Special Issue

Postfire Runoff and Erosion in Forests: Assessment and Management

Message from the Guest Editors

Fire can alter many physical, chemical, biological, and hydrological properties of soils. For example, organic matter, bulk density and aggregate stability are considered to be the most common characteristics of soils that are affected by forest fires. Moreover, changes in soil properties induced by fire can alter the hydrological variables of soils such as runoff and erosion. Anthropogenic activities in forests can also alter the ecosystem's characteristics, leading to noticeable changes in soil properties and erodibility.This Special Issue aims to collect the latest developments and applications of both basic and applied research in forest hydrology and soil management. Research can focus, though not exclusively, on soil properties, runoff, soil loss, surface erosion, soil detachment capacity, rill detachment capacity, rill erosion, hydraulic parameters, shallow flow, surface burning, rainfall runoff, slope stability, tree and plant species, anthropogenic activities in forests, and soil erosion processes in forestlands with special attention being paid to the hydrological response of different forms of forest management and soil conservation.

Guest Editors

Dr. Misagh Parhizkar

1. Rice Research Institute of Iran, Agricultural Research Education and Extension Organization (AREEO), Rasht, Iran
2. Agraria Department, Mediterranean University of Reggio Calabria, Loc. Feo di Vito, I-89122 Reggio Calabria, Italy

Dr. Pietro Denisi

Agraria Department, Mediterranean University of Reggio Calabria, Loc. Feo di Vito, I-89122 Reggio Calabria, Italy

Deadline for manuscript submissions

31 October 2025

Forests

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 4.6

mdpi.com/si/233536

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

mdpi.com/journal/forests

Forests

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 4.6

mdpi.com/journal/forests

MDPI

About the Journal

Message from the Editor-in-Chief

Forests (ISSN 1999-4907) is an international and cross-disciplinary, scholarly forestry journal. The distinguished editorial board and refereeing process ensures the highest degree of scientific rigor and review of all published articles. Original research articles and timely reviews are released online, with unlimited free access. Our goal is to have *Forests* be recognized as one of the foremost publication outlets for high quality, leading edge research in this broad and diverse field. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global forestry community.

Editor-in-Chief

Prof. Dr. Giacomo Alessandro Gerosa
Department of Mathematics and Physics, Catholic University of Brescia, I-25121 Brescia, Italy

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, PubAg, AGRIS, PaperChem, and other databases.

Journal Rank:

JCR - Q2 (Forestry) / CiteScore - Q1 (Forestry)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.1 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).