



# 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

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## 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**

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## 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<sup>1,2</sup>  
<sup>1</sup>Institute of Archaeological Sciences, University of Bern, Bern, Switzerland  
<sup>2</sup>Oeschger Centre for Climate Change Research, University of Bern, Bern, Switzerland
- 10:00-10:10      Overview of the University of Bern palaeoecological project  
Willy TINNER<sup>1,2</sup>  
<sup>1</sup>Institute of Plant Sciences, University of Bern, Bern, Switzerland  
<sup>2</sup>Oeschger Centre for Climate Change Research, University of Bern, Bern, Switzerland
- 10:10-10:20      Overview of the University of Oxford project  
Amy BOGAARD<sup>1</sup>  
<sup>1</sup>School of Archaeology, University of Oxford, Oxford, United Kingdom
- 10:20-10:30      Overview of the Aristotle University of Thessaloniki project  
Kostas KOTSAKIS<sup>1</sup>  
<sup>1</sup>School 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 FRANCUZ<sup>1</sup>  
<sup>1</sup>Institute of Archaeological Sciences, University of Bern, Bern, Switzerland

11:30-12:00	<p>Prehistoric dendrochronology in the southern Balkans: state-of-the-art and prospects</p> <p>Andrej MACZKOWSKI<sup>1,2</sup></p> <p><sup>1</sup>Institute of Archaeological Sciences, University of Bern, Bern, Switzerland</p> <p><sup>2</sup>Oeschger Centre for Climate Change Research, University of Bern, Bern, Switzerland</p>
12:00-12:30	<p>The dendroarchaeology of the prehistoric waterlogged site Ploča - Mičov Grad, Lake Ohrid, North Macedonia</p> <p>Matthias BOLLIGER<sup>1,2</sup></p> <p><sup>1</sup>Institute of Archaeological Sciences, University of Bern, Bern, Switzerland</p> <p><sup>2</sup>Oeschger Centre for Climate Change Research, University of Bern, Bern, Switzerland</p>
12:30-14:00	<i>Lunch break</i>

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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	<p>Phases and architecture of Dispilio: results and challenges</p> <p>Tryfon GIAGKOULIS<sup>1</sup>, Filippou STEFANO<sup>1</sup> and Kostas KOTSAKIS<sup>1</sup></p> <p><sup>1</sup>School of History and Archaeology, Aristotle University of Thessaloniki, Thessaloniki, Greece</p>
14:30-15:00	<p>Site stratigraphy and key stratigraphic markers at the Neolithic wetland settlement of Dispilio. Our progress to date within the project of EXPLO</p> <p>Stella KYRILLIDOU<sup>1</sup>, Ioanna SIAMIDOU<sup>1,2</sup>, Ioannis OIKONOMOU<sup>3</sup>, Rena VEROPOULIDOU<sup>1,4</sup> and Kostas KOTSAKIS<sup>1</sup></p> <p><sup>1</sup>School of History and Archaeology, Aristotle University of Thessaloniki, Thessaloniki, Greece</p> <p><sup>2</sup>Department of Prehistory, Protohistory and Near Eastern Archaeology, Heidelberg University, Heidelberg, Germany</p> <p><sup>3</sup>Institute of Archaeology, Hebrew University of Jerusalem, Jerusalem, Israel</p> <p><sup>4</sup>Museum of Byzantine Culture, Hellenic Ministry of Culture and Sports, Thessaloniki, Greece</p>
15:00-15:30	<p>Reassembling continuity and change in Neolithic Dispilio</p> <p>Evangelia VOULGAR<sup>1</sup>, Marina SOFRONIDOU<sup>2</sup>, Niki SARIDAKI<sup>1</sup>, Ioanna SIAMIDOU<sup>1,3</sup>, Eleni TSIOLA<sup>1,4</sup>, Nikos KATSIKARIDIS<sup>1</sup> and Kostas KOTSAKIS<sup>1</sup></p> <p><sup>1</sup>School of History and Archaeology, Aristotle University of Thessaloniki, Thessaloniki, Greece</p> <p><sup>2</sup>Ephorate of Antiquities of Drama, Hellenic Ministry of Culture and Sports, Drama, Greece</p> <p><sup>3</sup>Department of Prehistory, Protohistory and Near Eastern Archaeology, Heidelberg University, Heidelberg, Germany</p> <p><sup>4</sup>School of History and Archaeology, University of Ioannina, Ioannina, Greece</p>

