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Improvement of Forest Ecosystem Service in Karst Desertification Control

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Message from the Guest Editors

In the past 20 years, karst desertification control has achieved remarkable results. On the one hand, ecological forests and agroforestry have been developed on a large scale in karst desertification control. However, there is a lack of systematic research on vulnerability and resilience, structure and stability, ecological asset and service, carrying capacity and ecological security, and service tradeoff/synergy and optimization in the controlled ecosystem. On the other hand, there is a lack of research on the ecological processes of newly established forests in improving ecosystem functions and services. Therefore, this Special Issue will publish articles that provide new perspectives and discoveries on the above issues.

Potential topics include, but are not limited to:

- Improvement mechanism of ecosystem structure, function, and service.
- The mechanism of ecosystem service tradeoff/synergy and function optimization.
- Optimization model of ecosystem function and improvement path of eco-product supply.
- The role of functional traits in the maintenance of ecological function and service.
- Social–ecological response for afforestation in the karst desertification control.

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Special Issue

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