

## Biography

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I am a researcher at the Institute of Marine Science (ICM–CSIC) (Barcelona, Spain). I am interested at advancing our knowledge about marine ecosystems, mainly trying to understand patterns and processes that characterize marine ecosystems and, in particular, changes of, and threats to, marine biodiversity and ecosystem services. I study community and food-web dynamics linked with human activities (such as fisheries, climate change, eutrophication, and invasive species), and how these translate into changes in ecosystem structure and functioning, and services that humans obtain from the ocean. I develop and apply a variety of ecological analyses based on ecosystem modelling techniques and statistical tools, and I use historical data, fisheries statistics, experimental results and field data sets.