

Special Issue

Wildfires Hazards

Message from the Guest Editors

The studies that seek to understand the dynamics that surrounds wildfires and the environment are increasingly relevant. This concern undertaken by society is having as a beneficial consequence the development of more efficient tools that contribute to the understanding and management of this problem. Thus, the present Special Issue of *Geosciences* intends to outline different approaches regarding the wildfire hazards, showing different perspectives and challenges we face in the 21st Century, since understanding the dynamics of wildfires is essential in assessing the impacts generated by fire in many ecosystems (Bento-Gonçalves et al., 2012). This Special Issue aims to cover, without being limited to, the following areas:

- Wildfire hazards;
- Wildfire analysis based on remote sensing data, GIS, GPS, etc.;
- Wildfire risk management;
- Wildfire causes (physical and human);
- Wildfire impacts (on vegetation, soil, water, atmosphere, etc.);
- Wildfires in wildland–urban interface (WUI);
- Mega fires;
- Wildfires and global changes.

Guest Editors

Dr. António Bento-Gonçalves

Communication and Society Research Centre, Department of Geography, Institute of Social Sciences, University of Minho, 4800-058 Guimarães, Portugal

Dr. António Vieira

Department of Geography, University of Minho, Campus de Azurém, 4810-058 Guimarães, Portugal

Deadline for manuscript submissions

closed (31 May 2020)



Geosciences

an Open Access Journal
by MDPI

Impact Factor 2.1
CiteScore 5.1



mdpi.com/si/26767

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)