



MAF WORLD



Q-MARE

PAAGES
PAST GLOBAL CHANGES

International workshop and training

Detecting, describing and disentangling pre-industrial climate and human impacts on marine ecosystems

Plakias, Crete (Greece) and online
2–6 September 2024

Organizers: Konstantina Agiadi, Bryony Caswell, Ruth Thurstan, Tatiana Theodoropoulou, Katerina Douka

Preliminary Program

Day 1

09:00–10:00 Meeting aims, structure, logistics, round of introductions
10:00–11:00 Paleontological methods: assemblage analysis (*Bryony Caswell*)
11:00–11:15 Coffee break
11:15–12:30 Paleontological methods: taphonomy (*Konstantina Agiadi*)
12:30–14:30 Lunch break
14:30–16:00 Geochemistry: isotopes, elements, sclerochronology (*Jessica Lueders-Dumont*)
16:00–17:00 Break to prepare for field training
17:00–20:00 Field activity at Plakias — *Posidonia* meadows (*Martina Holzknacht*)

Day 2

09:00–11:00 Geochemistry: radiocarbon dating (*Katerina Douka*)
11:00–11:15 Coffee break
11:15–12:30 Historical methods (*Ruth Thurstan*)
12:30–14:30 Lunch break
14:30–15:15 Archeological methods (*Tatiana Theodoropoulou*)
15:15–17:00 Transfer to Matala
17:00–18:30 Matala — ancient fish tanks (*Tatiana Theodoropoulou*)
18:30–20:00 Free time at Matala
20:00–22:00 Dinner at Matala
22:00–23:30 Transfer to Plakias

Day 3

09:00–10:00 Genetics: aDNA (*tbd*);
10:00–11:00 Genetics: paleoproteomics (*Katerina Douka*)
11:00–11:15 Coffee break
11:15–12:30 Species-distribution models (*Maria Bas López*)
12:30–14:30 Lunch break
14:30–15:30 Food-web models (*Marta Coll*)
15:30–16:00 Data management (*Felicitas Ten Brink*)
16:00–18:00 Poster session (hybrid)

Day 4

09:00–10:00 Review results of expert survey
10:00–10:15 Coffee break
10:15–12:00 Draft structure of the methodological outputs
12:00–12:30 Assign sections
12:30–14:30 Lunch break
14:30–18:00 Individual work
18:00–20:00 Free time
20:00–23:00 Joint dinner at local tavern

Day 5

09:00–11:00 Individual work
11:00–11:15 Coffee break
11:15–12:30 Work in groups
12:30–14:30 Lunch break
14:30–16:00 Come-together: discussion, planning
16:00–18:00 Outreach activity