



Scheduling Problems in Sustainability

Guest Editor:

Dr. Shih-Hsin Chen

Department of Information
Management, Cheng Shiu
University, Taiwan

Deadline for manuscript
submissions:

closed (30 September 2019)

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 meta-heuristics, such as the Genetic Algorithm, Ant Colony Optimization, discrete particle swarm optimization, and tabu search





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and
Applied Science, University of
Ontario Institute of Technology,
Oshawa, ON L1G 0C5, Canada

Message from the Editor-in-Chief

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. *Sustainability* publishes original research articles, review 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.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE](#) and [SSCI \(Web of Science\)](#), [GEOBASE](#), [GeoRef](#), [Inspec](#), [AGRIS](#), [RePEc](#), [CAPlus / SciFinder](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (*Geography, Planning and Development*)

Contact Us

Sustainability Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](#)