Special Issue

Insights into Seismotectonics of the Mediterranean Region: Latest Advances and New Challenges

Message from the Guest Editors

The Mediterranean region is characterized by complex tectonics due to the interaction of three main plates and a number of small sub-plates and crustal blocks. Despite being one of the most studied regions of the world, there is not enough knowledge available to explain some of the mechanisms of deformation that affect it. In this region, different geodynamic processes such as subduction, continent–continent collision, lithospheric delamination, back-arc extension, continental transform faulting and active continental crustal spreading, have occurred at least once in the last 50 Myr. Studies carried out in recent decades have collected a huge quantity of data (e.g., seismological catalogs, tomographic models, geomorphology, geophysical studies, etc.) providing significant information on ongoing geodynamic processes. This Special Issue aims to collect papers on these topics with the goal of advancing the knowledge on Mediterranean seismotectonics, both at regional and local scales, and sharing multidisciplinary and interdisciplinary studies that could also be used in other interesting areas.

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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