

Special Issue

Emerging Problems of Modern Beekeeping

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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Deadline for manuscript submissions

closed (15 July 2021)



Agriculture

an Open Access Journal
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Impact Factor 3.6
CiteScore 6.3



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Agriculture (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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