Special Issue

Innovative Seed Enhancement Technologies

Message from the Guest Editors

Seed enhancement technologies (SETs) are being developed and applied to native plant species increasingly in order to alleviate barriers to plant establishment in ecological restoration. The application of innovative seed enhancement technologies in the restoration industry is still in its infancy, yet it has seen advancements in the agricultural and horticultural sectors. As almost 1 billion hectares of lands have been pledged for restoration globally under the UN Decade of Ecosystem Restoration, effective and successful seed-based restoration is of high importance. The adoption of SETs to meet the restoration targets of the coming decade requires progressive research efforts, knowledge and data sharing, collaboration and improvements to native seed use. Native or wild plant SETs and their application in ecological restoration are rapidly expanding areas of research. This Special Issue aims to provide the latest research on various new tools, developments, approaches and applications of innovative seed enhancement technologies from the perspective of native plant restoration.

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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, 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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