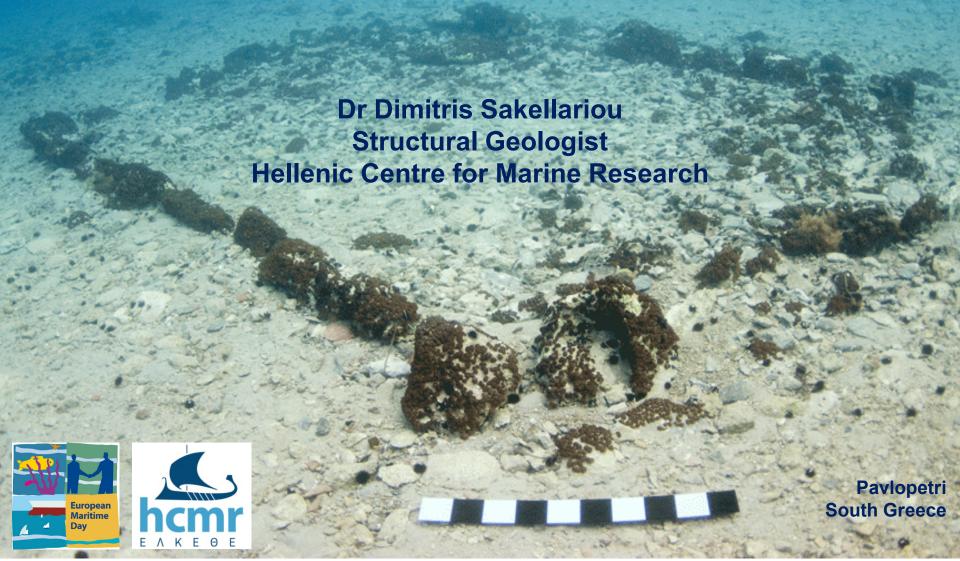
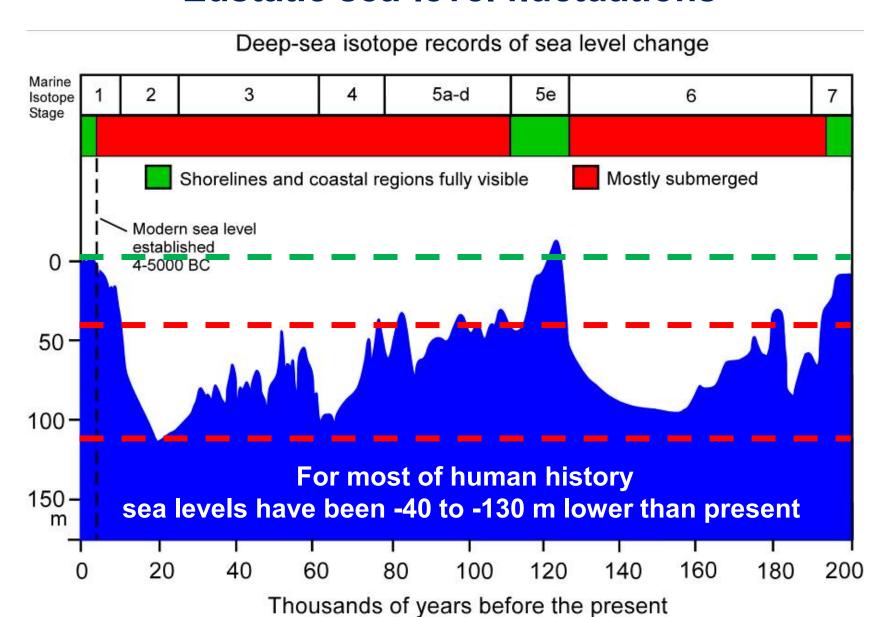
Maritime Cultural Heritage and Blue Growth: What's the Connection? Underwater technology





Eustatic sea-level fluctuations





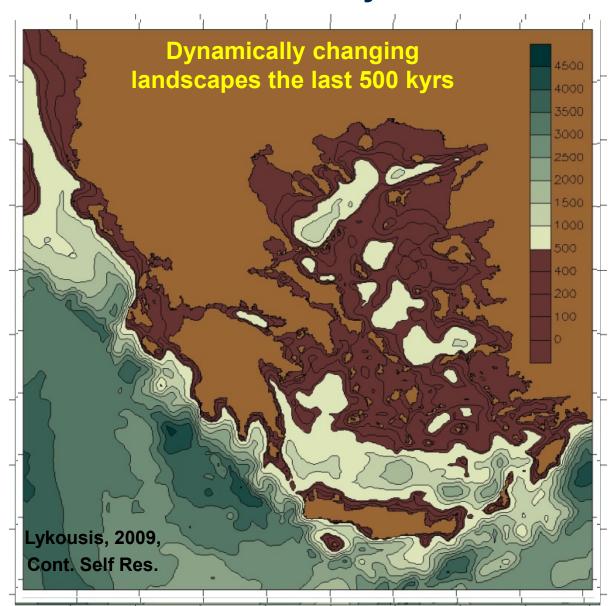
Sea-level fluctuations + isostasy + vertical tectonics

