



Tectono-Sedimentary Evolution of Cenozoic Basins

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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.





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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.

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