

**CONSIGLIO NAZIONALE DELLE RICERCHE
ISTITUTO DI SCIENZE MARINE**



CICLO DI SEMINARI

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**“The GEOBIOdiversity in pink:
the bioconstructions of calcareous red algae in the Med Sea”**

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The mesophotic benthic zone of the Mediterranean Sea host algal reefs and rhodolith beds, habitats that are of extreme importance not exclusively because of their biodiversity, but also because they express the geodiversity, as they are the “combination” of both biological and geological processes trough time, with an important fossil legacy. One of the most underexplored concepts is that they contribute to the seascape sculpturing and geomorphological development of the seafloor. Consequently, they provide one of the most interesting examples of biogemorphological constructive phenomenon.

Within this seminar, we will explore the main features of Mediterranean algal reefs and rhodolite beds, and their potential role in the framework of conservation paleobiology.