Supplementary

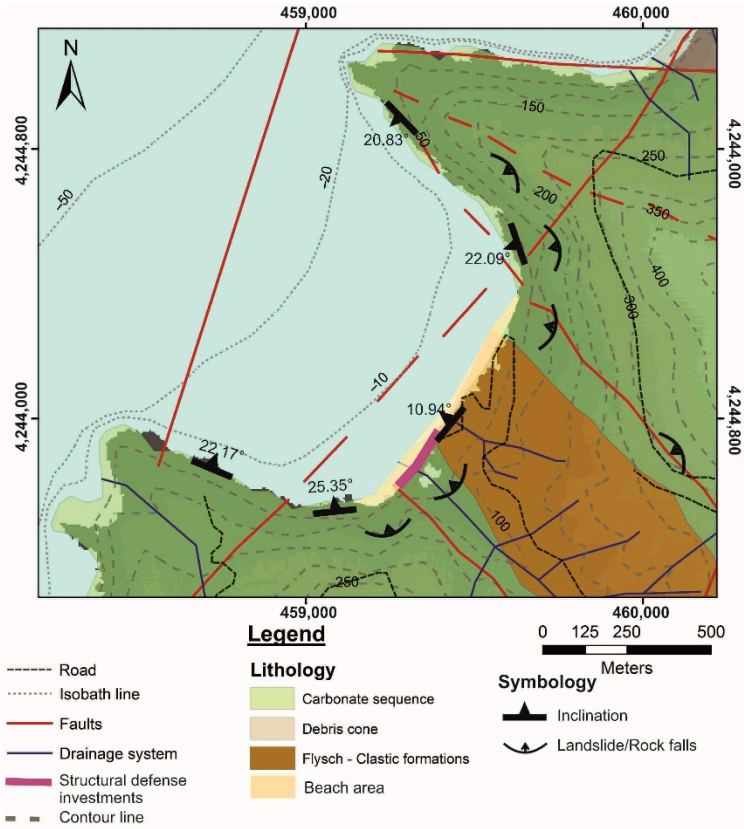
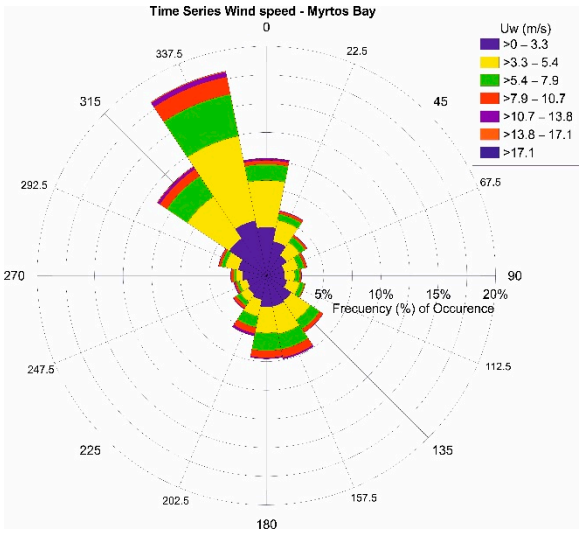
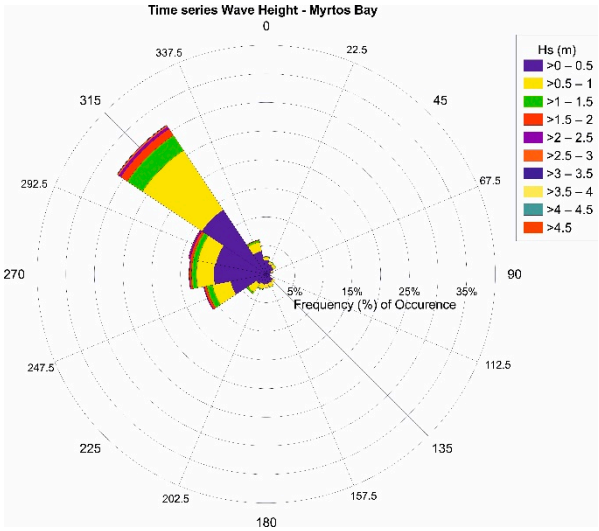


Figure S1. Lithological and geomorphological map of the study area. Geology based on geological map of Greece (1:50,000), Cephalonia Island (northern part), Institute of Geology and Mineral Exploration.



