



UNIVERSITY OF TRIESTE

Mathematics and Geosciences Department

Oceanographic surveys and GIS mapping

Research on the **«Protected marine area for fish repopulation»** (Gulf of Trieste)

Collaboration with:

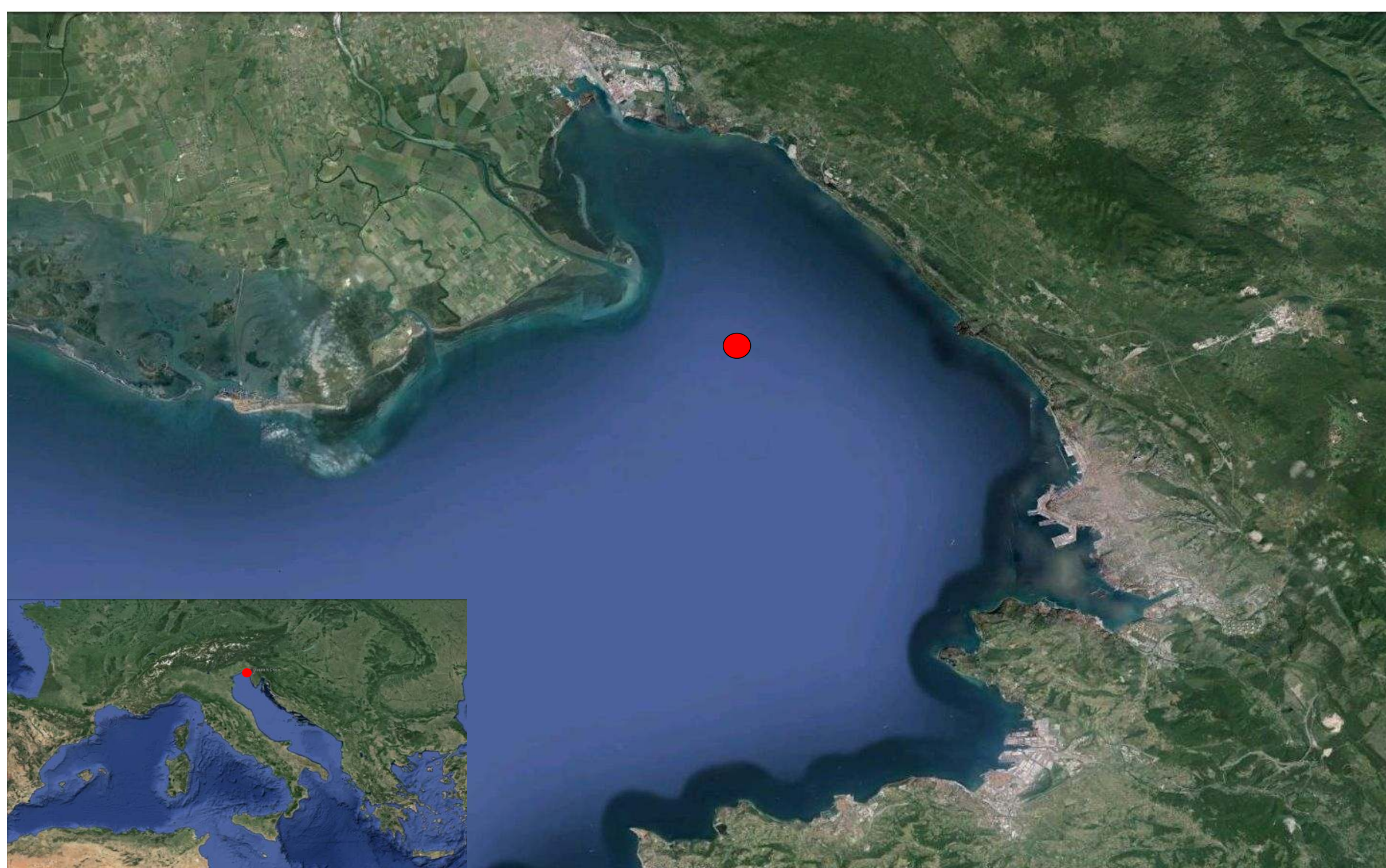
FIPSAS (Italian Federation for Sport Fishing and Underwater Activities)

OGS (National Institute of Oceanography and Experimental Geophysics)

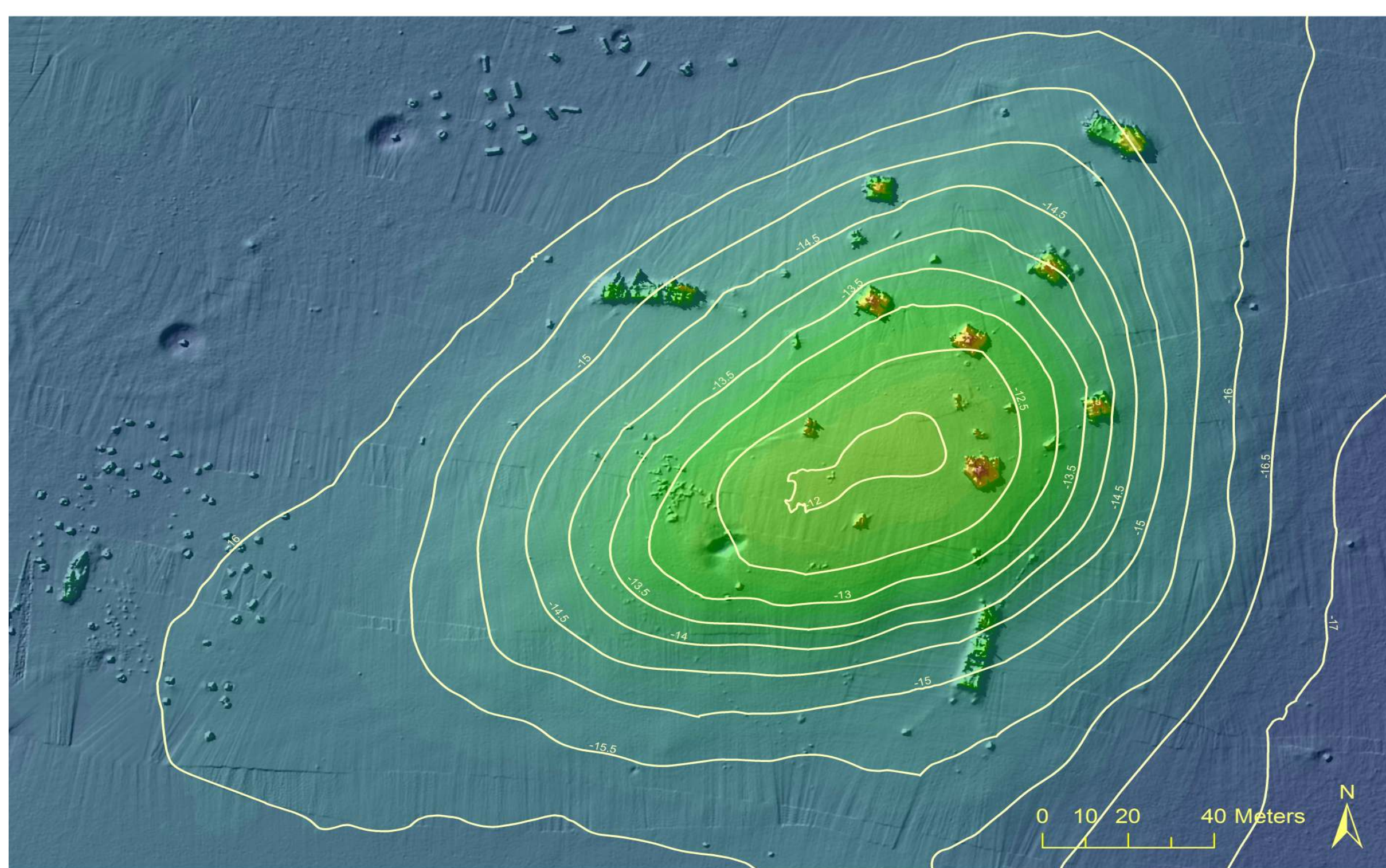
Underwater Partner:

