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Aspects of Honey Bee Colonies Losses

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Message from the Guest Editors

Managed honey bees can be exposed to various internal and external factors, including exposure to various pathogens, lack of diversity of food sources, and management problems. Bees in agriculture settings are exposed to a variety of stressors that act in isolation or, more often, in combination. Intensive further study is needed to deepen our understanding of the mechanisms and interactions that reduce individual honey bee or colony vitality. The presenting biology of colony health and the affected mechanisms caused by stress factors and their interactions are important objectives to be presented in this Special Issue of Diversity. Studies will focus on honey bees as individual or social organisms responding to a variety of pathogens causing American and European foulbroods, varroosis, mycosis, and other diseases. Factors such as environment stressors and honey bee colony management, including beekeeping practices as a factor in colonies' survival, are welcomed for publication. Attention will be also given to the effects of pesticides on bees and their survival.



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Special Issue



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Message from the Editor-in-Chief

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We invite papers and reviews on multidisciplinary topics of diversity that bridge organismic diversity (systematics, biodiversity, phylogeny, population genetics, and evolution) and molecular diversity (phytochemistry and biophysics).

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