(**a**)



(**b**)

Figure S2. (**a**) Wind and (**b**) wave rose diagram for the study area from1995 to 2004.

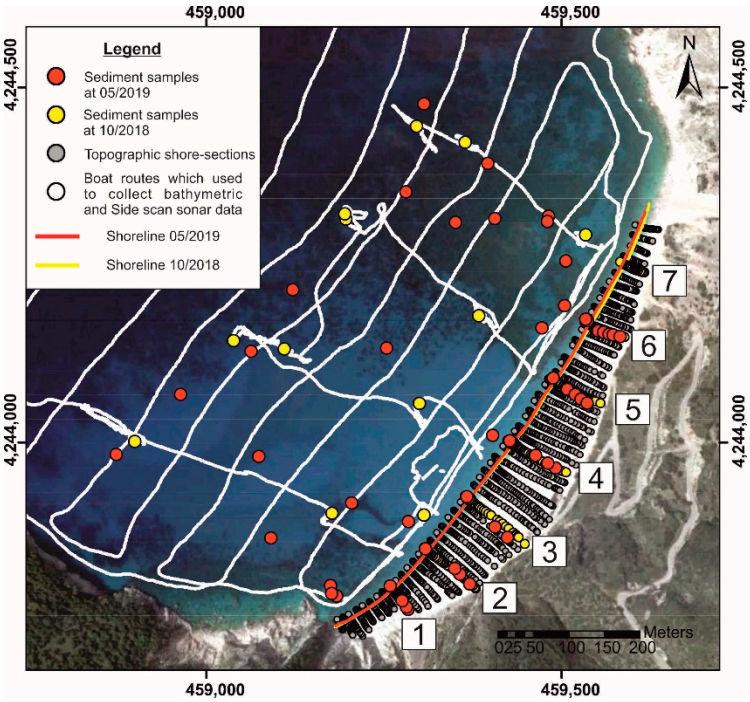


Figure S3. Field survey that was carried out during 10/2018 and 05/2019.

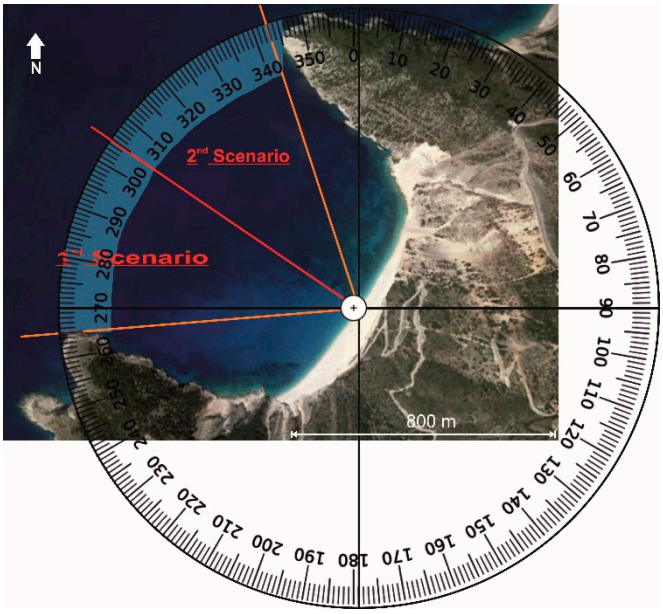


Figure S4. The direction of Myrtos Bay ranges between 265° and 343°, whereas the orientation of the coastline is 304°; the two representative scenarios that contribute to the sediment transport from one side to the other and in the opposite direction are scenario 1: 264–304° and scenario 2: 305–343°.