CST (Circolo Sommozzatori Trieste)

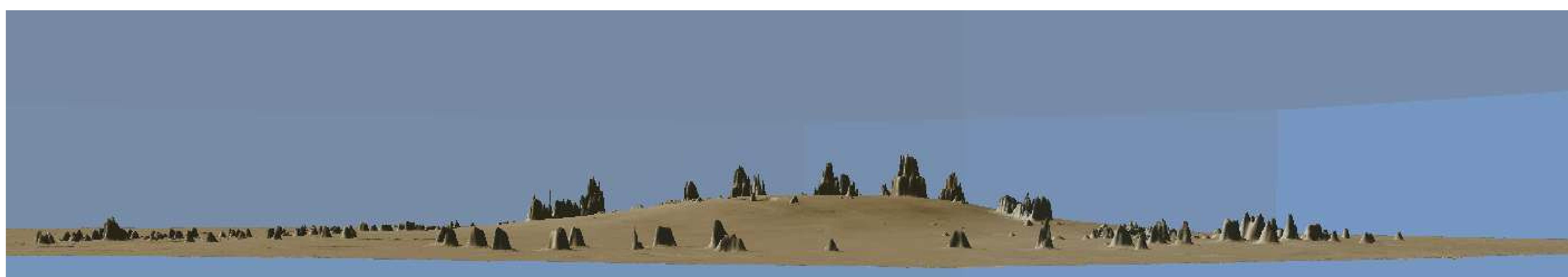
S.Cirilli (Units), E.Gordini (OGS), L.Petronio (OGS)



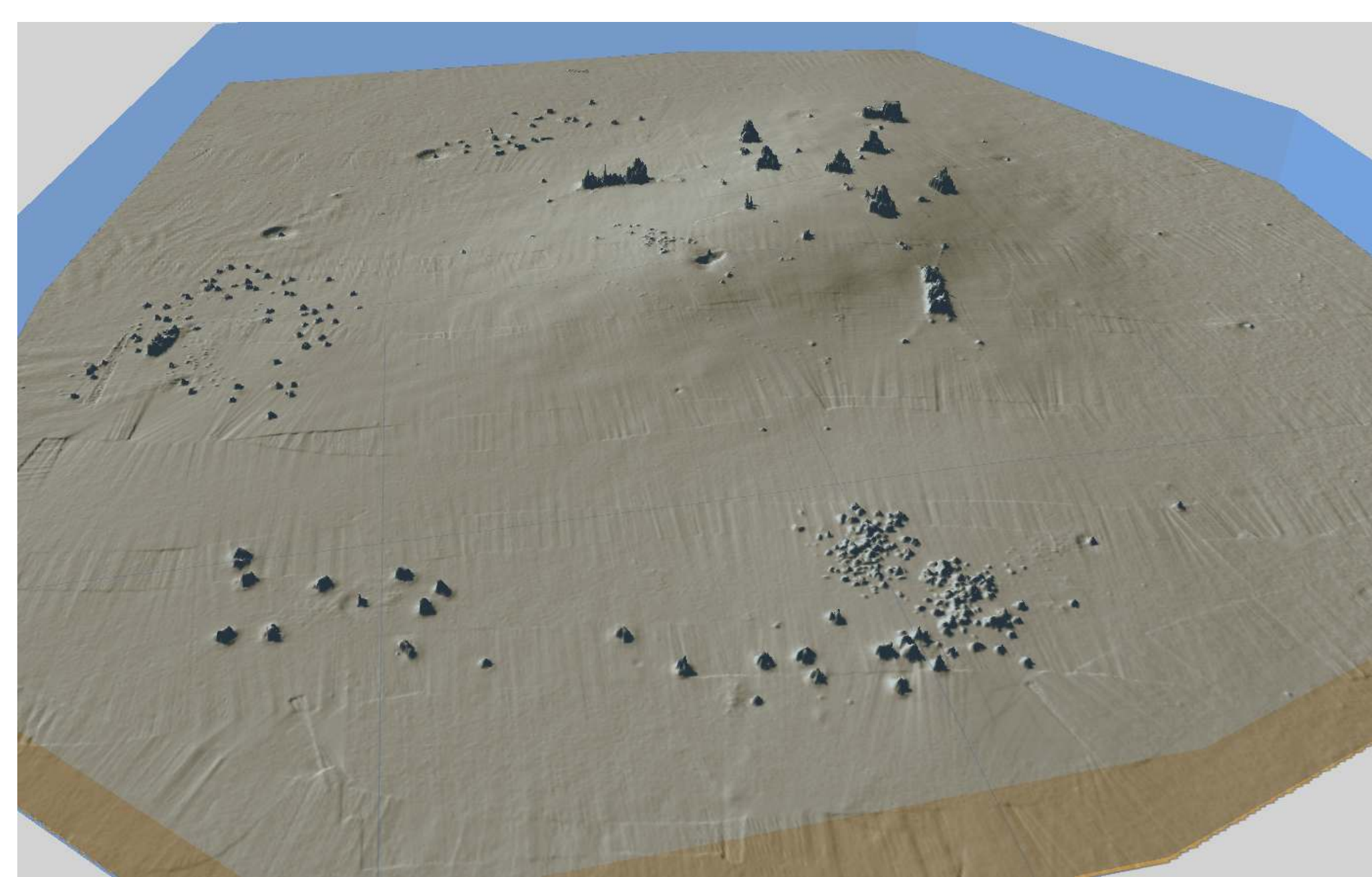
«Dosso di Santa Croce»
Location of study: FIPSAS Protected Area



