Prehistoric lakeshore settlements in South-East Europe: archaeological, palaeoecological and bioarchaeological investigations within the EXPLO project.

Mid-term Conference

5-6 July 2022, Research Dissemination Center (KEDEA), Aristotle University of Thessaloniki, Greece

PROGRAMME

Organization: Aristotle University of Thessaloniki
School of History and Archaeology
Laboratory for Interdisciplinary Research in Archaeology (LIRA)
Funding: The EXPLO project has received funding from the European Research Council (ERC) under the European Union’s Horizon 2020 research and innovation programme (grant agreement No. 810586)
Archaeological Fieldwork at Lake Ohrid

Johannes Reich

Institute of Archaeological Sciences, University of Bern, Bern, Switzerland

The presentation gives an overview of the fieldwork carried out since 2019 under the direction of the Institute of Archaeological Sciences of the University of Bern. This involved underwater archaeological excavations and core drillings, with which new archaeological finds as well as numerous samples for dendrochronological and archaeobotanical analysis could be obtained. The absolute dates so far, both from the construction timbers and the archaeological layers, together with the recorded stratigraphies, allow a preliminary presentation of absolutely dated ceramic find complexes from Ploča, Mićov Grad (North Macedonia) and Lin 3 (Albania).
WELCOMING ADDRESS

Chair: Prof. Em. Kostas Kotsakis
School of History and Archaeology, Aristotle University of Thessaloniki, Thessaloniki, Greece

09:30-09:50 Prof. Konstantinos Bikos, Dean of the Faculty of Philosophy
Aristotle University of Thessaloniki, Thessaloniki, Greece
Prof. Eleni Manakidou, Chair of the School of History and Archaeology
Aristotle University of Thessaloniki, Thessaloniki, Greece

Opening of the Conference: Prof. Eleni Manakidou

SESSION 1. THE EXPLO PROJECT: OVERVIEWS

Chair: Prof. Em. Stelios Andreou
School of History and Archaeology, Aristotle University of Thessaloniki, Thessaloniki, Greece

09:50-10:00 Overview of the University of Bern archaeological project
Albert HAFNER1,2
1Institute of Archaeological Sciences, University of Bern, Bern, Switzerland
2Oeschger Centre for Climate Change Research, University of Bern, Bern, Switzerland

10:00-10:10 Overview of the University of Bern palaeoecological project
Willy TINNER1,2
1Institute of Plant Sciences, University of Bern, Bern, Switzerland
2Oeschger Centre for Climate Change Research, University of Bern, Bern, Switzerland

10:10-10:20 Overview of the University of Oxford project
Amy BOGAARD1
1School of Archaeology, University of Oxford, Oxford, United Kingdom

10:20-10:30 Overview of the Aristotle University of Thessaloniki project
Kostas KOTSAKIS1
1School of History and Archaeology, Aristotle University of Thessaloniki, Thessaloniki, Greece

10:30-11:00 Coffee break

SESSION 2. DENDROCHRONOLOGY: METHODS AND RESULTS

Chair: Assistant Prof. Maria Ntinou
School of History and Archaeology, Aristotle University of Thessaloniki, Thessaloniki, Greece

11:00-11:30 Dendrochronology: Turning Prehistory into History? An outline of the methodological basics of building and dating tree-ring chronologies from wood sampled from wetland sites
John FRANCUZ1
1Institute of Archaeological Sciences, University of Bern, Bern, Switzerland
Prehistoric dendrochronology in the southern Balkans: state-of-the-art and prospects
Andrej MACZKOWSKI\textsuperscript{1,2}
\textsuperscript{1}Institute of Archaeological Sciences, University of Bern, Bern, Switzerland
\textsuperscript{2}Oeschger Centre for Climate Change Research, University of Bern, Bern, Switzerland

The dendroarchaeology of the prehistoric waterlogged site Ploča - Mičov Grad, Lake Ohrid, North Macedonia
Matthias BOLLIGER\textsuperscript{1,2}
\textsuperscript{1}Institute of Archaeological Sciences, University of Bern, Bern, Switzerland
\textsuperscript{2}Oeschger Centre for Climate Change Research, University of Bern, Bern, Switzerland

