

## Special Issue

# Multi-Objective Optimization for Sustainable Industrial Systems Design

### Message from the Guest Editor

When exploring multi-objective optimization for sustainable industrial systems design, several topics can be particularly relevant and useful. The following are some suitable topics for research, projects, or discussions in this field:

- Integration of Sustainability Metrics in Multi-Objective Optimization Models;
- Pareto Front Analysis in Sustainable Design;
- Adaptive Multi-Objective Optimization Algorithms for Dynamic Industrial Systems;
- Life Cycle Assessment (LCA) Integration with Multi-Objective Optimization;
- Circular Economy Models and Multi-Objective Optimization;
- Multi-Objective Optimization in Energy-Efficient Manufacturing Systems;
- Multi-Objective Optimization of Supply Chain Sustainability;
- Multi-Objective Optimization for Green Building Design;
- Economic vs. Environmental Trade-offs in Industrial System Design;
- Social Impact Considerations in Industrial System Multi-Objective Optimization;
- Resilience and Robustness in Sustainable System Design for MOO;
- Application of AI and Machine Learning in Multi-Objective Optimization in Sustainable Industrial Systems.

### Guest Editor

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### Deadline for manuscript submissions

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