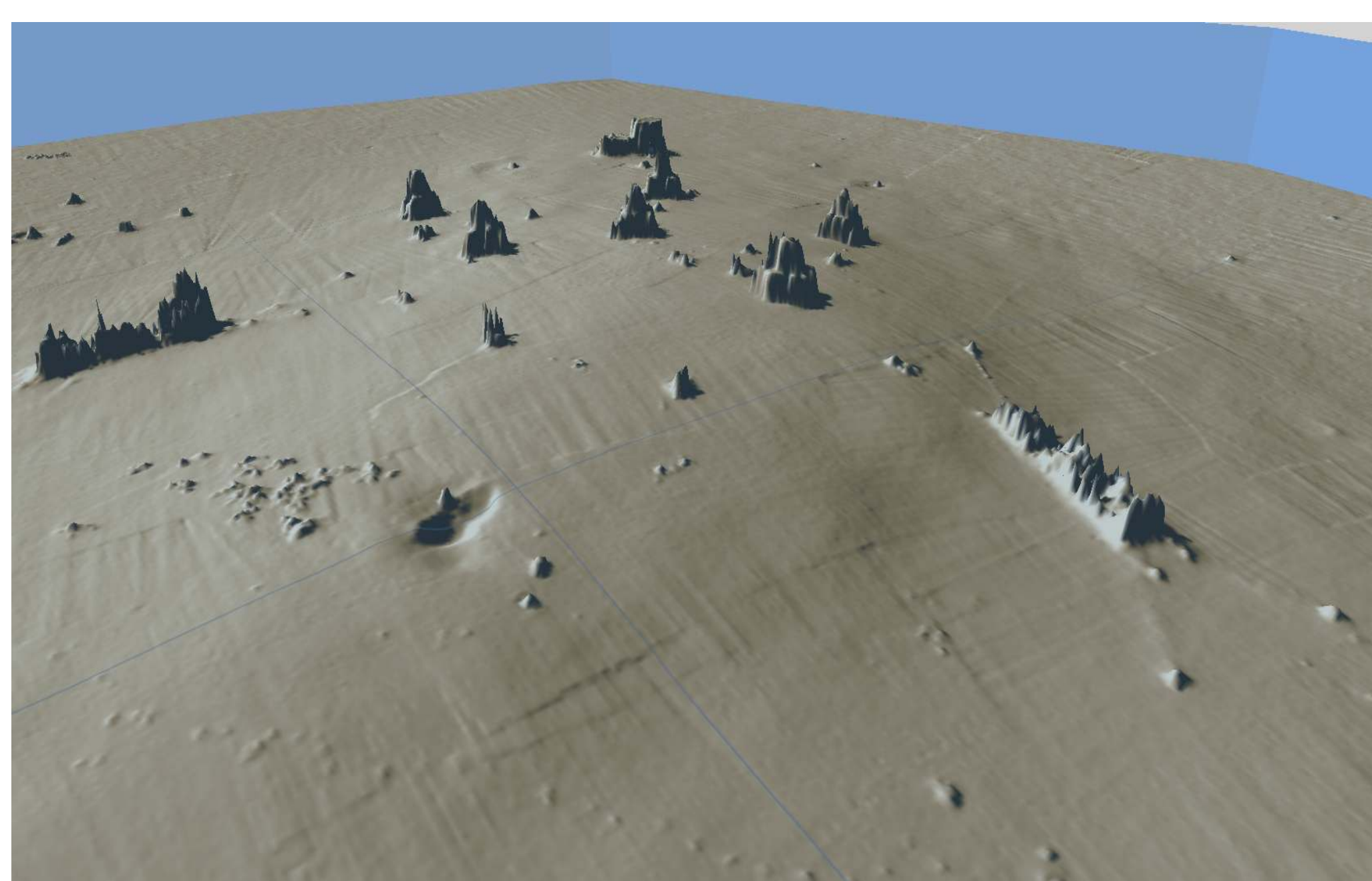
Contour generation from multi beam survey
S.Cirilli (Units), E.Gordini (OGS), L.Petronio (OGS), D.Cotterle (OGS), 2015



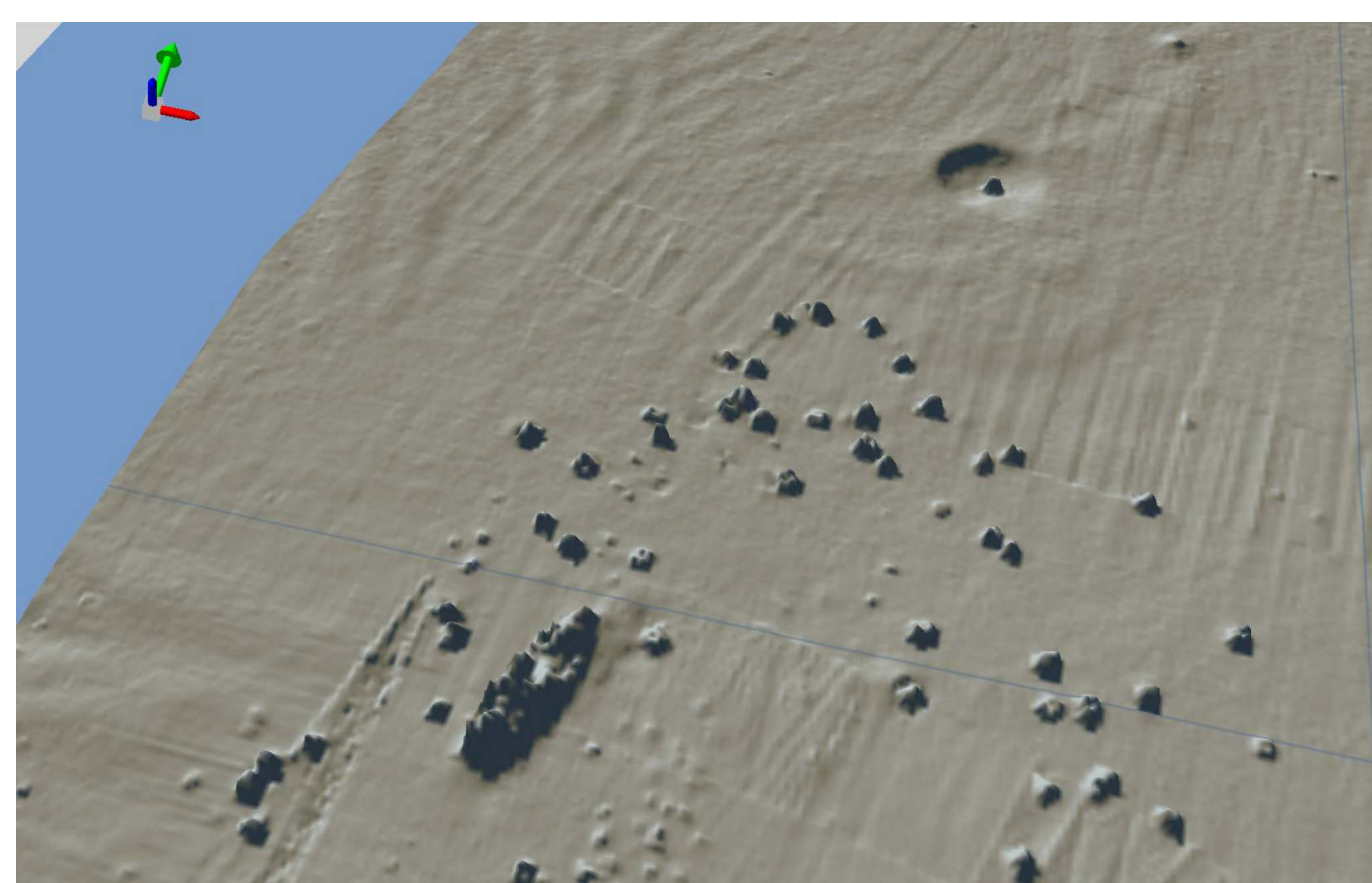
Morphology bottom 3D rendering, vertical view 1,5x (S.Cirilli, M.Fernetti, 2015)



