

## Special Issue

# Ecological Functions of Bamboo Forests: Research and Application

### 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.

### Guest Editors

Dr. Xiaoping Zhang

China National Bamboo Research Center, Hangzhou 310012, China

Dr. Zhanchao Cheng

International Center for Bamboo and Rattan, Beijing 100102, China

### Deadline for manuscript submissions

closed (31 March 2024)



## Forests

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*Forests*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[forests@mdpi.com](mailto:forests@mdpi.com)

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### Editor-in-Chief

Prof. Dr. Giacomo Alessandro Gerosa

Department of Mathematics and Physics, Catholic University of Brescia,  
I-25121 Brescia, Italy

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