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Nature-Inspired Metaheuristic Algorithms

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Deadline for manuscript submissions: **31 July 2024**

Message from the Guest Editors

Nature-inspired metaheuristic algorithms have become indispensable in real-life applications as they can tackle complex optimization problems. Mimicking natural processes, such as evolution, swarm behavior, and ecological systems, these algorithms exhibit a remarkable capacity to find optimal solutions in diverse fields, ranging from engineering and logistics to finance and healthcare. Their adaptability and efficiency make them instrumental in addressing real-world challenges with a level of sophistication and robustness unmatched by traditional methods.

We invite researchers to contribute to our Special Issue on "Nature-Inspired Metaheuristic Algorithms" to deepen our collective understanding of these algorithms and their impacts. By bridging the gap between theory and application, this Special Issue will create a comprehensive platform for cutting-edge research that not only advances the theoretical foundations of these algorithms but also showcases their tangible contributions to solving complex problems across various domains.



mdpi.com/si/193581







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Message from the Editor-in-Chief

Algorithms are the very core of Computer Science. The whole area has been considered from guite different perspectives, having led to the development of many subcommunities: Complexity theory (limitations). approximation or parameterized algorithms (types of geometric algorithms problems). (subject area). metaheuristics, algorithm engineering, medical imaging (applications), indicates the range of perspectives. Our journal welcomes submissions written from any of these perspectives, so that it may become a forum for exchange of ideas between the corresponding scientific subcommunities

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