

## Special Issue

# Genetics and Management of Perennial Forage Crops

### Message from the Guest Editor

Dear Colleague,

Perennial grasslands as a global resource contain a huge range of species, which require adaptation to various challenging environmental and biotic factors. Perennial grasslands serve important ecosystems functions amongst providing species rich habitats and contributing positively to soil carbon balance. Grasslands can be improved by management and breeding better adapted, resistant and higher yielding varieties. Several grassland species are undomesticated and used as ecotypes without further improvement. Breeding programmes are lagging behind due to the huge range of species to be improved, challenging outsets like allogamy and if pollinators are required, a lack of genomic resources for many species. Suitable grassland management protocols need development in a changing climate and under changing use. We invite articles on defining traits for forage improvement, including complex genetic traits, forage genetic resources, the development of genomic resources and their application in molecular breeding, breeding strategies for grassland species, novel and improved forage management strategies and alternative uses of forage species.

Susanne Barth

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### Guest Editor

Dr. Susanne Barth

Crop Research Centre Oak Park, Teagasc, R93 XE12 Carlow, Ireland

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### Deadline for manuscript submissions

closed (30 April 2019)



## Agronomy

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*Agronomy*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[agronomy@mdpi.com](mailto:agronomy@mdpi.com)

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### Editor-in-Chief

Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture, Water and Environment Research,  
Charles Sturt University, Wagga Wagga, NSW 2678, Australia

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