



Hydrology of Semi-Arid Regions, Natural Resources and their Sustainability

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Message from the Guest Editors

Dear Colleagues,

Semi-arid regions show high rainfall spatial and temporal variability and an aridity index between 0.2 and 0.5. These regions represent 15% of the total land area, and are home to 14% of the global population. Anthropogenic activities and climate change pose a challenge for extreme hydrologic events management, and inflict a continuous pressure on natural resources—soil degradation, erosion, salinity, and low soil organic carbon content—to attend the demand for goods and services, threatening the livelihoods of the population and causing migration.

This Special Issue aims to publish high-quality research papers on the interdisciplinary fields of hydrology, natural resources and sustainability to support decision making towards the provision of ecosystem services to improve livelihood in semi-arid regions.

Prof. Dr. Maria João Simas Guerreiro

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Guest Editors





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