



Nature-Inspired Metaheuristic Algorithms

Guest Editors:

Prof. Dr. José Luis Verdegay

Departamento de Ciencias de la Computación e Inteligencia, Artificial E.T.S. de Ingenierías Informática y de Telecomunicación, Universidad de Granada, E-18014 Granada, Spain

Dr. Pavel Novoa-Hernández

Models of Decision and Optimization Research Group, Department of Computer Science and Artificial Intelligence, University of Granada, E-18071 Granada, Spain

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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.





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Editor-in-Chief

Prof. Dr. Frank Werner

Faculty of Mathematics, Otto-
von-Guericke-University, P.O. Box
4120, D-39016 Magdeburg,
Germany

Message from the Editor-in-Chief

Algorithms are the very core of Computer Science. The whole area has been considered from quite different perspectives, having led to the development of many sub-communities: Complexity theory (limitations), approximation or parameterized algorithms (types of problems), geometric algorithms (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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Algorithms Editorial Office
MDPI, St. Alban-Anlage 66
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