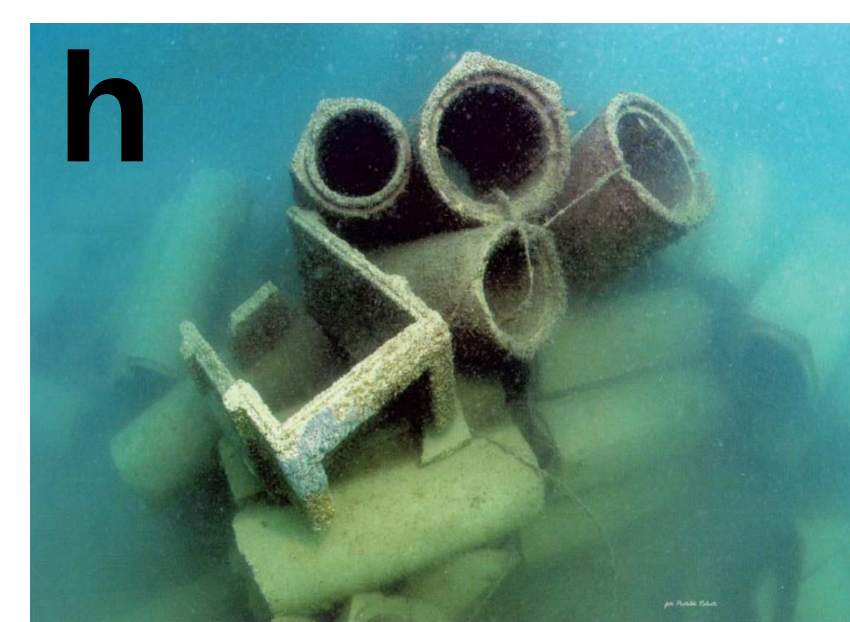
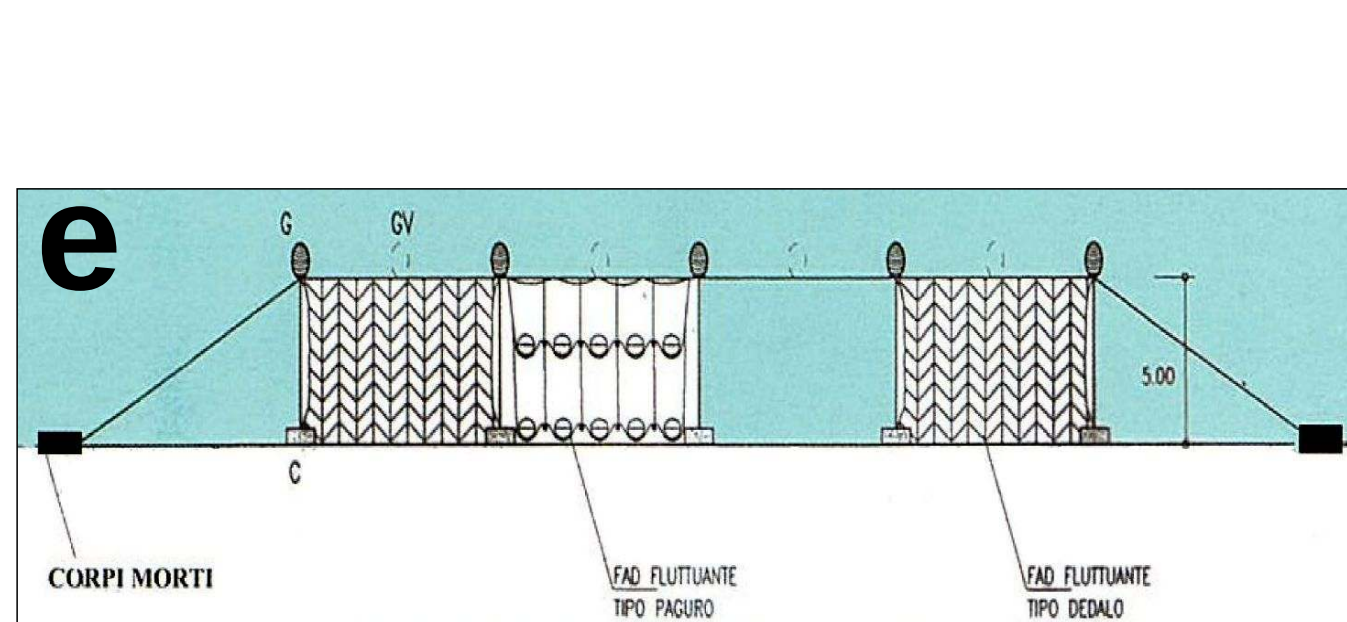
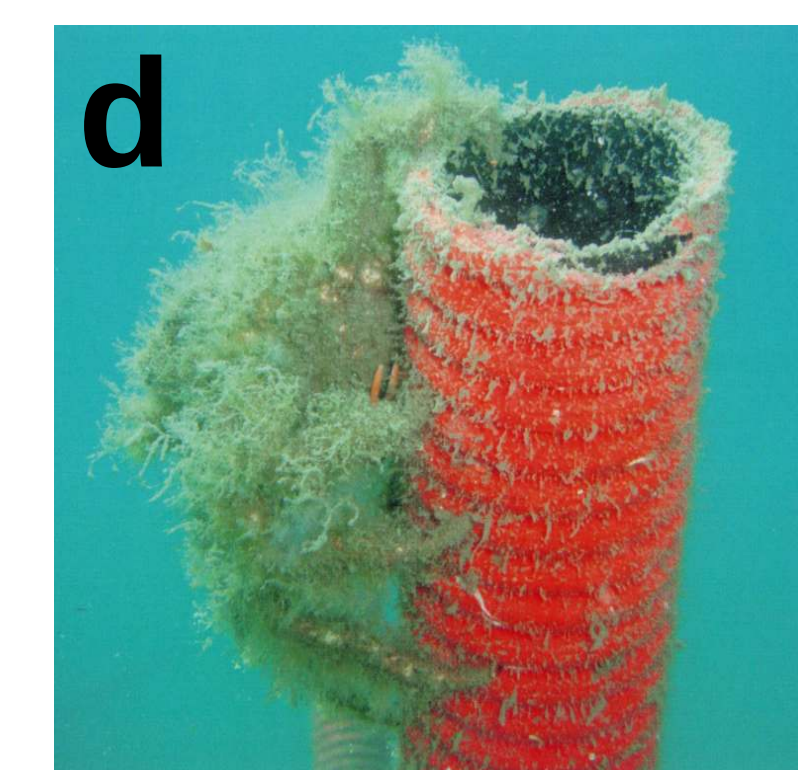
