



Marine Sediments and Marine Environments

Guest Editors:

Dr. Nieves Lopez-Gonzalez

Instituto Español de
Oceanografía (IEO), C.O. Málaga,
29640 Fuengirola, Málaga, Spain
nieves.lopez@ieo.es

Dr. David Casas

Geological Survey of Spain
(IGME), 28760 Madrid, Spain
d.casas@igme.es

Deadline for manuscript
submissions:

closed (1 May 2019)

Message from the Guest Editors

Dear Colleagues,

This Special Issue is to publish recent challenges achieved in the studies of marine sediments and marine environments as well as modelling deposits and their related processes. The main subjects are:

- Sediments and sedimentary processes in the continental margin.
- Late Pleistocene-Holocene marine records of different marine environments.
- Factors controlling marine sediments deposition and depositional environments.
- Facies analysis in recent marine environments.
- Mapping of marine sedimentary environments and related processes.
- Physical properties to characterize marine environments.
- Geochemistry of the sedimentary record as key features for interpreting marine environments.
- Numerical modelling in sedimentology applied to marine sedimentary environments.
- Sedimentary record of singular marine environments as mud volcanoes, pockmarks, carbonate mounds, seamounts, canyons, etc.
- Response of marine environments to climate change: sedimentary facies and depositional systems.



mdpi.com/si/15231

Dr. Nieves Lopez-Gonzalez

Dr. David Casas

Guest Editors

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Jesus Martinez-Frias

Instituto de Geociencias, IGEO
(CSIC-UCM), C/ Del Doctor Severo
Ochoa 7, Edificio
Entrepabellones 7 y 8, 28040
Madrid, Spain

Message from the Editor-in-Chief

Understanding the Earth's origin and its bio-geological evolution, the multiple implications of the geosciences (as a coherent set of interconnected disciplines), and the sociocultural and ethical interdisciplinary approaches, will be crucial for a better understanding of Nature, and also for undertaking scientifically based political decisions.

We are committed to drive *Geosciences* to a position in which it is recognized for its high-quality, cutting-edge research and scientific influence, and strongly encourage and invite your participation and manuscripts.

Author Benefits

Open Access:— free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [ESCI \(Web of Science\)](#), [GeoRef](#), [Astrophysics Data System](#), and [other databases](#).

Journal Rank: [CiteScore](#) - Q1 (General *Earth and Planetary Sciences*)

Contact Us

Geosciences
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/geosciences
geosciences@mdpi.com
[@Geosciences_OA](https://twitter.com/Geosciences_OA)