

Special Issue

Geology of the Early Earth – Geodynamic Constraints from Cratons

Message from the Guest Editor

This Special Issue of *Geosciences* will focus on the early Earth, and specifically on contributions that can improve our understanding of the geodynamic processes that operated during the Archaean Eon (4000 to 2500 Ma). Currently, it is debated when and how modern-style plate tectonics was initiated, as well as by what mechanism the cratons formed. Thus, we are interested in a wide range of papers that address the above problems from several different perspectives, and by employing various methods ranging from geophysical, numerical, experimental, petrological, and geochemical studies. We also welcome field-based studies that can provide first-order constraints, upon which our models should always be based. Researchers are encouraged to submit their most recent work which can contribute to new insights about the early Earth.

Guest Editor

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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. John C. Eichelberger

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