

Special Issue

Apiculture: Challenges and Opportunities

Message from the Guest Editors

Apiculture plays a key role in sustainable agricultural production, as well as in the development of rural areas, and maybe most importantly, aids ecosystems with the pollination service. As beekeeping in general is constantly changing and evolving to more intensive and specialized, it faces more and more challenges. Climate change, as well as the presence of many emerging and re-emerging pathogens that threaten bee health, makes it very difficult for the beekeepers to keep their colonies in good health. Environmental pollution and agrochemical use are proven to harm bees, so new ways of mitigating this problems are needed. As beekeeping and bees in general become more popular, apicultural citizen science is growing to show amazing results of common effort. In this Special Issue, we aim to present a broad outlook on challenges and opportunities that modern apiculture faces.

Guest Editors

Dr. Anna Gajda

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

Dr. Dariusz Gerula

Research Institute of Horticulture, Skierniewice, Poland

Deadline for manuscript submissions

closed (20 March 2024)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/135176

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

mdpi.com/journal/

[applsci](https://doi.org/10.3390/applsci)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)