



Spatial Optimization for Sustainable Resource Management

Guest Editors:

**Prof. Epaminondas
Sidiropoulos**

Faculty of Engineering, Aristotle
University of Thessaloniki, Greece

Dr. Dimitris Fotakis

Forest Research Institute,
Hellenic Agricultural
Organization-Demeter

Deadline for manuscript
submissions:

closed (15 April 2021)

Message from the Guest Editors

In the context of today's constantly increasing ecological, social, and economic demands, spatial planning and management have become central activities to embrace multiple objectives and constraints of varying nature and importance. Spatial optimization is the most prominent resource planning and management tool. It provides effective methods to support intensive and economical use of resources for sustainable development. One of the more well-known tasks of spatial optimization is determining optimal land use patterns and allocating different uses and resources to specific areas on the basis of physical properties and regional socio-economic conditions and needs. This challenging management activity leads to highly complex mathematical optimization problems that become even less tractable as the problem size increases.

The present Special Issue invites articles both in regard to methodology and applications of spatial optimization, in an effort to discuss the creative interaction between these two aspects.





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
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/sustainability
sustainability@mdpi.com
[@Sus_MDPI](https://twitter.com/Sus_MDPI)