Marine Biodiversity and Evolution (MBE)

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Grup de Recerca de la Generalitat de Catalunya

The main objective of the research group is to study the biodiversity of marine organisms and the evolutionary processes that generate it. Our lines of research cover a wide range of topics, from ecology and anthropogenic impact to aspects related to systematics, connectivity, conservation, genomics and adaptation, in keystone or invasive species globally, but with special attention to biodiversity hotspots.

Our research aims at addressing scientific and societal challenges regarding marine biodiversity and evolution such as: 1) increase the knowledge on systematics of poorly known groups and habitats, 2) study population connectivity in keystone species, 3) understand the adaptation capacity of native and invasive organisms, 4) monitor the colonization process of endangered species, and 5) analyse how species and communities will face and behave in front of perturbations of their environment in the current scenario of global change.

