



seeds

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Seed Germination Techniques in Halophyte Plants

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Message from the Guest Editors

Dear Colleague,

There is a significant amount of variation in how halophytes respond to increasing levels of salinity and other environmental factors during germination. The available information on the germination of halophytic seeds is still incomplete. Of the approximately 2500 – 3000 reported species, data are only sporadically available for a few hundred species. Various factors, such as salinity, temperature, light, habit, life form, habitat, and water, play roles in determining the germination responses of halophytic seeds. It would be intriguing to identify any germination patterns that may exist due to these factors. Moreover, numerous research investigations have indicated that the seeds of numerous halophyte species exhibit dormancy when subjected to low water potential.

This Special Issue is dedicated to the publication of research works and/or reviews that explore the physiological, biochemical, and molecular changes that take place during the germination of halophyte seeds, with a particular focus on the utilization of omics and metabolomics approaches.



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Special Issue