

Special Issue

Tectono-Sedimentary Evolution of Cenozoic Basins

Message from the Guest Editor

The study of the tectono-sedimentary evolution of basins is a capital topic with many scientific and economic derivations, developed in the last several decades. For this purpose, this Special Issue, dedicated to the “Tectono-Sedimentary Evolution of Cenozoic Basins”, seeks to improve the general knowledge of the tectono-sedimentary formation and evolution patterns of Cenozoic sedimentary basins by adding the study of the generating and articulating structures of the basin development together with classical sedimentary basin studies. Proposals can be focused on stratigraphic, sedimentological, petrographic, mineralogical, geochemical, tectonic data, and geophysical interpretations. The use of 2D and 3D models, corrections through balancing of geological sections, compaction corrections by mean of backstripping, as well as numerical statistical interpolations—all with the help of specialized basin software—are welcome. The papers published in this Special Issue could contribute to clarifying and updating the state of knowledge about this capital theme.

Guest Editor

Dr. Manuel Martín-Martín

Department of Earth and Environmental Sciences, University of Alicante, 03690 Alicante, Spain

Deadline for manuscript submissions

closed (15 December 2020)



Geosciences

an Open Access Journal
by MDPI

Impact Factor 2.1
CiteScore 5.1



mdpi.com/si/39573

Geosciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
geosciences@mdpi.com

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





Geosciences

an Open Access Journal
by MDPI

Impact Factor 2.1
CiteScore 5.1



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



About the Journal

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.

Editor-in-Chief

Prof. Dr. Alberto G. Fairén

1. Centro de Astrobiología, CSIC-INTA, Madrid, Spain
2. Department of Astronomy, Cornell University, Ithaca, NY, USA

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)