



Grass Traits for Ecosystem Service and Sustainability

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Message from the Guest Editor

Dear Colleagues,

Grasslands cover around 70% of the global agricultural land, of which temperate grasslands, both natural and from anthropogenic origins, are a major part. Their management in ways that are economically, environmentally, and culturally sustainable faces various and frequently conflicting external pressures that threaten their perpetuity. Perennial grasslands provide a habitat for vast and diverse biotic communities, shape much of our landscape, support fragile rural communities, and aid tourism, amenity, and leisure in many countries. Plant breeding, leading to the introduction of synthetic grass varieties, not only encompass traditional forage production for livestock agriculture but also to achieve further positive impacts in terms of the ecosystem service and economic and cultural sustainability. This Special Issue reviews some of the most important advances in grass trait selections for use in ecosystem service and the opportunities to acquire the range of benefits certain grass communities may provide to seek win-win scenarios and to note the various challenges that grasslands must resist in order to persist and achieve their full potential.





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