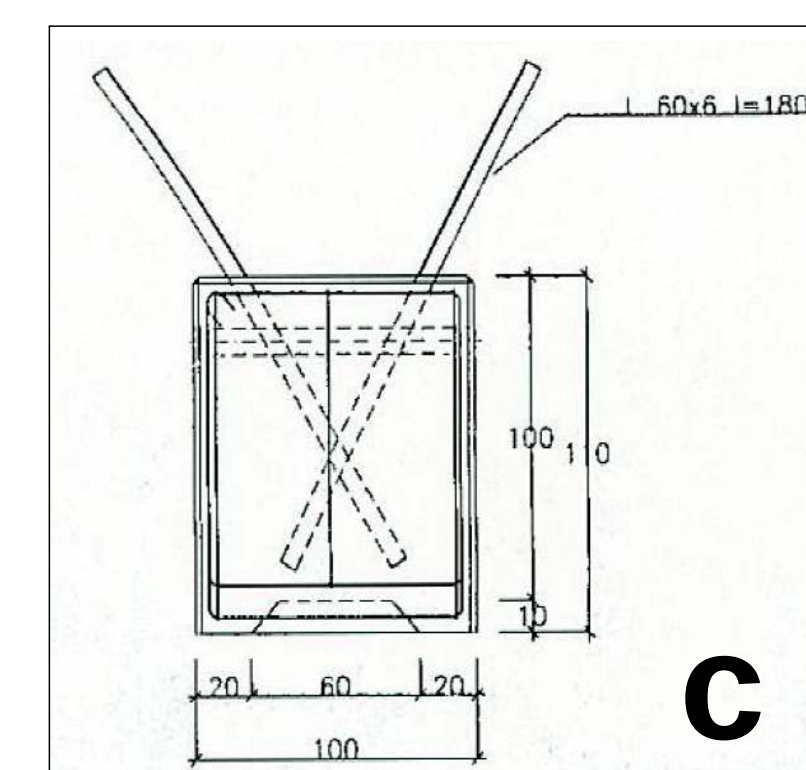
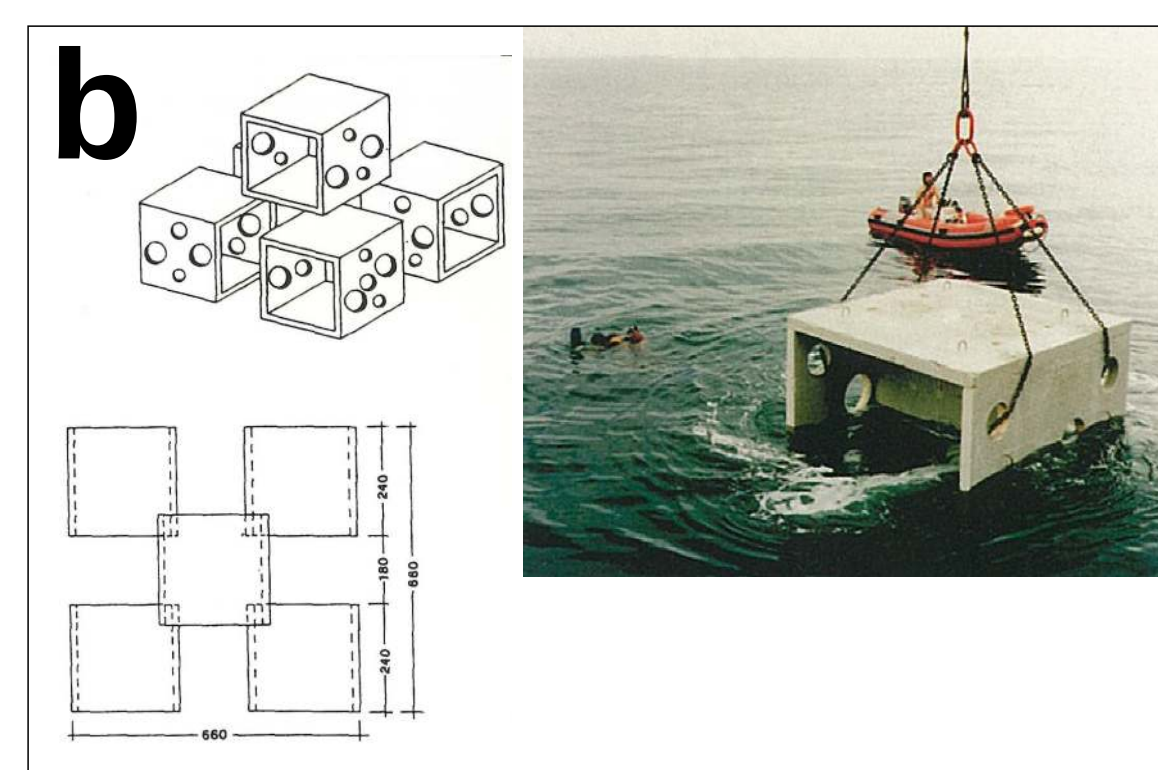
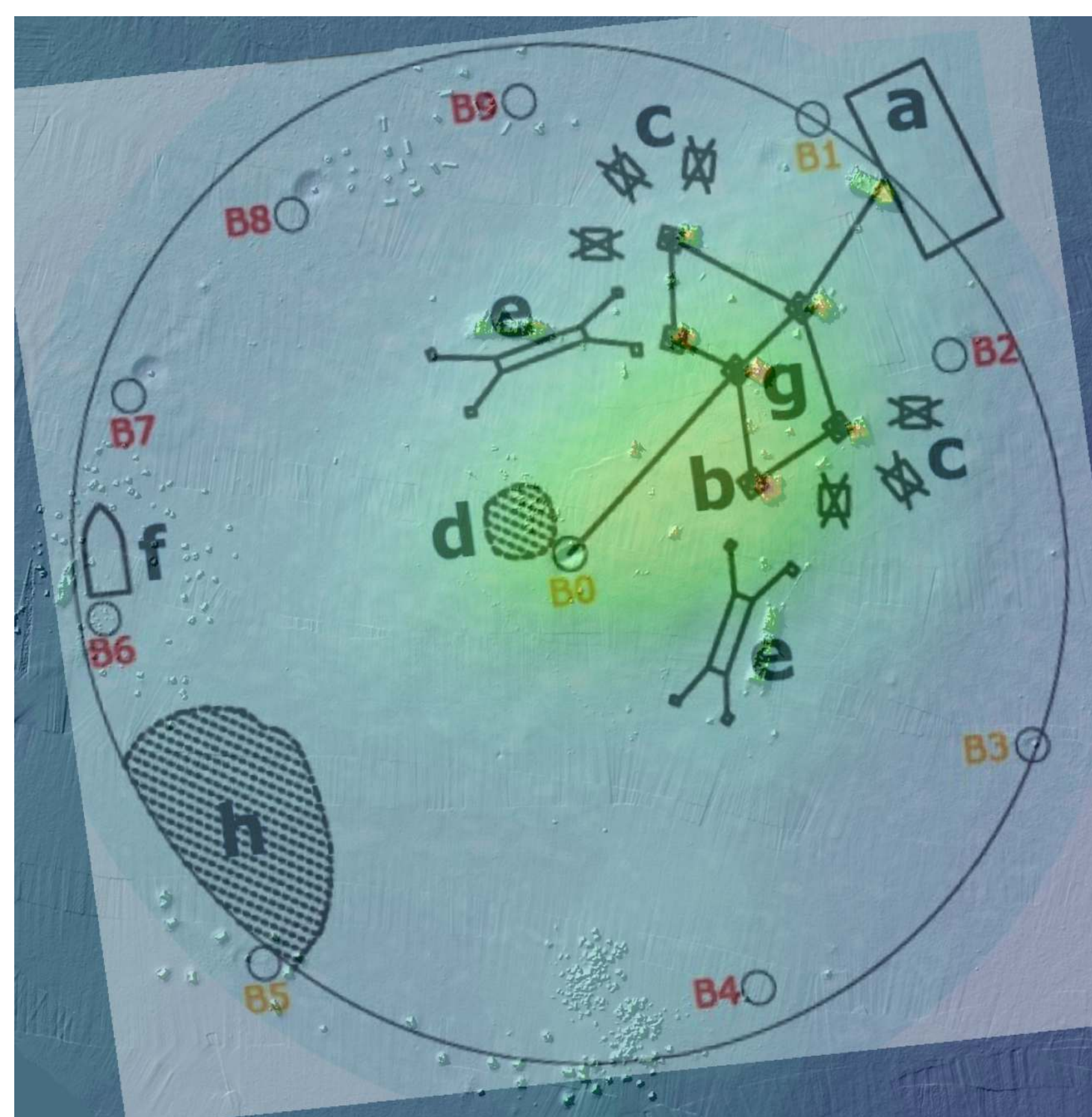
Morphology bottom 3D rendering



