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)
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
11:30-12:00 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

12:00-12:30 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

12:30-14:00 Lunch break

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**SESSION 3. MATERIAL CULTURE**

**Chair: Dr. Maria Pappa**
Ephorate of Antiquities of Thessaloniki Region, Hellenic Ministry of Culture and Sports, Thessaloniki, Greece

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

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

15:00-15:30 Reassembling continuity and change in Neolithic Dispilio
Evangelia VOULGARI\textsuperscript{1}, Marina SOFRONIDOU\textsuperscript{2}, Niki SARIDAKI\textsuperscript{1}, 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 MARTIN¹, Cindy DE JONGE¹, 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
09:30-10:00  From sea to summit: the impact of climate and land-use change on vegetation at different altitudes and along two Neolithisation routes
Kathrin GANZ1,2, César MORALES-MOLINO1,2, Erika GOBET1,2, Luc HÄCHLER2,3, Dmytro KIOSAK4, NadezhdA KOTOVA5, Jacqueline VAN LEEUWEN1,2, Sergey MAKHORTYKH6, Sarah OGI1,2, Emmanuel SCHAAD1,2, Christoph SCHWÖRER1,2, Paul ZANDER2,3, Martin GROSJEAN2,3 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 Geography, University of Bern, Bern, Switzerland
4Department of Asian and North African Studies, Ca’ Foscari University of Venice, Venice, Italy
5Department of Archaeology of Eneolithic and Bronze Age, Institute of Archaeology, National Academy of Sciences of Ukraine, Kyiv, Ukraine
6Department 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 VUGT1,2, César MORALES-MOLINO1,2, Erika GOBET1,2, Martin GROSJEAN2,3, Antonietta KNETGE1, Jaqueline F.N. VAN LEEUWEN1,2, André F. LOTTER1,2, Hendrik VOGEL2,4, Albert HAFNER2,5 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 Geography, University of Bern, Bern, Switzerland
4Institute of Geological Sciences, University of Bern, Bern, Switzerland
5Institute 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 VUGT1,2, Erika GOBET2,3, Kathrin GANZ2,2, Gian-Luca GRÜNEFELDER2, Hendrik VOGEL2,3 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 Geological Sciences, University of Bern, Bern, Switzerland

11:30-12:00  The zooarchaeology of Dispilio, Lake Orestias, Kastorias
Valasia ISAAKIDOU1, Rena VEROPPOULIDOU2,3, Roula CHRONAKI3 and Dafni ANDROULAKI3
1School of Archaeology, University of Oxford, Oxford, United Kingdom
2Museum of Byzantine Culture, Hellenic Ministry of Culture and Sports, Thessaloniki, Greece
3School of History and Archaeology, Aristotle University of Thessaloniki, Thessaloniki, Greece

12:00-12:30  The archaeobotany of Dispilio, Lake Orestias, Kastorias
Müge ERGUN1, Evgenia GKATZOGIA2 and Maria NTINOU2
1School of Archaeology, University of Oxford, Oxford, United Kingdom
2School 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 Mićov 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 Mićov 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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