



## **Open Science Practices in Environmental Archaeology**

AEA Spring conference 2021

Saturday 24<sup>th</sup> April 2021

Register at [this link](#)

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

### 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

14:20 Joe Roe (University of Copenhagen)

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

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://envarch.net/f/open-science-practices-in-environmental-archaeology-1>

Conference Organisers:

Lisa Lodwick  
Tom Maltas  
Tina Roushannafas  
Rubi Wu