



Open Science Practices in Environmental Archaeology

AEA Spring Conference 2020

Saturday 28th March, All Souls College, University of Oxford

Preliminary Programme

9:00 Coffee and Registration

9:20 Welcome and Introduction

9:25 Canan Çakırlar

Lessons Learned and Lessons Taught in Open Zooarchaeology

9:45 Daniel Stansbie

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

10:05 Anne de Vareilles, Ruth Pelling, Jessie Woodbridge, Ralph Fyfe and David Smith

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

10:25 Felix Bittmann, Wiebke Kirleis and Anna Maria Mercuri

Archaeobotany Networks and Data Sharing

10:45 Jessie Woodbridge, Anne De Vareilles, Ralph Fyfe, Ruth Pelling and David Smith

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

11:05 Coffee

11:25 Philip Buckland

The Strategic Environmental Archaeology Database (SEAD)

11:45 David Osborne

Using the Arches platform for Heritage and Environmental Archaeology Data

12:05 Benjamin Irvine and G. Biké Yazicioglu-Santamaria

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

12:25 Ricardo Fernandes, Barbara Zach*, Robert N. Spengler III

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

12:45 Sam Leggett

Open and FAIR Data in Stable Isotope Analysis – Some Reflections

13:05 Discussion

13:20 Lunch

14:00 Joe Ro

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

14:20 Kate Swinson

Unlocking the Potential of Meta-analysis for Zooarchaeology

14:40 James Morris

We Need to Talk about Time

15:00 Jesse Wolfhagen

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

15:20 Coffee

15:40 Michael Wallace

Archaeology as Science: Reproducible Methods in Archaeology

16:00 Emma Karoune

Striving for Reproducibility in Environmental Archaeology

16:20 Paul Flintoft

The 'Openness' of Archaeological Palaeoenvironmental Archives

16:40 Matt Law, Victoria Herridge, Hanneke Meijer, and Suzanne Pilaar Birch

Reflections on Five Years of Open Quaternary

17:00 Eleanor Green

Viking Dinners

17:20 Discussion

17:45 Drinks

19:00 Dinner (not included in registration)

For more information see <http://envarch.net/events/aea-spring-meeting-2020-open-science-practices-in-environmental-archaeology/>

Conference Organisers:

Lisa Lodwick, Tom Maltas, Tina Roushannafas and Rubi Wu