\textbf{SESSION 3. MATERIAL CULTURE}

\textbf{Chair: Dr. Maria Pappa}
Ephorate of Antiquities of Thessaloniki Region, Hellenic Ministry of Culture and Sports, Thessaloniki, Greece

\textbf{14:00-14:30} Phases and architecture of Dispilio: results and challenges
Tryfon GIAKGOULIS\textsuperscript{1}, Filippos STEFANOU\textsuperscript{1} and Kostas KOTSAKIS\textsuperscript{1}
\textsuperscript{1}School of History and Archaeology, Aristotle University of Thessaloniki, Thessaloniki, Greece

\textbf{14:30-15:00} Site stratigraphy and key stratigraphic markers at the Neolithic wetland settlement of Dispilio. Our progress to date within the project of EXPLO
Stella KYRILLIDOU\textsuperscript{1}, Ioanna SIAMIDOU\textsuperscript{1,2}, Ioannis OIKONOMOU\textsuperscript{3}, Rena VEROPOULIDOU\textsuperscript{1,4} and Kostas KOTSAKIS\textsuperscript{1}
\textsuperscript{1}School of History and Archaeology, Aristotle University of Thessaloniki, Thessaloniki, Greece
\textsuperscript{2}Department of Prehistory, Protohistory and Near Eastern Archaeology, Heidelberg University, Heidelberg, Germany
\textsuperscript{3}Institute of Archaeology, Hebrew University of Jerusalem, Jerusalem, Israel
\textsuperscript{4}Museum of Byzantine Culture, Hellenic Ministry of Culture and Sports, Thessaloniki, Greece

\textbf{15:00-15:30} Reassembling continuity and change in Neolithic Dispilio
Evangelia VOULGARI\textsuperscript{1,2}, Marina SOFRONIDOU\textsuperscript{1,2}, Niki SARIDAKI\textsuperscript{1,2}, Ioanna SIAMIDOU\textsuperscript{1,3}, Eleni TSIOLA\textsuperscript{1,4}, Nikos KATSIKARIDIS\textsuperscript{2} and Kostas KOTSAKIS\textsuperscript{1}
\textsuperscript{1}School of History and Archaeology, Aristotle University of Thessaloniki, Thessaloniki, Greece
\textsuperscript{2}Ephorate of Antiquities of Drama, Hellenic Ministry of Culture and Sports, Drama, Greece
\textsuperscript{3}Department of Prehistory, Protohistory and Near Eastern Archaeology, Heidelberg University, Heidelberg, Germany
\textsuperscript{4}School of History and Archaeology, University of Ioannina, Ioannina, Greece
15:30-16:00  Dispilio pottery in its regional context: affinities and potential contacts
Marina SOFRONIDOU1, Evangelia VOULGARI2, Anastasia DIMOULA2, 
Niki SARIDAKI2, Kostas KOTSAKIS3
1Ephorate of Antiquities of Drama, Hellenic Ministry of Culture and Sports, Drama, 
Greece
2School of History and Archaeology, Aristotle University of Thessaloniki, Thessaloniki, 
Greece

16:00-16:30  Coffee break

Chair: Prof. Em. Nikos Efstratiou
School of History and Archaeology, Aristotle University of Thessaloniki, Thessaloniki, Greece

16:30-17:00  The stone and bone industries from Neolithic Dispilio: preliminary 
typological and technological observations
Tasos BEKIARIS1, Angeliki KITA1, Eleni KOUTSOPOULOU1,2, Bogdana 
MILIĆ3 and Georgia STRATOULI4
1School of History and Archaeology, Aristotle University of Thessaloniki, Thessaloniki, 
Greece
2Institute of Archaeological Sciences, University of Bern, Bern, Switzerland
3Mila y Fontanals Institute on Humanities research, Spanish National Research Council, 
Barcelona, Spain
4Ephorate of Antiquities of Kilkis, Hellenic Ministry of Culture and Sports, Kilkis, Greece

17:00-17:30  Archaeological Fieldwork at Lake Ohrid
Johannes REICH1
1Institute of Archaeological Sciences, University of Bern, Bern, Switzerland