OIS 2, 18-30kyrs

OIS 6, 140-180kyrs

OIS 8, **250-300kyrs**

OIS 10 & 12, 350-480kyrs





Research vessels





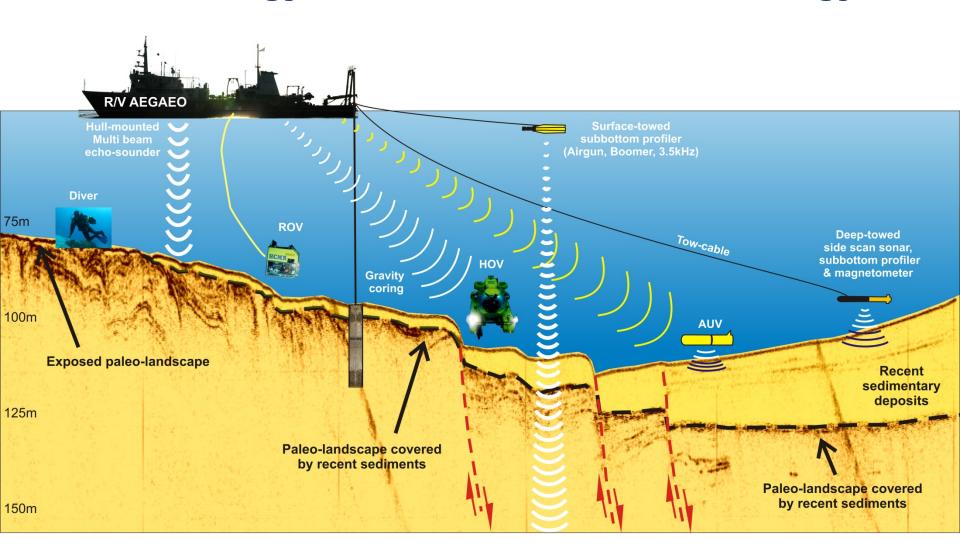


Vessels of opportunity



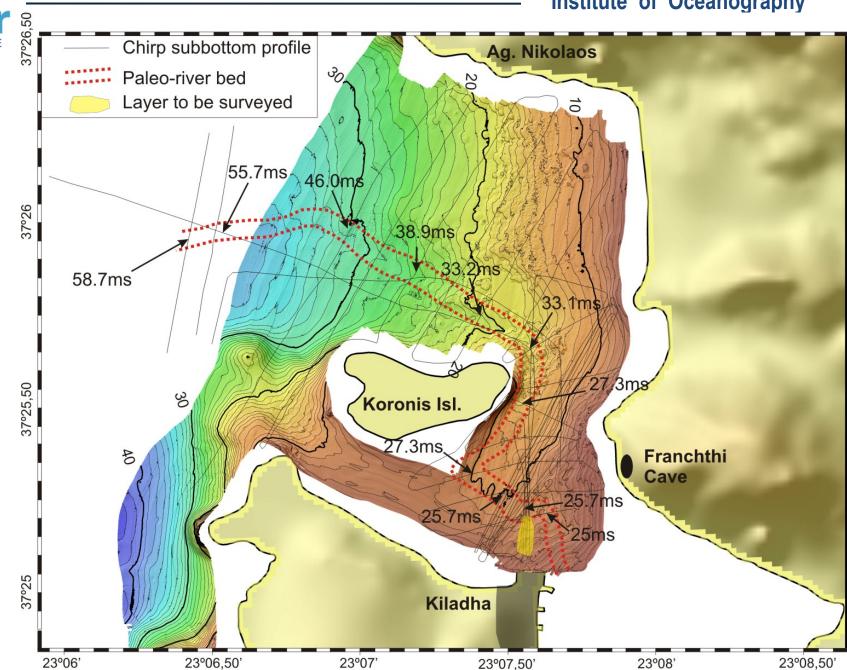


Technology in Underwater Geoarchaeology



Swath Bathymetry

Institute of Oceanography

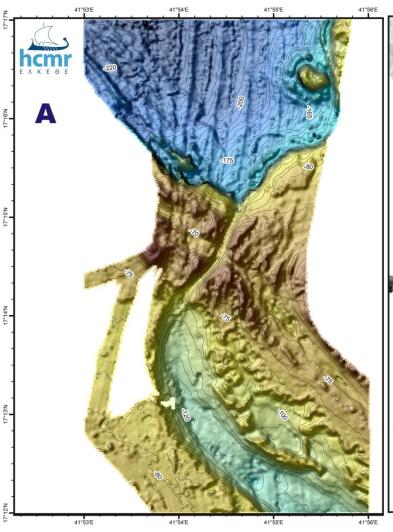


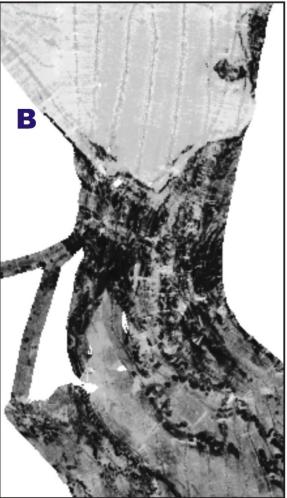


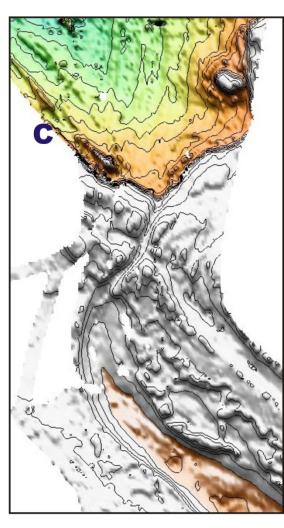
Swath Bathymetry

Institute of Oceanography

(A) High-resolution shaded bathymetry
(B) backscatter (reflectivity) map and
(C) shaded bathymetry with parts shallower than 120m not colored.

