



insects



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Advances in Conservation Biocontrol of Beneficial Insects

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Message from the Guest Editor

Dear Colleagues,

Conservation biocontrol is essential in urban and agricultural landscapes to preserve beneficial insects that can suppress pest insect populations. Without beneficial insects, the reliance on conventional insecticides only increases, further reducing the ability of beneficial insects to suppress pests. Cumulative and sublethal pesticide exposure can impact beneficial insects by reducing reproduction and essential behaviors. In addition, pesticide use can cause cascading effects on nontarget species. A better understanding of the ways in which sublethal exposure alters insect immune systems, physiological stress, reproduction, and behavior is important. Urban landscapes, parks, and riparian areas offer habitats that can support predators, parasitoids, butterflies, and native bees when managed with decreased cosmetic use of pesticides.



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Special Issue