17:30-18:00  Farmers of the Bronze Age – Exploring land use dynamics and 
agricultural practices using legacy data and land-use modelling
Marco HOSTETTLER1
1Institute of Archaeological Sciences, University of Bern, Bern, Switzerland

18:00  Reception

Wednesday, 6 July 2022

SESSION 4. PALAEOECOLOGY AND BIOARCHAEOLOGY

Chair: Dr. Rena Veropoulidou
Museum of Byzantine Culture, Hellenic Ministry of Culture and Sports, Thessaloniki, Greece
School of History and Archaeology, Aristotle University of Thessaloniki, Thessaloniki, Greece

09:00-09:30  Reconstructing Holocene climate dynamics in Northern Greece using 
biomarker proxies in lake sediments
Antoine THÉVENAZ1,2, César MORALES-MOLINO1,2, Erika GOBET1,2, 
Céline MARTIN3, Cindy DE JONGE4, Oliver RACH5, Dirk SACHSE5 and 
Willy TINNER1,2
1Institute of Plant Sciences, University of Bern, Bern, Switzerland
2Oeschger Centre for Climate Change Research, University of Bern, Bern, Switzerland
3Surface Waters Research & Management, Eawag, Dübendorf, Switzerland
4Swiss Federal Institute for Technology, Zurich, Switzerland
5German Research Centre for Geosciences, Potsdam, Germany
9:30-10:00  
From sea to summit: the impact of climate and land-use change on vegetation at different altitudes and along two Neolithisation routes  
Kathrin GANZ\textsuperscript{1,2}, César MORALES-MOLINO\textsuperscript{1,2}, Erika GOBET\textsuperscript{1,2}, Luc HÄCHLER\textsuperscript{2,3}, Dmytro KIOSAK\textsuperscript{4}, Nadezhda KOTOVA\textsuperscript{5}, Jacqueline VAN LEEUWEN\textsuperscript{1,2}, Sergey MAKHORTYKH\textsuperscript{6}, Sarah OGI\textsuperscript{1,2}, Emmanuel SCHAAD\textsuperscript{1,2}, Christoph SCHWÖRER\textsuperscript{1,2}, Paul ZANDER\textsuperscript{2,3}, Martin GROSJEAN\textsuperscript{2,3} and Willy TINNER\textsuperscript{1,2}  
\textsuperscript{1}Institute of Plant Sciences, University of Bern, Bern, Switzerland  
\textsuperscript{2}Oeschger Centre for Climate Change Research, University of Bern, Bern, Switzerland  
\textsuperscript{3}Institute of Geography, University of Bern, Bern, Switzerland  
\textsuperscript{4}Department of Asian and North African Studies, Ca’ Foscari University of Venice, Venice, Italy  
\textsuperscript{5}Department of Archaeology of Eneolithic and Bronze Age, Institute of Archaeology, National Academy of Sciences of Ukraine, Kyiv, Ukraine  
\textsuperscript{6}Department of Early Iron Age Archaeology, Institute of Archaeology, National Academy of Sciences of Ukraine, Kyiv, Ukraine  

10:00-10:30  
Insights into the impacts of climate and land use on the vegetation of the Four Lakes region in Northern Greece  
Lieveke VAN VUGT\textsuperscript{1,2}, César MORALES-MOLINO\textsuperscript{1,2}, Erika GOBET\textsuperscript{1,2}, Martin GROSJEAN\textsuperscript{2,3}, Antonietta KNETGE\textsuperscript{1}, Jaqueline F.N. VAN LEEUWEN\textsuperscript{1,2}, André F. LOTTER\textsuperscript{1,2}, Hendrik VOGEL\textsuperscript{2,4}, Albert HAFNER\textsuperscript{2,5} and Willy TINNER\textsuperscript{1,2}  
\textsuperscript{1}Institute of Plant Sciences, University of Bern, Bern, Switzerland  
\textsuperscript{2}Oeschger Centre for Climate Change Research, University of Bern, Bern, Switzerland  
\textsuperscript{3}Institute of Geography, University of Bern, Bern, Switzerland  
\textsuperscript{4}Institute of Geological Sciences, University of Bern, Bern, Switzerland  
\textsuperscript{5}Institute of Archaeological Sciences, University of Bern, Bern, Switzerland  

