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Pest Outbreak Management in Forests under Ambient Change

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closed (20 November 2021)

Message from the Guest Editors

Dear Colleagues,

In recent years, insect outbreaks have changed profoundly; this is due to ambient changes mostly attributed to climate, which influence physiological modifications in tree defences or the abundance of pests and their natural enemies and competitors. It is not only climate change that can explain unusual events like unexpected outbreaks of previously benign pests. Unusual behaviour of natural enemies or multilevel interactions between different organisms associated with forest pests have been reported as well. It is of great importance to learn from such events to better understand why these unexpected behaviours really occur and how they can be applied in pest management. Exchange of scientific evidence is therefore urgently needed.

We encourage the contribution of studies from all fields, including experimental studies, monitoring approaches, and models, to this Special Issue in order to promote knowledge for future pest management and strategies aimed at stabilizing forest ecosystems.



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Special Issue



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