



## Seismotectonics, Active Deformation, and Structure of the Crust

Guest Editors:

**Prof. Ioannis Kassaras**

Department of Geology and  
Geoenvironment, National and  
Kapodistrian University of  
Athens, 157 72 Athens, Greece

**Dr. Athanassios Ganas**

Geodynamics Institute, National  
Observatory of Athens, 118 10  
Athens, Greece

**Dr. Paolo Pace**

1. Engineering and Geology  
Department, 'G. d'Annunzio'  
University of Chieti-Pescara,  
Chieti, Italy  
2. PACE Geoscience, Chieti, Italy

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submissions:

**closed (30 April 2021)**

### Message from the Guest Editors

Dear Colleagues,

Knowledge of seismotectonics, active deformation, and the structure of the Earth's crust is a key for the first order perception and assessment of the seismic hazard, and consequently the seismic risk, of an area. It is moreover essential for understanding the geodynamics and on-going surface processes (i.e., erosion, sedimentation, etc.), and for the exploration and management of georeservoirs for energy and waste. This book aims to reveal comprehensive images of shallow earthquake physics, active tectonics, crustal structures, and deformation, at continental, regional and local scales. The implementation of modern theories, the introduction of innovative methods, the application of cutting-edge computational and mapping tools to longstanding problems in tectonics and seismology, and the presentation of comprehensive data analyses representing various geodynamic regimes are welcome.





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### 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.

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Geosciences Editorial Office  
MDPI, Grosspeteranlage 5  
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