

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

Dr. Dimitris Tigkas

Laboratory of Reclamation Works and Water Resources Management,
National Technical University of Athens, Iroon Polytechniou 9, 15780
Athens, Greece

Deadline for manuscript submissions

closed (31 May 2019)



Geosciences

an Open Access Journal
by MDPI

Impact Factor 2.1
CiteScore 5.1



mdpi.com/si/20396

Geosciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
geosciences@mdpi.com

[mdpi.com/journal/
geosciences](https://mdpi.com/journal/geosciences)





Geosciences

an Open Access Journal
by MDPI

Impact Factor 2.1
CiteScore 5.1



[mdpi.com/journal/
geosciences](https://mdpi.com/journal/geosciences)



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

Alaska Center for Energy and Power, University of Alaska Fairbanks,
Fairbanks, AK, USA

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, ESCI (Web of Science), GeoRef, Astrophysics Data System, and other databases.

Journal Rank:

CiteScore - Q1 (General Earth and Planetary Sciences)