

Campus do Mar International Science Conference 2016

Special issue in Journal of Marine Systems

Title: Ocean sustainability challenges: marine resources and global change

Short title: Ocean sustainability

Guest Editors: Henrique Queiroga and Edna Cabecinha

Scope of the special issue:

There is a growing perception by different levels of contemporary society of the importance of ocean sustainability in crucial areas for human wellbeing, namely in the environmental, economic and social dimensions. Scientific evidence indicates that ocean ecosystems are changing in complex ways as a result of multiple pressures: fishing, exploitation of energy and mineral resources, pollution, land reclamation, climate change. To forecast these changes, and provide alternatives that do not compromise ecosystem functioning, we need to better understand coastal and oceanic process and the impacts of the different drivers on the capacity of our oceans to provide valuable ecosystem services. The Special issue on **Ocean sustainability: marine resources and global change** will accept CdM ISC 2016 contributions that look at these problems. We welcome contributions focusing on: i) **Ocean Observation and Global Change**, including the description of oceanic process and trends; protocols and early-warning systems to detect environmental contaminants; biogeochemistry, primary production and secondary production; organismic and population impacts of climate change; and ii) **Sustainable Use of Marine Resources**, including projected responses of marine resources to environmental change and how to account for uncertainty; developments on alternatives to mitigate impacts of marine resource exploitation. Given that JMS does not publish papers on social science or economics, acceptable manuscripts must be based on natural science-motivated hypotheses.

Submission procedure: manuscripts must be submitted through the EVISE® system, available at www.elsevier.com, and choosing the Journal of Marine Systems.

Article type name: "SI: Ocean sustainability"

Timeline:

First submission: January 16, 2017

Submission deadline: April 15, 2017

Acceptance deadline: October 31, 2017

Expected publication date: December 31, 2017