



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)

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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*
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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*
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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 Giagkoulis¹, Filippos Stefanou¹ 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 and 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 Kilikis, Hellenic Ministry of Culture and Sports, Kilikis, 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 Orestías 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, Paul Halstead², Rena Veropoulidou^{3,4}, Roula Chronaki⁴, Dafni Androulaki⁴ and Amy Bogaard¹
¹School of Archaeology, University of Oxford, Oxford, United Kingdom
²Department of Archaeology, University of Sheffield, Sheffield, United Kingdom
³Museum of Byzantine Culture, Hellenic Ministry of Culture and Sports, Thessaloniki, Greece
⁴School of History and Archaeology, Aristotle University of Thessaloniki, Thessaloniki, Greece
- 12:00-12:30 **The archaeobotany of Dispilio, Lake Orestias, Kastorias**
Müge Ergun¹, Eugenia Gkatzogia², Maria Ntinou², Mike Charles¹ and Amy Bogaard¹
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, Michael Charles¹ and Amy Bogaard¹
¹School of Archaeology, University of Oxford, Oxford, United Kingdom
- 15:00-15:30 **The archaeobotany of Ploča Mičov Grad, Lake Ohrid**
Amy Holguin¹, Michael Charles¹, Müge Ergun¹ and Amy Bogaard¹
¹School of Archaeology, University of Oxford, Oxford, United Kingdom
- 15:30-16:00 Discussion
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Please note:

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

Poster design: Tasos Bekiaris

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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>

