

Special Issue

Rainfall-Runoff Models in the Mediterranean Area

Message from the Guest Editor

This Special Issue of *Geosciences* focuses on recent advances and applications of rainfall-runoff models in the Mediterranean area. Rainfall-runoff modelling in this region, which is anticipated to face increased challenges due to climate change and is considered a biodiversity hotspot, is particularly interesting and important. The diverse geographical and topographical features (plains, high mountains, long coastal lines, islands, etc.) and climate conditions of the region result in a wide range of characteristics of Mediterranean watersheds. The unique Mediterranean-type ecosystems and several crops with distinctive Mediterranean features are highly affected by changes in the hydrological regime. Furthermore, in many parts of the region, socio-economic conditions and anthropogenic pressures significantly affect factors related to hydrological processes (e.g. land use changes, urbanisation, agricultural intensification, deforestation, tourism) that may have consequent effects on water availability and quality.

Guest Editor

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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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