

The 44th Conference of the Association for Environmental Archaeology: Past Environments for Emerging Worlds

Thursday 12th December

10:00 Registration opens

12:30 Welcome

Session 1. Data

Chairs: Elizabeth Stroud, Rebecca Nicholson

12:50 Michelle Farrell, Mette Løvschal

Establishment, expansion and persistence of the north-west European heathlands: implications for present-day conservation management

13:05 Phil Stastney, Rachel Ballantyne, Matt Brudenell, Josh Harry

Fenscapes: data-driven visualisations of (re-)emergent landscapes and ecologies in the Fens

13:20 Tina Roushannafas

*Where *are* the wild things? Situating humans in nature in Later Prehistoric Britain*

13:35 Emma Karoune

Community Building for Increasing Open Data Skills in Environmental Archaeology

13:50 Mark McKerracher

Black Mirror? Reflections in the Palaeoenvironmental Metaverse(s)

13:55 Michael Wallace

Frontiers of environmental archaeology data: a love story

14:00 Marcin Sokołowski

The Three Sisters as an Example of a Potential "New" Paradigm for Cereal Cultivation

14:05 Discussion

14:20 Coffee

Session 2. Soil

Chairs: Tom Maltas, Jade Whitlam

14:55 Qing Wang, Xiaoyan Yang, Yu Gao, Shargan Wangdue, Jingkun Ran, Songtao Chen, Jishuai Yang, Zhengquan Gu, Ying Zhang, Shungang Chen, Yan Tong, Nihanxue Jia, Qingli Sun, Yunzhe Huang, Linda Perry, Jade d'Alpoim Guedes, Xu Han, Feng Liu, Qi Yang, Yunming Wang, Shihua Hu, Yaofei Tian, Jianglong Guo, Xinwei Liang, Ting You, Yazhong Li, Yunan Zhan, Zhenhua Deng, Ling Qin, Yijie Zhuang, Fahu Chen

Lake-centered sedentary lifestyle of early plateau indigenous populations at extremely high elevation 4400 years ago

15:10 David Kay, Eduardo Machicado

The Land Below: Are we making the most of the UK's buried soils?

15:25 Meike van Lit

Long-term impacts of human activity on compaction, acidity and organic content

15:40 Zhen Qin

Rethinking the Anthropocene: insights from archaeological research in Central Plains of China

15:55 Kathryn Przywolnik

Cultural landscape and natural culturoscape: arid area environmental archaeology

16:10 Discussion

16:25 Break

16:40 Keynote:

Chris Baines "What does the world want from environmental archaeology?"

18:00 Wine Reception – Pitt Rivers Museum

Friday 13th December

Session 3. Sustainability and biodiversity

Chairs: Doris Vidas, Charlotte Diffey

9:00 Daniel Fuks

Can archaeobotany promote present-day agricultural biodiversity?

9:15 Charlie Davies, Joy Singarayer, Oliver Wilson, Rafael Corteletti, José Iriarte, Francis Mayle

Impacts of Holocene land use and climate change upon Brazil's iconic Araucaria Forests

9:30 Katie Campbell, Maia Chichinadze, Serik Akyzbek, Ali Alimbekuly, Shynaz Almazuly, Davit Naskidashvili, Karl Smith

Environmental Management at the 'Silk Road' City of Otrar, Kazakhstan

9:45 Rosie Bishop, Kenny Brophy, Ingrid Mainland, Astrid Nyland et al.

Climate, crops and crisis?: examining agricultural adaptation and resilience to climate change in prehistory

10:00 Jishuai Yang, Xiaoyan Yang

Intensive millet-livestock systems supported the development of complex societies in prehistoric North China

10:15 Discussion

10:30 Coffee

Session 4. Wildlife

Chairs: Rebecca Nicholson, Müge Ergun

11:00 Jack Sudds

Deer and Deer Alike: The Story of Britain's Iconic Species

11:15 Hannah Britton

Modern Proto-Domestic Phenomena: Analysing the Possible Domestication of British Falconry Birds Through an Archaeological Framework

11:30 Samuel Walker, Hanneke Meijer, Ellen Hambleton

People & Puffins: Investigating how environmental change and exploitation by past communities has impacted current auk populations

11:45 Carly Ameen

Recalling the Wild: Perspectives on medieval animal management and feralisation

12:00 Rebecca Rickard, Phillippa Gillingham, Richard Stillman, Chris Stevens, John Stewart
The Palaeoecological Links between Climate Change, Vegetation change and British Farmland Birds in the Archaeological Record

12:15 Discussion

12:30 Lunch and AEA AGM

Chairs: Alice Dobinson, Shyama Vermeersch

13:45 Amy Holguin, Rachel Ballantyne, Mike Charles, Müge Ergun, Eugenia Gkatzogia, Amy Bogaard
'Rewilding the Neolithic of south-eastern Europe': on wild plant foods

14:00 Jacqui Mulville, Julia Cussans, Ingrid Mainland, Ash Noble, David Stanton
Wild things: Red deer on the Scottish Isles

14:15 Jessica Peto, Lachie Scarsbrook, Naomi Sykes, Greger Larson, Carly Ameen, Richard Madgwick, Alistair Barclay, Angela Lamb, Andrew Kitchener, Ben Donnelly-Symes
The Zooarchaeological History of Wolves in the British Isles: From the Iron Age (750 BCE) to the Late Modern Period (1900 CE)

14:30 Emma Katrin Onshuus, Samuel J. Walker, Lea Frank, Trond Løvdøen, Sanne Boessenkool
Tracking Holocene ecosystem dynamics from a paleo-archive preserved in a cave in high latitudinal Fennoscandia.

