

Special issue

Estuarine, Coastal and Shelf Science

Marine biodiversity under the effect of global change: positive and negative feedbacks; opportunity and risk.

Marine biodiversity underlies a large number of ecosystem services essential for human socio-economic texture. Currently due to climate change, commercial exploitation, social differences and demographic concentration in coastal areas; biodiversity is subjected to a series of stresses to which it will have to adapt with important consequences for the maintenance of the supported ecosystem services. To mitigate and reduce the impacts on marine-coastal biodiversity and to seize any opportunities related to the response of biodiversity to global change, multi- and interdisciplinary studies are essential.

The objective of this special issue is to collect innovative studies on the impact of environmental, climatic, social and economic forcing on marine-coastal biodiversity relating to the determination of their consequences on the involved ecosystem services.