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Fire in Savanna Landscapes

Guest Editor:

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Message from the Guest Editor

Fire is an omnipresent phenomenon in savanna environments, and the tropical savanna is the biome where most fire activity occurs worldwide. For a long time, bushfires were viewed with apprehension by the governing authorities and severely repressed, especially in colonized countries. They have thus been the subject of numerous regulations but also of control and management measures. The role of fire in savanna has also been studied for its impacts on vegetation, soils, and fauna at the scale of the ecosystem and that of the landscape. Studies have also attempted to show its contribution to the process of tropical forest degradation and even desertification.

One of the objectives of the Special Issue is to question all these new approaches. While some savanna regions such as Australia or Brazil have been the subject of such studies, they are still insufficient elsewhere and deserve to be better disseminated. However, more monographic approaches are still necessary to document burned areas and characterize their fire regimes in many savanna landscapes. This type of study is welcome, especially in poorly documented regions in proportion to the importance of the role played by fires.