Session 5. Farming

14:35 Ophélie Lebrasseur, Jaime Gongora, Laurent Frantz, Pablo M. Fernández, Greger Larson, Ludovic Orlando
Why did the chicken cross the oceans? A zooarchaeological and palaeogenomics approach to Neotropical American chickens

14:40 Evi Margaritis, Kyriaki Tsirtsis
Neopalatial Mochlos: A Study of Domestic and Ritual Interactions

14:45 Julia E M Cussans, Ingrid Mainland, Nick Card, Anne Mitchell, Mark Edmonds
Counting Cattle at the Ness of Brodgar, Orkney: Animal bone assessment update

14:50 Hannah Caroe
People, Look East!: Archaeobotanical evidence for transmission of farming eastwards from the Fertile Crescent in to Asia

14:55 Discussion

15:10 Coffee

Chairs: Charlotte Diffey, Tom Maltas

15:40 Sesilia Niehaus
Fossil insects, Neolithic agriculture and environmental change: new evidence from Lin, Albania

15:55 Catherine Longford, Ruth Pelling, Michael Wallace, Emily Forster
Beyond the Silos: Characterising agricultural mosaics across prehistoric England

16:10 Imran Shabir
Neolithic Agricultural Practices and Cultural Insights from Mehrgarh, Balochistan

16:25 Alice Williams, Shadreck Chirikure, Amy Bogaard, Mike Charles
Farming beyond the walls: exploring archaeobotanical remains from Iron Age Great Zimbabwe

16:30 Kyriaki Tsirtsis, Simos Gkinoudis, Evi Margaritis

Harvesting the Periphery: Food and Agriculture in Bronze Age Koumasa

16:35 Sopio Paataashvili, Nelson Almeida, Cristina Barrocas Dias, Anne-France Maurer, Antonio Valera, Vanessa Navarrete

Analyzing Pig Management and Diets in Late Neolithic-Chalcolithic period through Isotopic Analysis at Porto Torrão, Portugal

16:40 Discussion

16:55 Break

17:10 Keynote:

Meriel McClatchie: "What does environmental Archaeology want from the world?"

19:00 Conference Dinner – Continuing Education

Saturday 14th December

9:00 Panel Discussion:

Sophie Yeo

Ralph Fyfe

Sean Doherty

Martin Lines

10:15 Coffee

Session 6. Landscapes

Chairs: Jade Whitlam, Elizabeth Stroud

10:45 Elisa Paperini, Claudia Sciuto, Gabriele Gattiglia

Ancient pollen, modern algorithms: reconstructing palaeoenvironments in evolving landscapes

11:00 Nicki Whitehouse, Adrian Bass, Jane M. Bunting, Henry Chapman

Using archaeological and palaeoecological data to inform land-use change

11:15 Valentina Pescini, Lorenzo Braga, Roberta Cevasco, Natalia Égüez, Assunta Florenzano, Ilde Menozzi Bruna, Anna Maria Mercuri, Diego Moreno, Eleonora Rattighieri, Ivano Rellini, Vittorio Tigrino

Pastureland of Mount Mongioie: the contribution of environmental archaeology between research and application

11:30 Jonathan Fowler

Remodelling Arcadia: Quantifying French Colonial Agricultural Landscapes in Atlantic Canada

11:45 Claudia Sciuto, Radoslaw Grabowski, Francesca Anichini, Salvatore Basile, Gabriele Gattiglia

Exploring Charcoal Landscapes in the Apuan Alps, Tuscany, Italy

12:00 Ernst Johnson, Carl Regnéll and Anna Linderholm

Using sedimentary ancient DNA to reveal postglacial recolonization patterns in northern Sweden

12:05 Ekaterina Ershova, Pille Tomson, Elena Ponomarenko

Traces of fossorial bees in the soil as an indicator of land use history

12:10 Discussion

12:25 Lunch

Session 7. Perspectives beyond archaeology

Chairs: Shyama Vermeersch and Andrés Teira Brión

13:50 Nafsika C. Andriopoulou, Kleanthis Simyrdanis, Maria Kypriotaki, Nikos Papadopoulos
Enhancing Archaeological Science Communication: A Comic for Engaging Children with Coastal and Submerged Landscapes

13:55 Dylan Gaffney, Agustin Capriati, Ben Utting, Annette Oertle, Daud Tanudirjo, Marlin Tolla, Abdul Razak Macap, Anna Florin, Christoph Parsch, Marlina Flassy, Enrico Yori, Sofwan Noerwidi
The deep human histories and possible futures of ecological management in tropical forests

14:10 Philip Barratt, Hannah O'Regan, Kristina Krawiec
The nature of environmental archaeology: promoting the past in nature-based projects

14:25 Anwen Cooper
Prehistoric understandings of wildlife and their relevance for current nature recovery

14:40 Discussion

14:55 Coffee

15:25 Valasia Isaakidou, Paul Halstead
Beavers, bears and biodiversity: bioarchaeology, ethnography and community engagement at Lake Orestiada, NW Greece

15:40 Kerstin Kowarik, Valentina Laaha, Hans Reschreiter, Kerstin Hofmann
From Bronze Age pastures to present challenges

15:55 Denisa-Stefania Luca
Exploring Agricultural Heritage Landscapes in the Balkans: Insights from the Danube Delta and the Valley of Roses

16:10 David Jennings
The Living River Project: Attenborough Great Park, Nottinghamshire

16:25 Discussion

16:40 Concluding remarks

17:00 Close