

Special Issue

Sustainability and Urban Metabolism

Message from the Guest Editors

Achieving sustainable development will only be possible if cities efficiency increase flows management (water, energy, food, materials, information). This Special Issue focuses on the relationship between sustainable development goals and the metabolism of cities.

Authors from different disciplines (architecture and urban planning, ecology, economy, and social sciences) are invited to submit their ideas about the challenge of improving the metabolic cycles of built environments.

Both theoretical and applied research articles are welcome. Suggested topics include (but are not limited to):

- Cities as dissipative structures
- Urban Heat Island
- Cities' energy management
- Information, entropy and the city
- Built environment and climate change
- The size of the city and the energy consumption
- Materials flows across the city
- Relation between the city and the country in food production
- Urban ecosystems
- Urban microclimate

Guest Editors

Dr. Massimo Palme

School of Architecture, Catholic University of the North, 1240000 Antofagasta, Chile

Dr. Agnese Salvati

Department of Architectural Technology, Barcelona School of Architecture, Polytechnic University of Catalunya, 08028 Barcelona, Spain

Deadline for manuscript submissions

closed (31 March 2019)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/10989

Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

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





Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



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



About the Journal

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.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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

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)