

Special Issue

Spatial Optimization for Sustainable Resource Management

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.

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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. *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.

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