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Effects of Electromagnetic Fields on Ecological Systems

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Message from the Guest Editors

Anthropogenic activities, through interference with natural fields or the generation of artificial ones, largely contribute to the electromagnetic environment, but the understanding of its interactions with biological and ecological systems is still rudimentary. With the fast pace of technological advancements and the potential increasing influence on environmental electromagnetic fields, investigating their role on the structural and functional characteristics of ecological systems, as well as developing sustainable solutions to minimize the impacts, should be prioritized. This Special Issue, titled “Effects of Electromagnetic Fields on Ecological Systems”, aims to promote the advancement in our understanding of environmental electromagnetism by becoming a prominent platform for sharing novel findings, ideas, opinions and critical revisions of consolidated concepts in the field of environmental electromagnetism, with a special focus on the effects on organisms, populations, communities and ecosystems.



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