

Special Issue

Long-Term and Seasonal Population Dynamics of Forest Insects at Climate Change

Message from the Guest Editors

Phenological asynchrony between host trees, and herbivorous and entomophagous insects, may be of great importance in changing the dynamics of populations. These changes may depend on the biology of individual species (sites of hibernation, the presence of obligate or facultative diapause, and the ability to increase the number of generations). Changes in the seasonal dynamics of species may also affect the long-term dynamics of their outbreaks and the injuriousness of certain pests. This SI welcomes novel research focused on various aspects of phytophagous insect interaction with the forest environment, host trees, entomophagous insects, and other components of the forest ecosystem, which increase or decrease the probability of outbreaks, the frequency, duration, and intensity of these outbreaks, and the change in the role of individual species in complexes. Potential topics of interest include, but are not limited to:

- Phenological resistance of trees to phytophagous insects;
- Phenological asynchrony between host trees, herbivorous and entomophagous insects, and vectors of pathogens;
- Probability, frequency, duration, and severity of forest insect outbreaks in new climate.

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Message from the Editor-in-Chief

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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