



Ecological Functions of Bamboo Forests: Research and Application

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Deadline for manuscript
submissions:

closed (31 March 2024)

Message from the Guest Editors

Bamboo is an important forest resource in subtropical and tropical regions. Due to biological characteristics and growth habits, bamboo not only brings economic benefits but also has enormous potential for alleviating many environmental problems. Environmental changes have threatened bamboo ecosystems, but the determinant factors of responses, functions, and managements remain unclear.

In this Special Issue, we welcome articles that address how bamboo responds to environmental changes, as well as articles that address strategies to improve the ecological function of bamboo forests or reduce the negative impacts of management activities.

Potential topics include, but are not limited to:

- Carbon (C), nitrogen (N) and phosphorus (P) cycles in bamboo ecosystems;
- Microbial community and functions in bamboo forests;
- Response of bamboo physiology and development to environmental changes;
- Bamboo for phytoremediation;
- Bamboo carbon sequestration;
- Silviculture of bamboo forests;
- Bamboo forest ecological recreation function.





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Message from the Editor-in-Chief

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