

Special Issue

Grassland Ecosystems and Their Management

Message from the Guest Editor

Grasslands play indispensable roles in ensuring the production of livestock husbandry, curbing climate change, maintaining biodiversity, conserving water resources, and promoting the Sustainable Development Goals. However, most grassland ecosystems are distributed in arid areas with low precipitation and enhanced human management, making them fragile and vulnerable to climate change. Therefore, it is of great practical and historical significance to restore and manage grassland ecosystems in adaptive and sustainable ways. The establishment of artificial grasslands has been an effective strategy to ensure the balance of forage supplies and to make up for the low productivity in natural grasslands. This Special Issue focuses on a systematic and holistic investigation of artificial grassland studies with respect to theory, method, and application. It fits well into the enduring research scopes of ecology, botany, and microbiology, and the emerging scopes of grassland science. Contributions by experts in the field in the form of research papers or critical reviews are welcome.

Guest Editor

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Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, and conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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