, T., Storå, J., Jakobsson, M., de Kleijn, M., Mustafaoğlu, G., Fairbairn, A., Pearson, J., Togan, İ., Kayacan, N., Marciniak, A., Larsen, C. S., Hodder, I., Atakuman, Ç., Pilloud, M., Sürer, E., Gerritsen, F., Özbal, R., Baird, D., Erdal, Y. S., Duru, G., Özbaşaran, M., Haddow, Scott Donald, Knüsel, C. J., Götherström, A., Özer, F. & Somel, M., 7 Jun 2021, In: *Current Biology*. 31, 11, p. 2455-2468

Intra-site GIS at Çatalhöyük (2009-2017): from an Integrative and Reflexive Tool to the Living Archive

Mazzucato, Camilla, Engel, C. & Lukas, D., 2020, *Spatial Webs. Mapping Anatolian Pasts for Research and the Public*. Roosevelt, C. H. (ed.). Istanbul: Koc University Press, p. 57-76 20 p.

Socio-Material Archaeological Networks at Çatalhöyük a Community Detection Approach

Mazzucato, Camilla, 2019, In: *Frontiers in Digital Humanities*. 6, May, p. 1 25 p.

Towards a Living Archive: Making Multi Layered Research Data and Knowledge Generation Transparent

Lukas, D., Engel, C. & Mazzucato, Camilla, 31 Oct 2018, In: *Journal of Field Archaeology*. 43, sup1, p. S19-S30

"The rise of the machine": The impact of digital tablet recording in the field at Çatalhöyük

Taylor, J. S., Issavi, J., Berggren, Å., Lukas, D., Mazzucato, Camilla, Tung, B. & Dell'Unto, N., 2018, In: *Internet Archaeology*. 47

Near Urban Living: Çatalhöyük and the Late Neolithic Megasites

Mazzucato, Camilla, 2016, In: *Norwegian Archaeological Review*. 49, 1, p. 65 69 p.

Revisiting reflexive archaeology at Çatalhöyük: integrating digital and 3D technologies at the trowel's edge

Berggren, A., Dell'Unto, N., Forte, M., Haddow, Scott Donald, Hodder, I., Issavi, J., Lercari, N., Mazzucato, Camilla, Mickel, A. & Taylor, J. S., 1 Apr 2015, In: *Antiquity*. 89, 344, p. 433-448 16 p.

Revisiting reflexive archaeology at Çatalhöyük: integrating digital and 3D technologies at the trowel's edge

Berggren, Å., Dell'Unto, N., Forte, M., Haddow, Scott Donald, Hodder, I., Issavi, J., Lercari, N., Mazzucato, Camilla, Mickel, A. & Taylor, J. S., 2015, In: *Antiquity*. 89, 344, p. 433-448 16 p.

'Up in Flames': A Visual Exploration of a Burnt Building at Çatalhöyük in GIS

Taylor, J., Bogaard, A., Carter, T., Charles, M., Haddow, Scott Donald, Knüsel, C. J., Mazzucato, Camilla, Mulville, J., Tsoraki, C., Tung, B. & Twiss, K., 2015, *Assembling Çatalhöyük*. Hodder, I. & Marciniak, A. (eds.). Routledge ed. London, p. 127-149 23 p.

Assessing Outdoor Activities and Their Social Implications at Catalhoyuk.

Bogaard, A., Ryan, P., Yalman, N., Asouti, E., Twiss Katheryn, C., Mazzucato, Camilla & Farid, S., 2014, *Integrating Çatalhöyük. Themes from the 2000-2008 Seasons*. Hodder, I. (ed.). Cotsen Institute of Archaeology Press ed. London and Los Angeles: British Institute at Ankara and Cotsen Institute of Archaeology Press, Vol. 10. p. 123-147 25 p.

Mapping and Sampling Catalhoyuk

Mazzucato, Camilla, 2013, *Humans and Landscapes of Çatalhöyük: Reports from the 2000-2008 Seasons*. Hodder, I. (ed.). London and Los Angeles: British Institute at Ankara and Cotsen Institute of Archaeology Press, p. 31-64 34 p.

Modes of religiosity and the evolution of social complexity at Çatalhöyük

Whitehouse, H., Mazzucato, Camilla, Hodder, I. & Atkinson, Q. D., 2012, *Religion at Work in a Neolithic Society: Vital Matters*. Hodder, I. (ed.). Cambridge: Cambridge University Press (cup), Vol. 9781107047. p. 134-156 23 p.