



Evolution of Crustal-Scale Shear-Zones

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Deadline for manuscript
submissions:

15 May 2021

Message from the Guest Editors

Dear Colleagues,

It is our pleasure to announce that we have agreed to assemble a Special Issue focussing on the evolution of crustal-scale shear zones (CSSZs). CSSZs often exhibit a complex variety of fault-rocks and related structures that record changes in deformation mechanisms during progressive deformation, and/or deformation during exhumation. CSSZs and the structures associated with them play a crucial role in the development of orogenic belts.

In this Special Issue, we would like to encourage the submission of scientific papers focussing on the study of plastic- and/or brittle-related crustal-scale shear-zones, with particular reference to those characterised by a transition from plastic- to frictional-deformation behaviour. Multiscale structural investigation, supported by the analysis of physical conditions during deformation, represents a fundamental tool to unravel the geodynamic evolution of many ancient and currently active plate boundaries where significant amounts of deformation have accumulated.





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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.

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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CiteScore 2019 (Scopus): **2.1**, which equals rank 79/187 (Q2) in the category 'General Earth and Planetary Sciences'.

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