



Plankton Biodiversity in the Mediterranean Sea

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

The Mediterranean Sea is a semienclosed marine biodiversity hotspot, and of the mature biomes, it is probably one of the most sensitive to global warming; it is also particularly susceptible to biological invasions. In addition to the potential for species influx through the Straits of Gibraltar, the construction of the Suez Canal has led to the introduction of a number of tropical and subtropical species from the Red Sea. In general, plankton distribution is strongly influenced by hydrological features and water mass advection. Hydrographic dynamics also influence the probability of establishment and population dynamics of newcomers...

In this volume, topics related to ecology and plankton diversity will be presented, including integrative taxonomy (genetical and morphological approach), which can ensure the consistent discrimination of species—even closely related, cryptic, and rare species—as well as the discovery of new species...

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