



## Mathematical Modeling and Intelligent Optimization in Green Manufacturing & Logistics

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**closed (24 December 2022)**

### Message from the Guest Editor

Due to the increasingly prominent environmental pollution and energy shortage, many countries devote themselves to green manufacturing and logistics, in which some optimization problems are challenging, e.g., production planning and scheduling, supply chain management, location and allocation problems, vehicle routing problems, resource optimization, and pricing strategies. The Special Issue focus on mathematical modeling and intelligent optimization research in green manufacturing and logistics of all aspects. Topics include but are not limited to:

1. Operations research in green manufacturing and logistics
2. Game theory in green manufacturing and logistics
3. (Meta)heuristics in green manufacturing and logistics
4. Machine learning in green manufacturing and logistics
5. Knowledge-driven methods in green manufacturing and logistics
6. Digital twin in green manufacturing and logistics
7. Data-driven optimization in green manufacturing and logistics
8. Mechanism design in sustainable operations
9. Exacted algorithm for large-scale programming in complex logistics systems
10. Service design and disruptive innovation in green manufacturing and logistics





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## Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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