



an Open Access Journal by MDPI

# Breeding Strategies for Improving Yield of Forage Crops and Energy Grasses

Guest Editors:

#### Dr. Michael D. Casler

USDA-ARS, U.S. Dairy Forage Research Center, Madison, WI, USA

#### Dr. E. Charles Brummer

University of California-Davis, Davis, CA, USA

Deadline for manuscript submissions: closed (31 August 2019)



### **Message from the Guest Editors**

Dear Colleagues,

Forage crops have been undergoing genetic improvement efforts for over 100 years, but little progress has been made to improve forage yield. During the past 10 years, more breeding efforts have been focused on developing methods and approaches to generate greater increases in forage vield. This Special Issue gathers forage breeders from around the world to publish several papers highlighting the current state of knowledge and developing novel concepts for future forage breeding efforts focused on genetic improvement in forage yield. It will include both review and original research papers, covering both traditional breeding approaches and the use of modern genomics-assisted breeding methods that have been fully incorporated into several breeding programs. Articles will be largely focused on forage crops, including temperate grasses, tropical grasses, and legumes, but will also include efforts to increase biomass yield of energy grasses. Articles that focus on either methodology or practical results are welcome, and the approaches to improve forage yield.

Dr. Michael D. Casler Dr. E. Charles Brummer *Guest Editor* 







an Open Access Journal by MDPI

## **Editor-in-Chief**

#### Prof. Dr. Peter Langridge

School of Agriculture, Food and Wine, University of Adelaide, Urrbrae, SA 5064, Australia

## Message from the Editor-in-Chief

Agronomy draws together researchers from diverse areas of agricultural research with a common aim of enhancing agricultural productivity globally. The journal provides unlimited free access to all those interested in advancing agricultural science from both the research and general community. Papers are released immediately after acceptance through the internet. Agronomy is supported by our authors and their institutes through low article processing charges (APC) for accepted papers. We hope you will support the journal by becoming one of our authors.

# **Author Benefits**

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions. **High Visibility:** indexed within Scopus, SCIE (Web of Science), PubAg, AGRIS, and other databases.

Journal Rank: JCR - Q1 (Agronomy) / CiteScore - Q1 (Agronomy and Crop Science)

## **Contact Us**

*Agronomy* Editorial Office MDPI, St. Alban-Anlage 66 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/agronomy agronomy@mdpi.com X@Agronomy\_Mdpi