15:30-16:00      Dispilio pottery in its regional context: affinities and potential contacts  
Marina SOFRONIDOU<sup>1</sup>, Evangelia VOULGARI<sup>2</sup>, Anastasia DIMOULA<sup>2</sup>,  
Niki SARIDAKI<sup>2</sup>, Kostas KOTSAKIS<sup>2</sup>

<sup>1</sup>Ephorate of Antiquities of Drama, Hellenic Ministry of Culture and Sports, Drama,  
Greece

<sup>2</sup>School 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 BEKIARIS<sup>1</sup>, Angeliki KITA<sup>1</sup>, Eleni KOUTSOPOULOU<sup>1,2</sup>, Bogdana  
MILIĆ<sup>3</sup> and Georgia STRATOULI<sup>4</sup>

<sup>1</sup>School of History and Archaeology, Aristotle University of Thessaloniki, Thessaloniki,  
Greece

<sup>2</sup>Institute of Archaeological Sciences, University of Bern, Bern, Switzerland

<sup>3</sup>Mila y Fontanals Institute on Humanities research, Spanish National Research Council,  
Barcelona, Spain

<sup>4</sup>Ephorate of Antiquities of Kilikis, Hellenic Ministry of Culture and Sports, Kilikis, Greece

17:00-17:30      Archaeological Fieldwork at Lake Ohrid  
Johannes REICH<sup>1</sup>

<sup>1</sup>Institute 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 HOSTETTLER<sup>1</sup>

<sup>1</sup>Institute of Archaeological Sciences, University of Bern, Bern, Switzerland

18:00              *Reception*

Wednesday, 6 July 2022

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#### **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<sup>1,2</sup>, César MORALES-MOLINO<sup>1,2</sup>, Erika GOBET<sup>1,2</sup>,  
Céline MARTIN<sup>3</sup>, Cindy DE JONGE<sup>4</sup>, Oliver RACH<sup>5</sup>, Dirk SACHSE<sup>5</sup> and  
Willy TINNER<sup>1,2</sup>

<sup>1</sup>Institute of Plant Sciences, University of Bern, Bern, Switzerland

<sup>2</sup>Oeschger Centre for Climate Change Research, University of Bern, Bern, Switzerland

