Special Issue

Scheduling Problems in Sustainability

Message from the Guest Editor

Scheduling problems belong to operation levels that impact daily efficiency profoundly in industry. They manifest themselves as form-of-production scheduling problems, nurse scheduling problems, project scheduling problems, timetable scheduling problems. and so on. Researchers may consider the minimization of the earliness, tardiness, makespan, the number of people, and so forth. If the number of the objective function is more than one, it becomes a bi-objective or a multi-objective problem. These smaller scheduling problems could be solved using exact algorithms, such as the branch-and-bound algorithm, dynamic programming, or mixed integer linear programming. When we deal with larger scheduling problems, in particular, the NP-Hard ones, some popular metaheuristics, such as the Genetic Algorithm, Ant Colony Optimization, discrete particle swarm optimization, and tabu search

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I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

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