Special Issue

Biological Control of Forest Pests: Patterns, Mechanisms, and Prospects

Message from the Guest Editors

Biological control, as one of the important means to control forest pest damage, is a technology that uses entomopathogenic microorganisms, natural enemies or other biological metabolites to prevent and control the occurrence of pests and reduce the degree of damage. Pathogenic fungus, pathogenic bacteria, parasitic wasps and other beneficial organisms can all be used to prevent and control forest pests to varying degrees. Currently, functional genomics technologies are becoming more mature, and many new natural enemies are being discovered, all of which are expected to be applied in the biological control of forest pests. Therefore, the research on biological control models, mechanisms and prospects of forestry pests can provide key theoretical support for practical production applications and new methods for the biological control of forestry pests. Potential topics include, but are not limited to:

- Forest pest biological control models;
- Molecular pathogenesis of forest pests;
- Prospects for biological control of forest pests;
- Different models of biological control of forest pests;
- Biological control of forest pests by genetic means.

Guest Editors

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Forests (ISSN 1999-4907) is an international and cross-disciplinary, scholarly forestry journal. The distinguished editorial board and refereeing process ensures the highest degree of scientific rigor and review of all published articles. Original research articles and timely reviews are released online, with unlimited free access. Our goal is to have *Forests* be recognized as one of the foremost publication outlets for high quality, leading edge research in this broad and diverse field. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global forestry community.

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