<sup>3</sup>Surface Waters Research & Management, Eawag, Dübendorf, Switzerland

<sup>4</sup>Swiss Federal Institute for Technology, Zurich, Switzerland

<sup>5</sup>German 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<sup>1,2</sup>, César MORALES-MOLINO<sup>1,2</sup>, Erika GOBET<sup>1,2</sup>, Luc HÄCHLER<sup>2,3</sup>, Dmytro KIOSAK<sup>4</sup>, Nadezhda KOTOVA<sup>5</sup>, Jacqueline VAN LEEUWEN<sup>1,2</sup>, Sergey MAKHORTYKH<sup>6</sup>, Sarah OGI<sup>1,2</sup>, Emmanuel SCHAAD<sup>1,2</sup>, Christoph SCHWÖRER<sup>1,2</sup>, Paul ZANDER<sup>2,3</sup>, Martin GROSJEAN<sup>2,3</sup> and Willy TINNER<sup>1,2</sup>  
<sup>1</sup>Institute of Plant Sciences, University of Bern, Bern, Switzerland  
<sup>2</sup>Oeschger Centre for Climate Change Research, University of Bern, Bern, Switzerland  
<sup>3</sup>Institute of Geography, University of Bern, Bern, Switzerland  
<sup>4</sup>Department of Asian and North African Studies, Ca' Foscari University of Venice, Venice, Italy  
<sup>5</sup>Department of Archaeology of Eneolithic and Bronze Age, Institute of Archaeology, National Academy of Sciences of Ukraine, Kyiv, Ukraine  
<sup>6</sup>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<sup>1,2</sup>, César MORALES-MOLINO<sup>1,2</sup>, Erika GOBET<sup>1,2</sup>, Martin GROSJEAN<sup>2,3</sup>, Antonietta KNETGE<sup>1</sup>, Jaqueline F.N. VAN LEEUWEN<sup>1,2</sup>, André F. LOTTER<sup>1,2</sup>, Hendrik VOGEL<sup>2,4</sup>, Albert HAFNER<sup>2,5</sup> and Willy TINNER<sup>1,2</sup>  
<sup>1</sup>Institute of Plant Sciences, University of Bern, Bern, Switzerland  
<sup>2</sup>Oeschger Centre for Climate Change Research, University of Bern, Bern, Switzerland  
<sup>3</sup>Institute of Geography, University of Bern, Bern, Switzerland  
<sup>4</sup>Institute of Geological Sciences, University of Bern, Bern, Switzerland  
<sup>5</sup>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 Orestias Kastorias  
Lieveke VAN VUGT<sup>1,2</sup>, Erika GOBET<sup>1,2</sup>, Kathrin GANZ<sup>1,2</sup>, Gian-Luca GRÜNENFELDER<sup>1</sup>, Hendrik VOGEL<sup>2,3</sup> and Willy TINNER<sup>1,2</sup>  
<sup>1</sup>Institute of Plant Sciences, University of Bern, Bern, Switzerland  
<sup>2</sup>Oeschger Centre for Climate Change Research, University of Bern, Bern, Switzerland  
<sup>3</sup>Institute of Geological Sciences, University of Bern, Bern, Switzerland
- 11:30-12:00 The zooarchaeology of Dispilio, Lake Orestias, Kastorias  
Valasia ISAAKIDOU<sup>1</sup>, Rena VEROPOULIDOU<sup>2,3</sup>, Roula CHRONAKI<sup>3</sup> and Dafni ANDROULAKI<sup>3</sup>  
<sup>1</sup>School of Archaeology, University of Oxford, Oxford, United Kingdom  
<sup>2</sup>Museum of Byzantine Culture, Hellenic Ministry of Culture and Sports, Thessaloniki, Greece  
<sup>3</sup>School of History and Archaeology, Aristotle University of Thessaloniki, Thessaloniki, Greece
- 12:00-12:30 The archaeobotany of Dispilio, Lake Orestias, Kastorias  
Müge ERGUN<sup>1</sup>, Evgenia GKATZOGIA<sup>2</sup> and Maria NTINOU<sup>2</sup>  
<sup>1</sup>School of Archaeology, University of Oxford, Oxford, United Kingdom  
<sup>2</sup>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 GOBET<sup>1,2</sup>, Sarah BRECHBÜHL<sup>1</sup>, Lieveke VAN VUGT<sup>1,2</sup>, César MORALES-MOLINO<sup>1,2</sup>, Joseph VOLERY<sup>1</sup>, André F. LOTTER<sup>1,2</sup>, Ariane BALLMER<sup>2,3</sup>, Sandra O. BRUGGER<sup>1,2</sup>, Albert HAFNER<sup>2,3</sup> and Willy TINNER<sup>1,2</sup>  
<sup>1</sup>Institute of Plant Sciences, University of Bern, Bern, Switzerland  
<sup>2</sup>Oeschger Centre for Climate Change Research, University of Bern, Bern, Switzerland  
<sup>3</sup>Institute of Archaeological Sciences, University of Bern, Bern, Switzerland
- 14:30-15:00      The archaeobotany of Progradec, Lin 3, Lake Ohrid  
Rachel BALLANTYNE<sup>1</sup>  
<sup>1</sup>School of Archaeology, University of Oxford, Oxford, United Kingdom
- 15:00-15:30      The archaeobotany of Ploča Mičov Grad, Lake Ohrid  
Amy HOLGUIN<sup>1</sup>  
<sup>1</sup>School 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.

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**Poster design:** Tasos Bekiaris

**Workshop's Venue:**

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

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- 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>

