

Special Issue

Sustainability Indicators for Renewable Energy Transition

Message from the Guest Editors

Sustainable urban development is of great importance. Cities consume 75 percent of natural resources globally (materials, energy, water), produce 50 percent of global waste, and generate 60–80 percent of greenhouse gas emissions. European cities can improve their resilience and meet decarbonization targets by: (i) increasing the rate of retrofitting buildings to improve energy efficiency; (ii) enabling building and district scale renewable energy production; (iii) developing and restoring nature-based urban infrastructure; and (iv) delivering a shift towards clean mobility-as-a-service. However, global spending on basic infrastructure—transport, power, water and communications—faces a financing gap of \$1 trillion annually (the global spend ought to be \$3.7 trillion, whereas it is currently \$2.7 trillion). Realizing these ambitions will, therefore, demand trillions of investments, as well as innovation in systemic thinking, governance and financing. This requirement for transformative change presents a significant opportunity for innovative and sustainable markets to emerge.

Guest Editors

Prof. Dr. George Xydis

Department of Business Development and Technology (BTECH/AU Herning), Aarhus University, Engineering & Technology Research Group—EngTech, Center for Energy Technologies—CET, Birk Centerpark 15, 7400 Herning, Denmark

Dr. Evanthia A. Nanaki

Department of Business Development and Technology, Aarhus University, Birk Centerpark 15, 7400 Herning, Denmark

Deadline for manuscript submissions

closed (30 July 2018)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/12420

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. *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.

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

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, CAPIus / SciFinder, and other databases.

Journal Rank:

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