



EXPLO
EXPLORING THE DYNAMICS AND CAUSES OF PREHISTORIC
LAND USE CHANGE IN THE CRADLE OF EUROPEAN FARMING



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)



Tuesday, 5 July 2022

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 HAFNER^{1,2}
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 TINNER^{1,2}
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^{1,2}
¹Institute of Archaeological Sciences, University of Bern, Bern, Switzerland
²Oeschger 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^{1,2}
¹Institute of Archaeological Sciences, University of Bern, Bern, Switzerland
²Oeschger Centre for Climate Change Research, University of Bern, Bern, Switzerland
- 12:30-14:00 *Lunch break*
-

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 GIAGKOULIS¹, Filippos STEFANOY¹ and Kostas KOTSAKIS¹
¹School 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 KYRILLIDOU¹, Ioanna SIAMIDOU^{1,2}, Ioannis OIKONOMOU³, Rena VEROPOULIDOU^{1,4} and Kostas KOTSAKIS¹
¹School of History and Archaeology, Aristotle University of Thessaloniki, Thessaloniki, Greece
²Department of Prehistory, Protohistory and Near Eastern Archaeology, Heidelberg University, Heidelberg, Germany
³Institute of Archaeology, Hebrew University of Jerusalem, Jerusalem, Israel
⁴Museum of Byzantine Culture, Hellenic Ministry of Culture and Sports, Thessaloniki, Greece
- 15:00-15:30 Reassembling continuity and change in Neolithic Dispilio
Evangelia VOULGARI¹, Marina SOFRONIDOU², Niki SARIDAKI¹, Ioanna SIAMIDOU^{1,3}, Eleni TSIOLA^{1,4}, Nikos KATSIKARIDIS¹ and Kostas KOTSAKIS¹
¹School of History and Archaeology, Aristotle University of Thessaloniki, Thessaloniki, Greece
²Ephorate of Antiquities of Drama, Hellenic Ministry of Culture and Sports, Drama, Greece
³Department of Prehistory, Protohistory and Near Eastern Archaeology, Heidelberg University, Heidelberg, Germany
⁴School 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 KOTSAKIS²
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 KOUTSOPOULOU^{1,2}, 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 THÉVENAZ^{1,2}, César MORALES-MOLINO^{1,2}, Erika GOBET^{1,2},
Céline MARTIN³, Cindy DE JONGE⁴, Oliver RACH⁵, Dirk SACHSE⁵ and
Willy TINNER^{1,2}
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 GANZ^{1,2}, César MORALES-MOLINO^{1,2}, Erika GOBET^{1,2}, Luc HÄCHLER^{2,3}, Dmytro KIOSAK⁴, Nadezhda KOTOVA⁵, Jacqueline VAN LEEUWEN^{1,2}, Sergey MAKHORTYKH⁶, Sarah OGI^{1,2}, Emmanuel SCHAAD^{1,2}, Christoph SCHWÖRER^{1,2}, Paul ZANDER^{2,3}, Martin GROSJEAN^{2,3} and Willy TINNER^{1,2}
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 VUGT^{1,2}, César MORALES-MOLINO^{1,2}, Erika GOBET^{1,2}, Martin GROSJEAN^{2,3}, Antonietta KNETGE¹, Jaqueline F.N. VAN LEEUWEN^{1,2}, André F. LOTTER^{1,2}, Hendrik VOGEL^{2,4}, Albert HAFNER^{2,5} and Willy TINNER^{1,2}
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 Orestias Kastorias
Lieveke VAN VUGT^{1,2}, Erika GOBET^{1,2}, Kathrin GANZ^{1,2}, Gian-Luca GRÜNENFELDER¹, Hendrik VOGEL^{2,3} and Willy TINNER^{1,2}
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 VEROPOULIDOU^{2,3}, 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 NTINO²
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 Mičov Grad, Lake Ohrid
Erika GOBET^{1,2}, Sarah BRECHBÜHL¹, Lieveke VAN VUGT^{1,2}, César MORALES-MOLINO^{1,2}, Joseph VOLERY¹, André F. LOTTER^{1,2}, Ariane BALLMER^{2,3}, Sandra O. BRUGGER^{1,2}, Albert HAFNER^{2,3} and Willy TINNER^{1,2}
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)

<https://goo.gl/maps/tqa4pxokdyVjbA6c7>

