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# **Dynamics of the Global Savanna and Grassland Biomes**

Guest Editors:

## Prof. Jane Southworth

Department of Geography, University of Florida, Gainesville, FL, USA

#### Dr. Hannah Herrero

Department of Geography, University of Tennessee, Knoxville, TN, USA

Deadline for manuscript submissions: closed (30 June 2020)



**Message from the Guest Editors** 

Dear Colleagues,

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

**Clas**sue

- biodiversity and ecosystem services





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### **Editor-in-Chief**

#### Message from the Editor-in-Chief

**Prof. Dr. Giulio Nicola Cerullo** Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy 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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Applied Sciences Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/applsci applsci@mdpi.com X@Applsci