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.

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Message from the Editor-in-Chief

Land is the only open access journal covering all aspects of land science, and it is a pioneering platform for publishing on land system science. Our editorial board is comprised of eminent scholars. We publish high quality research on societally relevant, emerging and innovative topics and results in land system research. It is now one of the top land journals with a significant impact factor, and has a goal to become the best journal in land in the coming years. I strongly recommend Land for your best research publications for a fast dissemination of your research.

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