



Intelligent Knowledge-Based Models for Sustainable Spatial Planning and Engineering

Guest Editors:

Prof. Dr. Domenico Camarda
Polytechnic University of Bari,
Bari 70126, Italy

**Dr. Maria Rosaria Stufano
Melone**
Polytechnic University of Bari,
Bari 70126, Italy

Deadline for manuscript
submissions:
closed (30 January 2022)

Message from the Guest Editors

Dear Colleagues,

The objective of this Special Issue is to investigate qualitative-quantitative approaches, methods and models aimed at analysing and structuring spatial knowledge for the sustainable management of decision-making processes, strategies and implementation related to spatial planning and engineering.

In this context, knowledge plays a delicate and essential role. Yet it shows elicitive, analytical and managerial difficulties mainly because of its multi-source, multi-agent, multi-scale, co-creative and co-designed nature, expression of the complex world that produces it—also being conscious of what we don't know in the moment of the analysis, as the last events have demonstrated.

In our acting sustainably and planning for a renewed sustainable approach to our lives, cities, and environment in general, models and tools need to take in account interaction features and issues. Among them, the relation between natural objects/artifacts in dealing with complex environmental systems; space and time interaction in dealing with the making of a city or of a design object; the relation among cognition, natural and/or formal language in urban systems.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and
Natural Resources, Ohio State
University, Columbus, OH 43210,
USA

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. 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.

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](#), [RePEc](#), [CAPlus / SciFinder](#), and [other databases](#).

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

Contact Us

Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

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