
MEETING ON “CLIMATE AND PRE-INDUSTRIAL HUMAN IMPACTS ON MARINE ECOSYSTEMS: CROSSING DISCIPLINARY BOUNDARIES”

MEETING PROGRAM

MONDAY 17TH JANUARY 2022

- 15:00–15:20 Konstantina Agiadi “Q-MARE Overview”
- 15:20–15:30 André Carlo Colonese "Uncovering 5000 years of fishing in the southwestern Atlantic Ocean"
- 15:30–15:40 Tatiana Theodoropoulou "From ancient fish catches to archaeological fish bones and back to ancient marine ecosystems: methodology, potential and results of ichthyoarchaeological analysis"
- 15:40–15:50 Martin Zuschin "From Ecology to Stratigraphic Paleobiology: multiple approaches to Conservation in the northern Adriatic Sea"
- 15:50–16:00 Moriaki Yasuhara "Time Machine Biology"
- 16:00–16:10 Invited talk Sven Pallacks and Partizia Ziveri "Fossil otolith and foraminiferal records to disentangle climate and anthropogenic drivers on Mediterranean marine ecosystems"
- 16:10–16:20 Invited talk Yuanyuan Hong "Baseline ostracod assemblages of the northwestern Pacific and Indo-Pacific"
- 16:20–16:30 Jessica Lueders-Dumont "Ecological baselines from nitrogen isotopes in fish otolith-bound organic matter: calibration and first applications"
- 16:30–17:00 Break
- 17:00–17:30 Keynote Daniel Pauly "Fisheries catches and the mean temperature of the catch from historical and archeological records"
- 17:30–18:00 Discussion

TUESDAY 18TH JANUARY 2022

- 15:00–15:10 Jonathan Belmaker "Modern perspectives on Mediterranean fish diversity changes"
- 15:10–15:20 Adam Tomašových "Inferences about marine benthic ecosystems on the basis of the stratigraphic record"
- 15:20–15:30 Poul Holm "North Atlantic marine extractions, 1520–2020"
- 15:30–15:40 Ahmed A. Abdelhady "Biological responses to environmental changes"
- 15:40–15:50 Bryony A. Caswell "Muddy bottoms: seafloors past, present and future"
- 15:50–16:00 Paolo G. Albano "Climate-driven biodiversity collapse in the Mediterranean Sea"

- 16:00–16:10 Tal Gavriel "Disentangle the influence of rare, transient, and absent species (dark diversity) on reef fish diversity patterns"
- 16:10–16:20 Aaron O’Dea "The beauty and utility of coral reef archives"
- 16:20–16:30 Erin Dillon "Using dermal denticle assemblages to reconstruct shark communities on coral reefs over millennia"
- 16:30–17:00 Break
- 17:00–17:10 Michał Kowalewski "Historical Marine Ecology at University of Florida and the Conservation Paleobiology Network"
- 17:10–17:20 Konstantina Agiadi "Natural climatic variability impacts on the marine fishes of the eastern Mediterranean"
- 17:20–17:30 Maria Bas "Using past archaeological information to predict changes in marine ecosystems in the future"
- 17:30–18:00 Communicating between disciplines: discussion

WEDNESDAY 19TH JANUARY 2022

- 15:00–15:30 Q-MARE schedule and tasks
- 15:30–15:50 Tal Gavriel "Integrating data: PAGES requirements, Neotoma and PANGEA"
- 15:50–16:10 John Nicholls and Laoise Dillon "Setting the standard: Core values and robust data for a sustainable Q-MARE"
- 16:10–16:30 Break-out rooms: Mediterranean, North Atlantic, South Atlantic, Indo-Pacific
- 16:30–17:00 Break
- 17:00–17:30 Keynote Jennifer Dunne "The Roles, Functions and Impacts of Humans in Complex Ecological Networks"
- 17:30–18:00 Discussion