



Open Science Practices in Environmental Archaeology

AEA Spring conference 2021

Saturday 24th April 2021

Register at [this link](#)

All times are in BST (UTC+01:00)

Preliminary Programme

9:20 Welcome and Introduction

9:30 Canan Çakirlar (University of Groningen)

Lessons Learned and Lessons Taught in Open Zooarchaeology

9:50 Daniel Stansbie (Oxford Archaeology)

Open Access, Open Data, and Open Standards: Sharing Environmental Archaeological Data Generated through Developer Funded Excavation

10:10 Anne de Vareilles (Historic England), Ruth Pelling (Historic England), Jessie Woodbridge (University of Plymouth), Ralph Fyfe (University of Plymouth) and David Smith (Birmingham University)

Pros and Cons of Open Access Archaeobotanical Data: the Uses of ArboDat

10:30 Felix Bittmann (Lower Saxony Institute for Historical Coastal Research), Wiebke Kirleis* (Christian-Albrechts-Universität zu Kiel) and Anna Maria Mercuri (University of Modena and Reggio Emilia)

Archaeobotany Networks and Data Sharing

10:50 Jessie Woodbridge (University of Plymouth), Anne De Vareilles (Historic England), Ralph Fyfe (University of Plymouth), Ruth Pelling (Historic England) and David Smith (Birmingham University)

The Role of 'Open Data' in Investigating Long-term Human Land-Use Impacts on Land-Cover and Biodiversity

11:10 Break

11:30 Philip Buckland (Environmental Archaeology Lab, Umeå University)

The Strategic Environmental Archaeology Database (SEAD)

11:50 David Osborne (University of Nottingham)

Using the Arches platform for Heritage and Environmental Archaeology Data

12:10 Benjamin Irvine (British Institute at Ankara) and G. Biké Yazicioglu-Santamaria (Simon Fraser University)

Comparative Perspectives and Current Trends in Multi-Isotopic Analyses: Towards an Integrated Bioarchaeological Isotope Database Website for the Greater Near East

12:30 Ricardo Fernandes (Max Planck Institute for the Science of Human History), Barbara Zach* (Max Planck Institute for the Science of Human History) and Robert N. Spengler III (Max Planck Institute for the Science of Human History)

Pandora and IsoMemo: Partnership-based Models for Big Historical Data

12:50 Sam Leggett (University of Cambridge)

Open and FAIR Data in Stable Isotope Analysis – Some Reflections

13:10 Discussion

Lunch Break

14:00 Joe Roe (University of Copenhagen)

Out with the New, in with the Old: Recent Advances in Palaeoecological Modelling with Open Data

14:20 Kate Swinson (UCL)

Unlocking the Potential of Meta-analysis for Zooarchaeology

14:40 James Morris (University of Central Lancashire)

We Need to Talk about Time

15:00 Jesse Wolfhagen (Max Planck Institute for the Science of Human History)

Biometric Mixture Modeling to Estimate Age and Sex Composition of Faunal Assemblages

15:20 Gayoung Park (University of Washington)

Climate Models and Summed Probability Distributions: Using open data and reproducible methods for understanding environmental and demographic contexts of the technological transition during the Late Pleistocene in Korea

15:40 Break

16:00 Emma Karoune (The Alan Turing Institute, London)

Striving for Reproducibility in Environmental Archaeology

16:20 Paul Flintoft (University of Reading)

The 'Openness' of Archaeological Palaeoenvironmental Archives

16:40 Matt Law (Bath Spa University), Victoria Herridge (Natural History Museum), Hanneke Meijer (University of Bergen) and Suzanne Pilaar Birch (University of Georgia)

Reflections on Five Years of Open Quaternary

17:00 Elena Marinova (Baden-Württemberg State Office for Cultural Heritage), Angela Kreuz (Hesse State Office for Cultural Heritage) and Jeroen Poblome (University of Leuven)

Open access in Environmental Archaeology – act locally and think globally

17:20 Discussion

For more information see:

<https://associationforenvironmentalarc.godaddysites.com/news/f/open-science-practices-in-environmental-archaeology-update>

Conference Organisers:

Lisa Lodwick
Tom Maltas
Tina Roushannafas
Rubi Wu