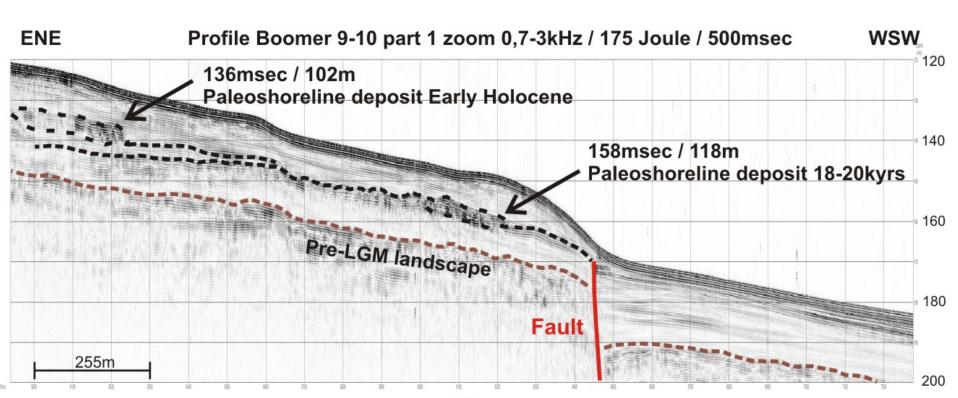






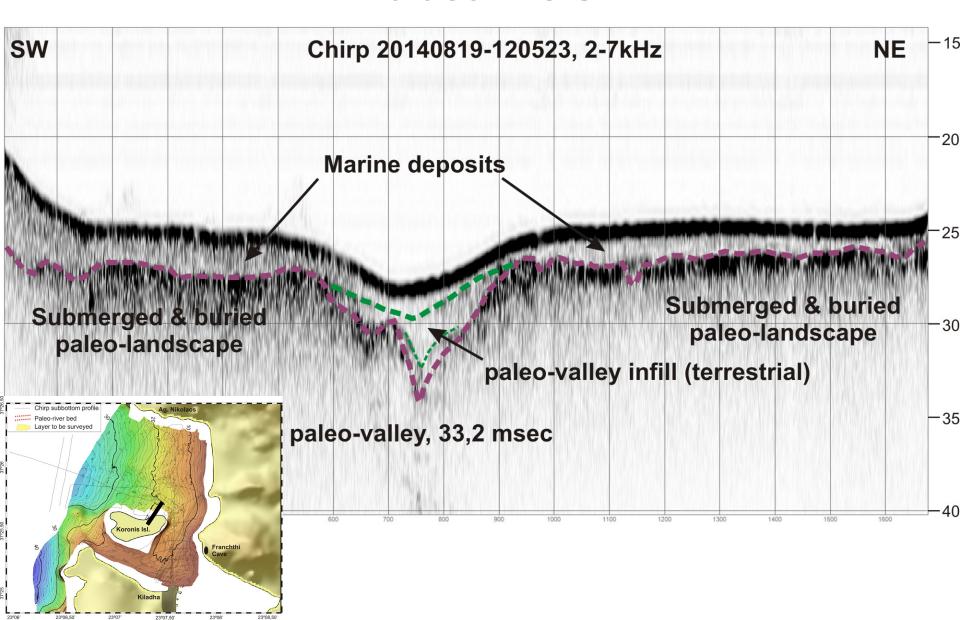


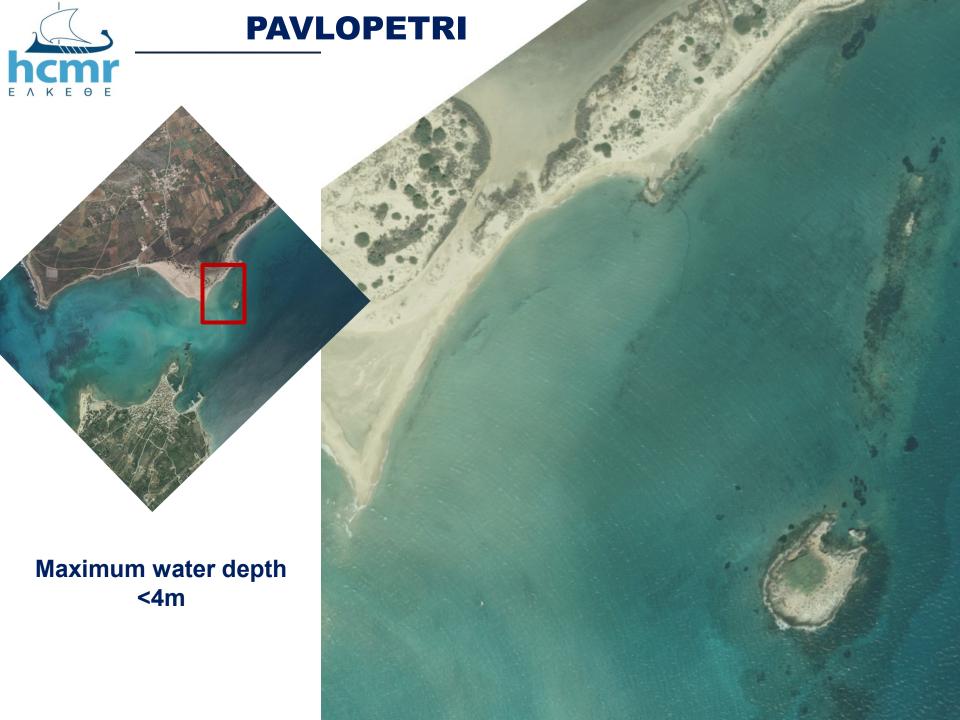
Palaeo-shoreline deposits Boomer sub-bottom profile 0,7-3kHz





