





an Open Access Journal by MDPI

Multi-objective Optimization: Techniques and Applications

Guest Editors:

Dr. Douglas Alexandre Gomes Vieira

Graduate Program in Mathematical Modeling, Federal Center of Technological Education of Minas Gerais, Belo Horizonte 30421-169, Brazil

Dr. Lisboa Adriano Chaves

Graduate Program in Mathematical Modeling, Federal Center of Technological Education of Minas Gerais, Belo Horizonte 30421-169. Brazil **Message from the Guest Editors**

This Special Issue presents a broad array of methodologies and applications for multiobjective optimization and decision-making. This includes innovative algorithms such as deterministic, linear, convex, non-linear, stochastic, and combinatorial algorithms, among others. Real-world applications in fields like artificial intelligence, machine learning, supply chain optimization, logistics, risk analysis, resource allocation, deficit allocation, portfolio management, sustainability, and renewable energy, among others, are of interest.

Deadline for manuscript submissions:

30 September 2024











an Open Access Journal by MDPI

Editor-in-Chief

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

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.

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), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (*Engineering, Multidisciplinary*) / CiteScore - Q1 (*General Engineering*)

Contact Us