10:30-11:00  
Coffee break  

Chair: Associate Prof. Sevi Triantafyllou  
School of History and Archaeology, Aristotle University of Thessaloniki, Thessaloniki, Greece  

11:00-11:30  
First results on 50,000 years of vegetation history at Limni Orestiás  
Kastorias  
Lieveke VAN VUGT\textsuperscript{1,2}, Erika GOBET\textsuperscript{1,2}, Kathrin GANZ\textsuperscript{1,2}, Gian-Luca GRÜNENFELDER\textsuperscript{1}, Hendrik VOGEL\textsuperscript{2,3} and Willy TINNER\textsuperscript{1,2}  
\textsuperscript{1}Institute of Plant Sciences, University of Bern, Bern, Switzerland  
\textsuperscript{2}Oeschger Centre for Climate Change Research, University of Bern, Bern, Switzerland  
\textsuperscript{3}Institute of Geography, University of Bern, Bern, Switzerland  

11:30-12:00  
The zooarchaeology of Dispilio, Lake Orestias, Kastorias  
Valasia ISAAKIDOU\textsuperscript{1}, Rena VERPOULIDOU\textsuperscript{1,2}, Roula CHRONAKI\textsuperscript{3} and Dafni ANDROULAKI\textsuperscript{3}  
\textsuperscript{1}School of Archaeology, University of Oxford, Oxford, United Kingdom  
\textsuperscript{2}Museum of Byzantine Culture, Hellenic Ministry of Culture and Sports, Thessaloniki, Greece  
\textsuperscript{3}School of History and Archaeology, Aristotle University of Thessaloniki, Thessaloniki, Greece  

12:00-12:30  
The archaeobotany of Dispilio, Lake Orestias, Kastorias  
Müge ERGUN\textsuperscript{1}, Evgenia GKATZOGIA\textsuperscript{2} and Maria NTINOU\textsuperscript{2}  
\textsuperscript{1}School of Archaeology, University of Oxford, Oxford, United Kingdom  
\textsuperscript{2}School of History and Archaeology, Aristotle University of Thessaloniki, Thessaloniki, Greece  

12:30-14:00  
Lunch break
Chair: Prof. Tania Valamoti  
School of History and Archaeology, Aristotle University of Thessaloniki, Thessaloniki, Greece

14:00-14:30 Vegetation dynamics and land-use change at the Neolithic lakeshore settlement site of Ploča Mičov Grad, Lake Ohrid  
Erika GOBET1,2, Sarah BRECHBÜHL1, Lieveke VAN VUGT1,2, César MORALES-MOLINO1,2, Joseph VOLERY1, André F. LOTTER1,2, Ariane BALLMER1,3, Sandra O. BRUGGER1,2, Albert HAFNER2,3 and Willy TINNER1,2  
1Institute of Plant Sciences, University of Bern, Bern, Switzerland  
2Oeschger Centre for Climate Change Research, University of Bern, Bern, Switzerland  
3Institute of Archaeological Sciences, University of Bern, Bern, Switzerland

14:30-15:00 The archaeobotany of Progradec, Lin 3, Lake Ohrid  
Rachel BALLANTYNE1  
1School of Archaeology, University of Oxford, Oxford, United Kingdom

15:00-15:30 The archaeobotany of Ploča Mičov Grad, Lake Ohrid  
Amy HOLGUIN1  
1School of Archaeology, University of Oxford, Oxford, United Kingdom

15:30-16:00 Discussion

Please note:  
The 30 minutes slots include 20 minutes for the presentations and 10 minutes for questions.

Poster design: Tasos Bekiaris

Workshop’s Venue: 

Research Dissemination Center (KEDEA)  
Tritis Septemvriou Str. - University Campus  
546 36 THESSALONIKI – GREECE

The KEDEA building is connected with the following bus lines:  
2,7,14,58 (Bus Stop: University of Macedonia)  
17,24,37 (Bus Stop: Fititiki Leschi)  
10,31 (Bus Stop: Agia Foteini-University of Macedonia)  
27,28,83 (Bus Stop: Terma Grammis)

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