

Special Issue

Dynamics of the Global Savanna and Grassland Biomes

Message from the Guest Editors

Savanna and grassland biomes cover more of the earth's surface than any other biome type, and yet they are still largely understudied. In recent decades, global savanna and grassland ecosystems have become more prominent in the literature focused on global change dynamics. Savanna and grasslands represent unique biomes with their own challenges, both in terms of their study and in terms of their complexity, leading to many contradictory and often controversial findings. The global threats to these systems are potentially significant- from climate change impacts to human management challenges, from possible degradation to complete desertification, and looking across varied disturbance regime shifts. This Special Issue is intended for a wide and interdisciplinary audience, and covers recent advances in: - drivers of vegetation dynamics - further understanding carbon interactions in these critical landscapes - advances in modeling both current and future system states - tipping points in savanna systems - human-environment interactions and challenges for management - biodiversity and ecosystem services

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Deadline for manuscript submissions

closed (30 June 2020)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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