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Plant Morphological and Anatomical Traits to Withstand Environmental Stress

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Message from the Guest Editor

Plants develop a great variety and diversity of adaptive traits to cope with different stresses, including abiotic (e.g., drought, cold, nutrient availability) and biotic (e.g., insect defoliation, fungus) environmental stresses. Some of these traits can be plastic responses that plants can change in accordance with changes in the intensity of the stress, but some others are the result of a long-term adaptation to the environmental conditions where the species have evolved. Understanding the plant responses to a particular stress is of paramount importance in the conservation of species and the related ecosystem services within a global change context. This Special Issue aims to focus on the morphological and anatomical plant traits, their role in withstanding environmental stresses and their interaction with other factors.

Potential topics include, but are not limited to, the following:

- Short- and long-term responses to a particular stress;
- Plant response at different stages;
- Interaction between morphological, anatomical and physiological traits;
- Comparison of traits across habitats;
- Plant trait evolution.

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