

## Special Issue

# Adaptation of Trees to Abiotic Stress Induced by Environmental Change

### Message from the Guest Editors

Environmental changes in the Anthropocene, primarily climate and pollutants, have affected the tree growth, survival, and stability of forest ecosystems. Stress climate (drought and heat) has been observed in deriving the increasing forest mortality in all forested biomes. In addition, tree species also suffer from pollutants, especially soil- and water-derived heavy metals. Elucidating the mechanisms of tree adaptive responses in molecules, physiology, and ecology are crucial in tree defending stress. This Special Issue aims to provide selected contributions on advances in tree conservation, forest sustainability, and environmental restoration. Potential topics include, but are not limited to:

- Mechanisms of trees adaptation to drought, flooding, heat, and (or) cold stress;
- Mechanisms of trees adaptation to heavy metal stress;
- Mechanisms in drought-induced tree mortality;
- Tree resilience to extreme climate events.

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### Guest Editors

Prof. Dr. Sheng Zhang

College of Life Sciences, Sichuan University, Chengdu 610041, China

Dr. Tingfa Dong

College of Life Sciences, China West Normal University, Nanchong 637001, China

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### Deadline for manuscript submissions

closed (19 October 2022)



## Forests

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*Forests*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
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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