



## Emerging Problems of Modern Beekeeping

Guest Editors:

**Dr. Małgorzata Bieńkowska**

Division of Apiculture, Research  
Institute of Horticulture in  
Skierniewice, Kazimierska 2A, 24-  
100 Puławy, Poland

**Dr. Anna Gajda**

Laboratory of Bee Diseases,  
Institute of Veterinary Medicine,  
Warsaw University of Life  
Sciences (SGGW),  
Nowoursynowska 159, 02-776  
Warsaw, Poland

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### Message from the Guest Editors

Beekeeping plays a key role in the development of rural areas, aids ecosystems with the pollination service and at the same time, contributes to an increase in agricultural production yields.

The manner of beekeeping has changed from extensive to intensive and specialized, oriented towards economic profits from both bee products and pollination. Increasingly, endemic bee populations are replaced with bee subspecies that exhibit traits desired for production. Food competition is increasing, and with the high profitability of beekeeping production from monocultural forages, bees are not only faced with a scarcity of food, but their diet is also not diverse enough. In relation to climate change, as well as the presence of many pathogens that threaten bee health, the immunity and vitality of these insects are significantly reduced and the quality of bee products decreases.

In consequence, increased bee colony losses have been observed and this phenomenon becomes a real threat to global agriculture and, by extension, the economy.

In this Special Issue, we aim to present a broad outlook on the problems and threats to modern beekeeping, as well as ways of tackling them.





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### Prof. Dr. Les Copeland

Sydney Institute of Agriculture,  
School of Life and Environmental  
Sciences, The University of  
Sydney, Sydney, NSW 2006,  
Australia

## Message from the Editor-in-Chief

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Agriculture Editorial Office  
MDPI, St. Alban-Anlage 66  
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