



International Workshop
University of Pisa, 29th-30th May 2024

Paleoecology, History and Biodiversity

Understanding long-term influences of people on landscapes and their application to conservation practices

Venue: Palazzo Boileau, Via S. Maria 85, Pisa (Italy)

Organizing committee: Monica Bini, Scott Mensing, Jordan Palli, Gianluca Piovesan, Giovanni Zanchetta



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NATIONAL
BIODIVERSITY
FUTURE CENTER

9:00 – 9:30 **Welcome.** Gianni Zanchetta & Monica Bini (University of Pisa)

Session 1. Chairman: Monica Bini

9:30 - 10:00 ***A high-resolution 2800 year record of vegetation history from the Lucca Region reconstructed using fossil pollen from Lake Sibolla, Italy.*** Scott Mensing, Theodore Dingemans, Edward Schoolman (University of Nevada, Reno), Jordan Palli (University of Pisa), Gianluca Piovesan (University of Tuscia)

10:00 - 10:30 ***The Green New Deal for biodiversity conservation: The role of paleoecology and historical ecology.*** Gianluca Piovesan (University of Tuscia), Laura Sadori, Alessia Masi, Cristiano Vignola, (University of Rome La Sapienza), Anna Maria Mercuri, Assunta Florenzano, Cristina Ricucci (University of Modena and Reggio Emilia), Giovanni Zanchetta, Monica Bini, Jordan Palli (University of Pisa)

10:30 – 11:00 ***The Inflection Points for Land Use Change in Medieval Italy: Evidence from Historical Sources.*** Edward Schoolman & Annamaria Pazienza (University of Nevada, Reno; Ca' Foscari University of Venice)

11:00 – 11:30 BREAK

11:30 - 12:00 ***The evolution of the Lucca Plain in the last 2000 years.*** Giovanni Zanchetta, Ilaria Isola, Monica Bini (University of Pisa, INGV)

12:00 - 12:30 ***The pre-Roman landscape of the ancient lake Bientina.*** Jordan Palli, Monica Bini (University of Pisa), Theodore Dingemans, Scott Mensing (University of Nevada, Reno), Gianluca Piovesan (University of Tuscia), Giovanni Zanchetta (University of Pisa)

12:30- 13:00 ***Carbon isotope analysis of pollen, a potential new hydroclimate proxy?*** Adam Csank (University of Nevada, Reno)

13:00- 14:30 LUNCH

Session 2. Chairman: Jordan Palli

- 14:30 – 15:00 ***FISCUS: Reconstructing the Landscapes of Power between the Early and High Middle Ages.*** Simone Collavini & Paolo Tomei (University of Pisa)
- 15:00 - 15:30 ***Man and Environment in the Arno Valley between Late Antiquity and the Middle Ages: a complex relationship.*** Federico Cantini (University of Pisa)
- 15:30 – 16:00 ***Paleoflood record of the Serchio and Arno rivers during the last 2000 years.*** Monica Bini, Federico Cantini, Alberto Caroti, Fabio Fabiani, Antonio Fornaciari, Marco Lazzarotti, Marco Luppichini, Jordan Palli, Giovanni Zanchetta (University of Pisa)
- 16:00 - 16:30 ***Lead legacy of pre-industrial activities in lake sediments: the case study of the Lake Accesa (Southern Tuscany).*** Francesca Pasquetti, Giovanni Zanchetta (University of Pisa), C. Benoit (Sorbonne Université, Paris), R. Avanzinelli (University of Florence), B. Vannière (CNRS-UFC), M. Desmet (University of Tours), M. Magny (CNRS-UFC), Bernd Wagner (University of Cologne), L. Dallai (University of Siena), P. Fulignati, Monica Bini (University of Pisa), I. Baneschi (IGG-CNR)
- 16:30 – 17:00 BREAK
- 17:00 – 17:30 ***Roman to Medieval landscape change at Lake Bientina.*** Theodore Dingemans & Scott Mensing (University of Nevada, Reno)
- 17:30 – 18:00 ***A high-resolution landscape reconstruction of the last 1300 yr in the Rieti Basin (Central Italy): a comparison between two lakes.*** Irene Tunno (CNR-IRET), Scott Mensing (University of Nevada, Reno), Gianluca Piovesan (University of Tuscia), Paula Noble, Claire Archer (University of Nevada, Reno)
- 19:30 DINNER

Chairman: Scott Mensing

9:30 - 12:00

Putting it together

In this session, we discuss together patterns we noticed across our research, and ways in which our assumptions about drivers of change (anthropogenic and naturogenic) might interact.

12:00 – 14:00

LUNCH

14:00 – 18.00

Workshop time

Workshop time developing manuscripts from work presented in the conference, as well as new collaborations and funding proposals for continued research.