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Recent Advances in Bee Rearing and Production

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Deadline for manuscript submissions:

25 December 2024

Message from the Guest Editors

Despite historical advances, modern beekeeping faces numerous challenges. Factors such as habitat loss, pesticide exposure, climate change, and the proliferation of pests and diseases (notably *Varroa* mites) have contributed to a decline in bee populations. While modern challenges pose significant threats to bee populations, recent advances offer promising solutions. Through genetic research, innovative smart technologies, sustainable pest management, improved nutrition, conservation efforts, and community involvement, the future of beekeeping looks hopeful.

This Special Issue focuses on the current and emerging trends in the development of apiculture. By covering a broad spectrum of topics, it aims to provide valuable insights and practical solutions that can be applied to improve bee health, productivity, and sustainability. This Special Issue will include a broad range of interdisciplinary studies embracing agriculture, biology, genetics, numerical methods, chemistry, and engineering. All types of articles, such as original research, opinions, and reviews, are welcome.



mdpi.com/si/209720

Special Issue



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Australia

Message from the Editor-in-Chief

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