

## Special Issue

# Advanced Research of Perennial Grasses: Resilient Crops in a Multifunctional Agriculture

### Message from the Guest Editors

Agriculture is facing a wide range of challenges due mainly to climate change, rapid population growth and dietary habits, and emerging markets. In this context, the concept of multifunctional agriculture has emerged, as integrative strategies to increase the overall productivity of cropping systems. Perennial grasses (*Poaceae* or *Gramineae* family) have been identified as the most resilient crops to various abiotic stresses and the candidate feedstock for a number of different end-use applications. This Special Issue addresses advanced progress on perennial grasses as a source of food, feed, fiber, fuel and ecosystem services, with the main emphasis on cultural practices to improve production under varying stress conditions. Replicated experiments, whether in open field or in controlled environments should be performed at least twice (at least two years or two locations) to account for environmental variations and/or genotype  $\times$  environment interactions.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 July 2019)



## Agriculture

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## About the Journal

### Message from the Editor-in-Chief

*Agriculture* (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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