

Special Issue

Editorial Board Members' Collection Series: “Sedimentology and Stratigraphy”

Message from the Guest Editors

This Special Issue seeks to provide a comprehensive overview of the main advances in the field of sedimentology and stratigraphy. Sedimentology analyses the processes of formation, transport, deposition, and diagenesis of sediments and sedimentary rocks. Stratigraphy, based on the use of stratigraphic principles, explores how sediments and sedimentary rocks are accumulated in the diverse sedimentary environments widespread from marine environments to continental areas. Consequently, sedimentary rocks are recorders of the Earth's ancient surface and its related evolution through space and time. The main aims of the Special Issue will consist of bringing together research that studies sedimentological and stratigraphic data using advanced techniques, methods, and models with the goal of discussing wider contemporary implications. The Special Issue will cover topics concerning facies analysis, the processes of fluid transport, and petroleum geology, and links between erosion, deposition, climate, and tectonics.

Guest Editors

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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.

Editor-in-Chief

Prof. Dr. John C. Eichelberger

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