

Special Issue

Applied Chemical Ecology of Forest Insects

Message from the Guest Editors

In terms of impacts and numbers of species and individuals, insects are an important natural component of forest ecosystems. Forest insects not only have a strong impact on tree growth and reproduction, but also interact closely with other animals and plants in forest ecosystems. Chemical ecology is the study of chemically mediated intra- and interspecific interactions and, consequently, has immense potential to provide biorational pest management tactics. Semiochemicals of many forest insects, including pheromones, allomones, kairomones, and synomones, have been identified, synthesized and incorporated into IPM programs against economically and ecologically important forest insect pests. This Special Issue on “Applied Chemical Ecology of Forest Insects” welcomes original research articles and reviews on the recent progress of semiochemical biology/ecology, chemical identification/synthesis and the application of synthetic semiochemicals in pest management (including monitoring, mass-trapping, mating disruption, attract-kill and push-pull) of important native and invasive forest insect pests.

Guest Editors

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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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