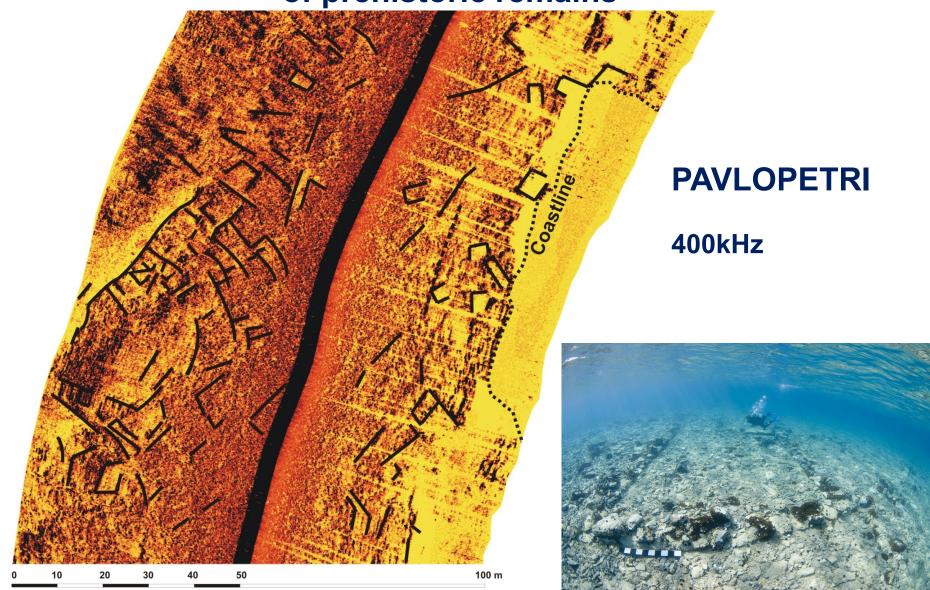
Palaeo-rivers





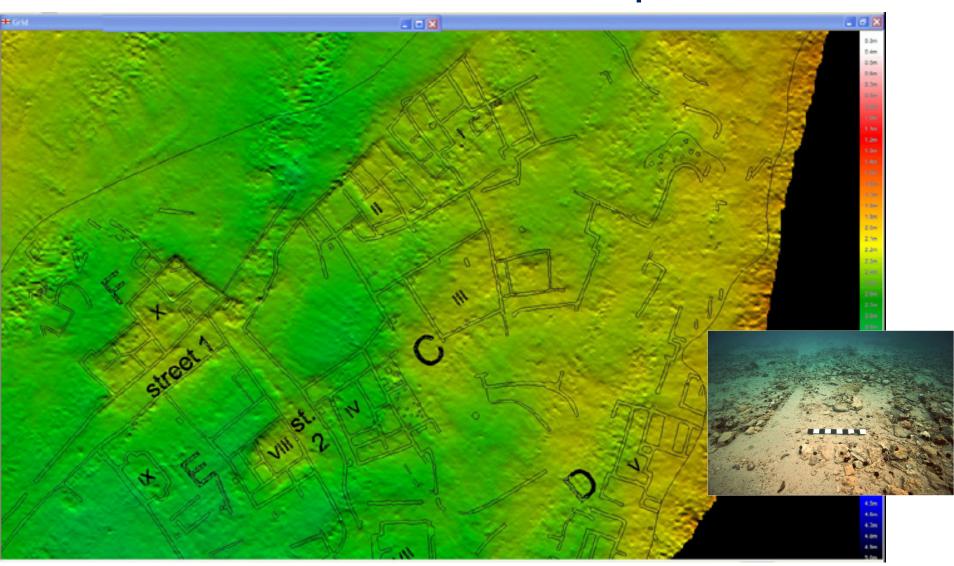


Side scan sonar documentation of prehistoric remains





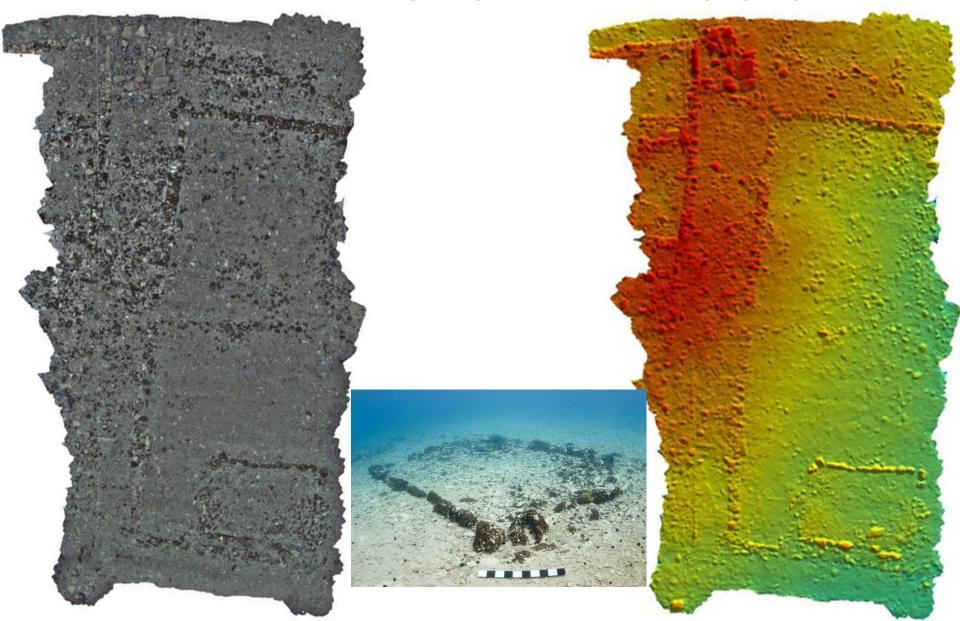
Multibeam documentation of the prehistoric remains



Geoswath Multibeam bathymetry (shaded relief) at 20 cm grid



Photo-mosaic (left) & 3D relief (right)





Orthophoto-mosaic / computer vision techniques

