

Special Issue

The Impact of Neonicotinoid Insecticides on Non-Target Insects and Mites

Message from the Guest Editor

Neonicotinoids are the world's most popular and widely used insecticides. Due to their systemic mode of action and high persistence in the environment, they pose a risk to wildlife and human health that is increasingly being recognized as critical. Among the many risks that neonicotinoids pose are their lethal and sub-lethal impacts on non-target insects and mites, which negatively affect biological control, pollination and biodiversity. Research identifying and characterizing the sub-lethal impacts of neonicotinoid insecticides is vitally important and a requisite for fully understanding the depth and breadth of the problem. In this topical collection, we welcome contributions that investigate the lethal and sub-lethal impacts of neonicotinoid insecticides on non-target insects and mites, particularly those that support biological control and pollination, but also those that investigate their impact on arthropod conservation and biodiversity.

Guest Editor

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