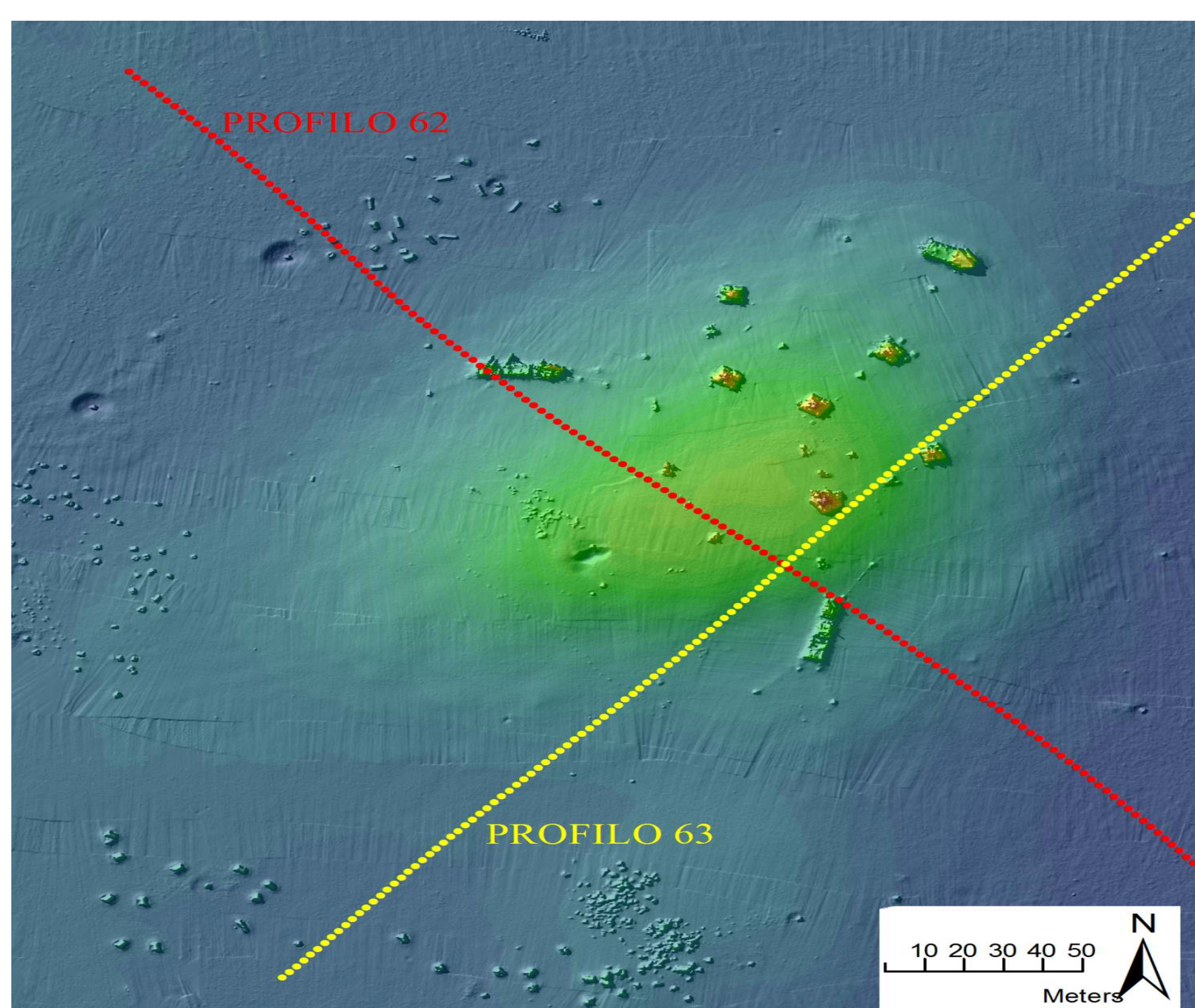
Antropic structure for fish repopulation



