



Wildfires Hazards

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Deadline for manuscript
submissions:

closed (31 May 2020)

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.





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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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