

## Dr. Camilla Mazzucato

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### Kort præsentation

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**.

### Kvalifikationer

Anthropology, PhD, Stanford University  
2014 → 2021

Dimissionsdato: 11 jul. 2021

Archaeology, MSc, University College London  
0205 → 0206

Dimissionsdato: 1 nov. 2006

Archaeology, Master, University of Bologna  
2000 → 2003

Dimissionsdato: 1 jul. 2003

Archaeology, BA, University of Bologna  
1994 → 2000

Dimissionsdato: 25 mar. 2000

### Ansættelse

#### Ekstern lektor

Institut for Tværkulturelle og Regionale Studier  
Københavns Universitet  
København S, Danmark  
15 sep. 2023 → nu

#### Ekstern forsker

Institut for Tværkulturelle og Regionale Studier  
Københavns Universitet  
København S, Danmark  
1 nov. 2023 → nu

#### Ekstern forsker

Institut for Tværkulturelle og Regionale Studier  
Københavns Universitet  
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Københavns Universitet  
København S, Danmark  
1 nov. 2023 → nu

#### **Ekstern forsker**

Institut for Tværkulturelle og Regionale Studier  
Københavns Universitet  
København S, Danmark  
1 nov. 2023 → nu

#### **Postdoc**

Institut for Tværkulturelle og Regionale Studier  
Københavns Universitet  
København S, Danmark  
15 mar. 2020 → 31 okt. 2023

## **Publikationer**

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

Yeomans, Lisa & Mazzucato, Camilla, 2024, (Afsendt) I: *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, (Accepteret/In press) I: *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, (E-pub ahead of print) I: *Journal of Archaeological Method and Theory*.

### **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, I: *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, I: *Proceedings of the National Academy of Sciences of the United States of America*. 120, 4, 7 s., 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. (red.). London: BIA British Institute in Ankara, s. 147-175 (Çatalhöyük Research Project Series, Bind 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. (red.). BIA udg. London: BIA British Institute in Ankara, Bind 15. s. 177-196 20 s. (Çatalhöyük Research Project Series, Bind 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, I: *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, I: *World Archaeology*. 54, 4, s. 584-601 18 s.

### **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., Kılınc, G. M., Adams, D. & 37 flere, 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, I: *Current Biology*. 31, 11, s. 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. (red.). Istanbul: Koc University Press, s. 57-76 20 s.

### **Socio-Material Archaeological Networks at Çatalhöyük a Community Detection Approach**

Mazzucato, Camilla, 2019, I: *Frontiers in Digital Humanities*. 6, May, s. 1 25 s.

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

Lukas, D., Engel, C. & Mazzucato, Camilla, 31 okt. 2018, I: *Journal of Field Archaeology*. 43, sup1, s. 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, I: *Internet Archaeology*. 47

### **Near Urban Living: Çatalhöyük and the Late Neolithic Megasites**

Mazzucato, Camilla, 2016, I: *Norwegian Archaeological Review*. 49, 1, s. 65 69 s.

### **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, I: *Antiquity*. 89, 344, s. 433-448 16 s.

### **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, I: *Antiquity*. 89, 344, s. 433-448 16 s.

### **'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. (red.). Routledge udg. London, s. 127-149 23 s.

### **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. (red.). Cotsen Institute of Archaeology Press udg. London and Los Angeles: British Institute at Ankara and Cotsen Institute of Archaeology Press, Bind 10. s. 123-147 25 s.

### **Mapping and Sampling Catalhoyuk**

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

### **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. (red.). Cambridge: cambridge university press (cup), Bind 9781107047. s. 134-156 23 s.