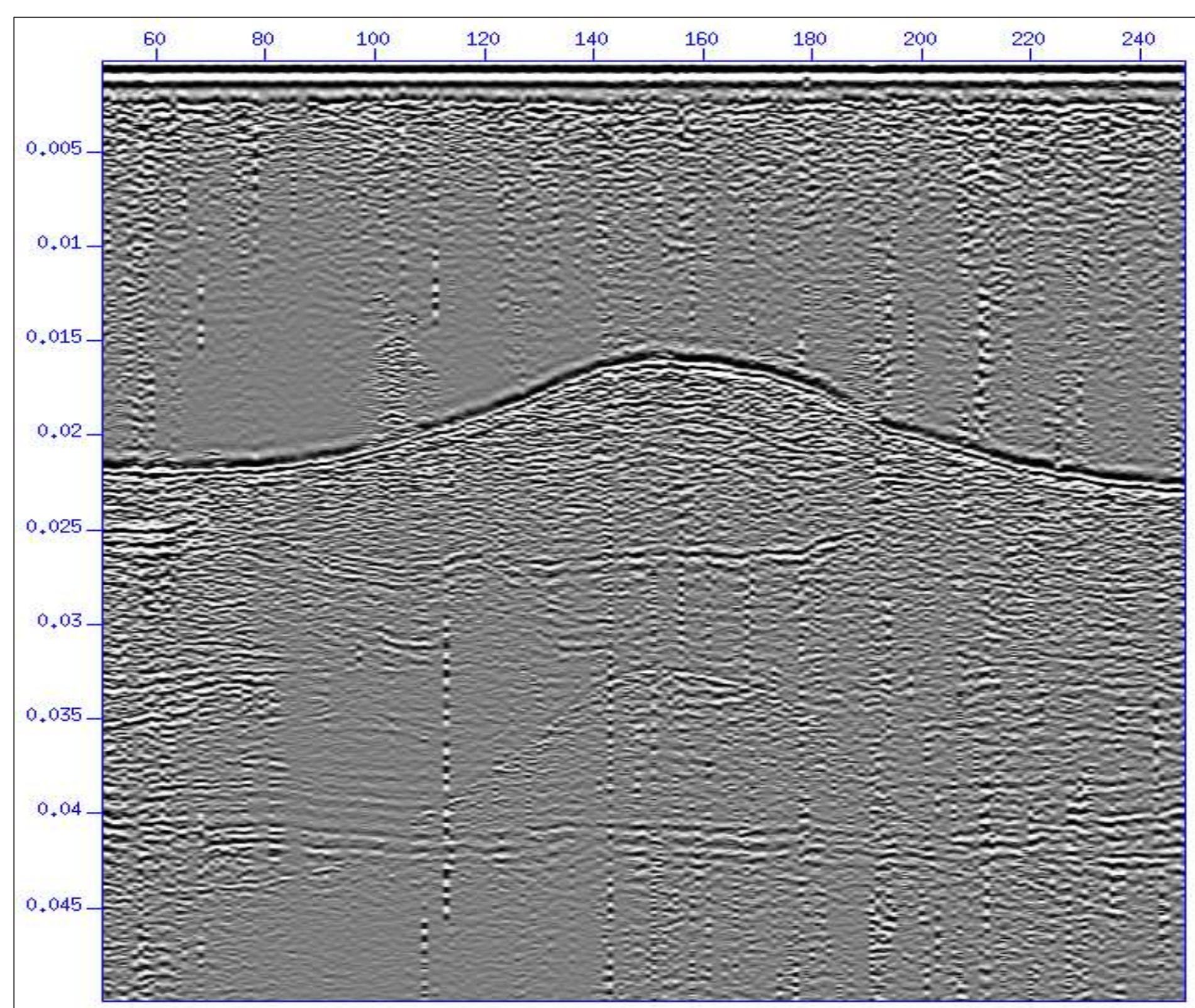
Wreck and finger print anchoring buoy



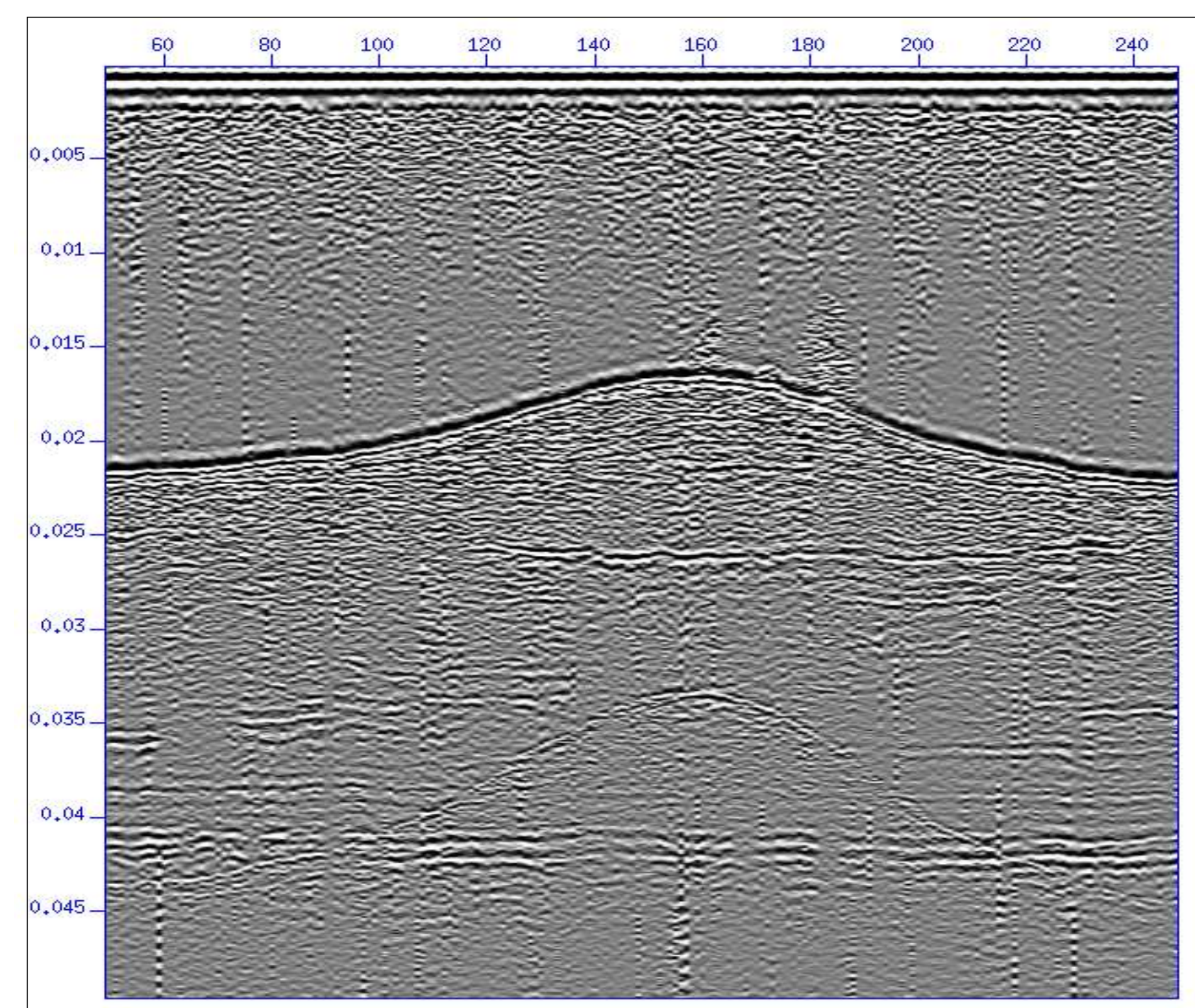
Antropic structure map: overlay with multibeam survey
E.Torlo (Architecture Firm - Trieste), S.Cirilli (Units)



