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EVANGELOS PAPADIMITRIOU, AMEL HANNACHI ,
APOSTOLOS PAPADIMITRIOU, HAMMOUDA BEYREM
, IOANNIS KEFALAS, EZZEDDINE MAHMOUDI ,
BADDREDDINE SELLEMI, CHRIS SMITH, VASILIS
PAPATHANASIOU, SIMONETTA FRASCHETTI,
ROBERTO DANOVARO, SOTIRIS ORFANIDIS

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Evangelos PAPADIMITRIOU, Amel HANNACHI, Apostolos PAPADIMITRIOU, Hamouda BEYREM,
Ioannis KEFALAS, Ezzeddine MAHMOUDI, Badreddine SELLAMI, Chris J. SMITH,
Vasillis PAPATHANASIOU, Simonetta FRASCHETTI, Roberto DANOVARO and Sotiris ORFANIDIS

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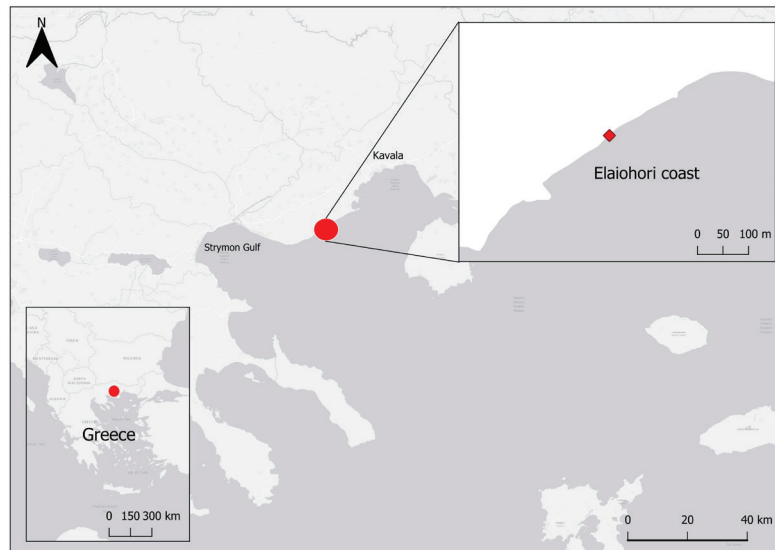


Fig. S1: Map of the study area of the Greek coast.

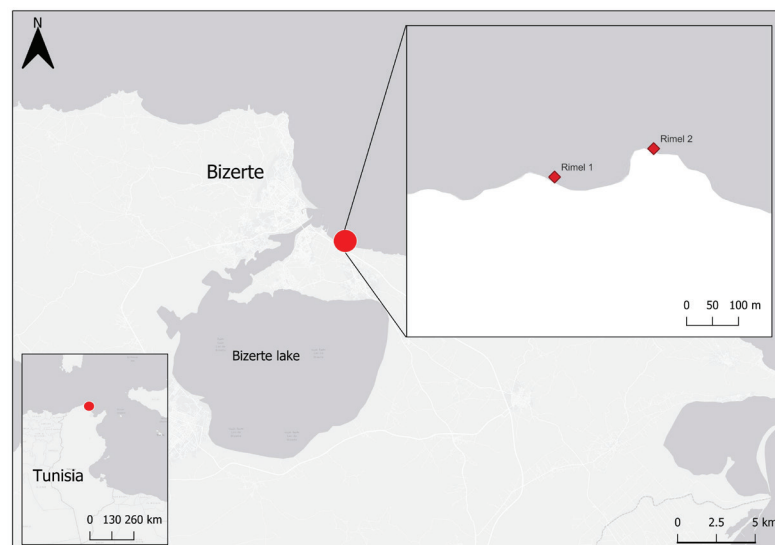


Fig. S2: Map of the study areas of the Tunisian coast.



Fig. S3: Placement of gypsum cones in Greek coasts.



Fig. S4: Placement of gypsum cones in Tunisian coasts.

Table S1. Sea conditions for each treatment in the Greek experiment.

Country	Treatments	Date	Waves (m)	Average Depth (cm)	Wind (km/h)
Greece	1	28/7/20	0.11	59.4	8.69
Greece	2	29/7/20	0.1	59.4	7.41
Greece	3	30/7/20	0.11	46.5	7.17
Greece	4	31/7/20	0.13	60.1	12.04
Greece	5	1/8/20	0.18	56.8	17.35
Greece	6	2/8/20	0.27	56.8	20.02
Greece	7	3/8/20	0.34	51.6	21.65
Greece	8	4/8/20	0.34	51.6	21.19
Greece	9	5/8/20	0.39	51.6	16.56
Greece	10	6/8/20	0.38	51.6	18.06
Tunisia	1	25/9/22	0.47	N/A	29.23
Tunisia	2	16/10/22	0.62	N/A	24.41
Tunisia	3	12/11/22	0.4	N/A	11.52