

WHAT FUTURE FOR MEDITERRANEAN BIODIVERSITY? IMAGES FROM THE PAST FOR A SUSTAINABLE FUTURE (BIOMED)

19 DECEMBER 2024

SALA STROZZI UNIFI-DST 9:15 - 17:00

RESPONSE TO CLIMATE CHANGE
AND BIODIVERSITY PROTECTION



UNIVERSITÀ
DEGLI STUDI
FIRENZE
DST
DIPARTIMENTO DI
SCIENZE DELLA TERRA

Da un secolo, oltre.

Con il
patrocinio di:



AIQUA

isem
Institut des Sciences de l'Évolution-Montpellier



Finanziato
dall'Unione europea
NextGenerationEU

Ministero
dell'Università
e della Ricerca

Italiadomani

NATIONAL
BIODIVERSITY
FUTURE CENTER

19.12.2024

Sala Strozzi (Firenze)

What future for Mediterranean biodiversity? Images from the past for a sustainable future (BIOMED)

Response to climate change and biodiversity protection

- 9:15 – 9:30 Coordinators projects (*Adele Bertini & Vincent Lebreton*)
- 9:30 – 9:50 Presentation of the Galileo Project - *Vincent Lebreton & Adele Bertini*
- 9:50 – 10:10 The last 130 ka: an introduction - *Adele Bertini & Vincent Lebreton*
- 10:10 – 10:30 Diversity of the subsistence behaviours of Neanderthals in southern Mediterranean Europe from MIS 6 to MIS 3 - *Marie-Helene Moncel*
- 10:30 – 10:50 Large mammal diversity on the Catalan and French Pyrenees during Late Pleistocene - *Joan Madurell-Malapeira*
- 10:50 – 11:10 EutherianCoP, a new interactive web application for integrating Conservation Paleobiology data to manage biodiversity and ecosystems - *Alessandro Mondanaro*
- 11:10 – 11:30 Pollen-inferred climate reconstruction for key past periods in the Mediterranean region: methods and applications - *Odile Peyron & Mary Robles*
- Break 11:30 – 11:50
- 11:50 – 12:10 Rapid environmental variability during Heinrich Stadial 4 and Dansgaard-Oeschger 8: a high-resolution reconstruction for the context of the last Neanderthals in southwestern Mediterranean - *Liz Charton*
- 12:10 – 12:30 New insights from a data mining approach to highlight rapid or repetitive extreme events and their consequences on biodiversity - *Maé Catrain*
- 12:30 – 13:00 Discussion coordinated by *Nathalie Combourieu-Nebout*
- Lunch 13:00 – 14:30
- 14:30 – 15:00 When biodiversity conservation meets biotechnology: climate change-resilient microbial solutions for Mediterranean crops - *Alessio Mengoni*
- 15:00 – 15:30 Integrating fossil data into ecological niche models to predict the effect of climate change on terrestrial mammals - *Mirko Di Febbraro*
- 15:30 – 16:00 Multiple pressures and their effects on Mediterranean ecosystems - *Federica Badino*
- 16:00 – 16:30 Summary on Galileo activities - *Adele Bertini & Vincent Lebreton*
- 16:30 – 17:00 Discussion coordinated by *Nathalie Combourieu-Nebout*
- Closing of the workshop