

# Special Issue

## Evolution of Plant Functional Traits Response to Global Change

### Message from the Guest Editor

This Special Issue is focused on how the responses of plant functional traits to environmental factors related to global change evolve. The genetic basis, the role of phenotypic plasticity versus evolution, coordinated evolution of traits, and intraspecific trait variation will be core topics. Research articles may focus on the variation of traits along environmental gradients, their adaptive value and the mechanisms behind this variation; the seasonal or developmental plasticity of traits and its role for evolution; trade-offs, trait–trait coordination and decoupled responses at the organ and whole-plant levels (including mycorrhizal systems), with particular reference to plant hydraulics, and leaf and root morphology–anatomy–physiology–stoichiometry; intraspecific trait variation at different spatial scales or due to ontogeny and phenology. Studies on the evolution of the dispersal and sprouting of traits in response to habitat fragmentation and disturbance regimes—on the relevance of local adaptation and acclimatization versus species migration for plants facing climate change, and on paleoecological evidences—are also welcome.

### Guest Editor

Prof. Dr. Hermann Heilmeyer

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### Deadline for manuscript submissions

closed (20 March 2021)



## Forests

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### Message from the Editor-in-Chief

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### Editor-in-Chief

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