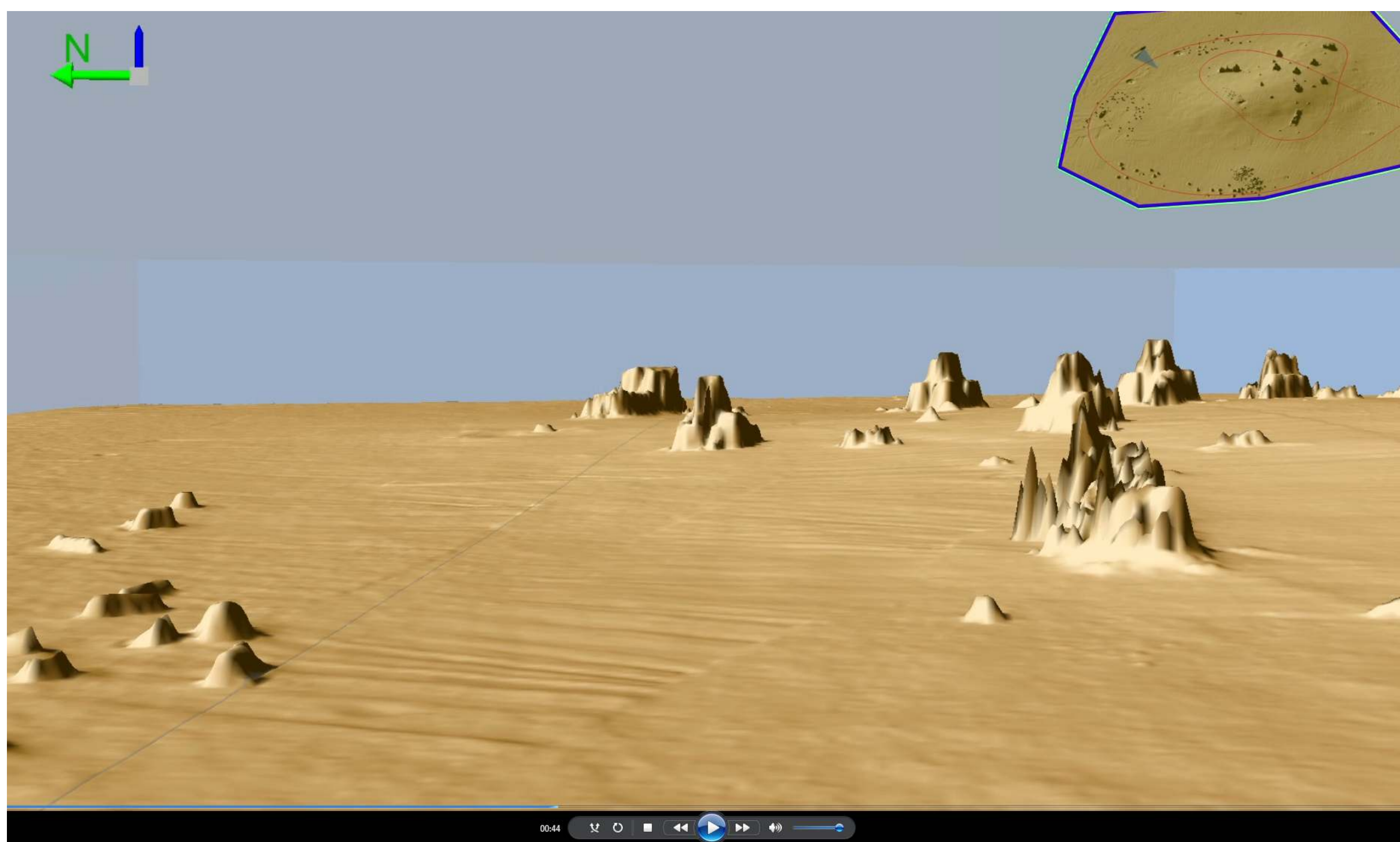
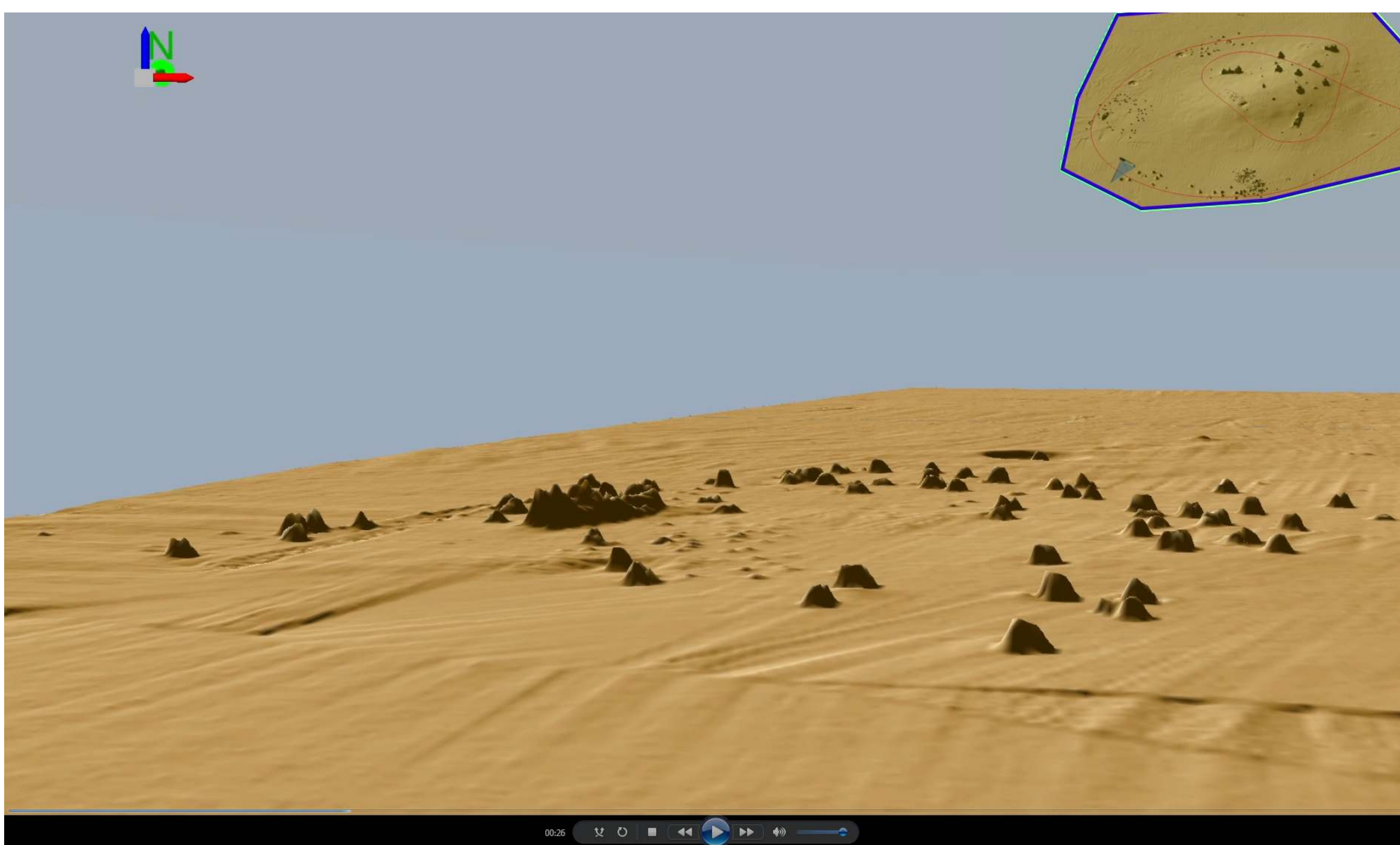
Seismic Profiles
L.Petronio, E.Gordini, L. Baradello, (OGS) 2015



Seismic profiles: Track 62



Seismic profiles: Track 63



3D Video generation: virtual tour flying over the area of study (S.Cirilli, J.Piscanc, 2015)

