sustainability

an Open Access Journal by MDPI

IMPACT FACTOR 3.9

CITESCORE 5.8

Recent Contribution from Large-Scale Data Analytics to the Sustainable Energy Transition

Guest Editor:

Dr. August Wierling
Department of Environmental Sciences, Western Norway University of Applied Sciences, 5063 Bergen, Norway

Deadline for manuscript submissions:
closed (31 December 2020)

Message from the Guest Editor

Goal No.7 of the Sustainable Development Goals calls to "ensure access to affordable, reliable, sustainable and modern energy". Large-scale data analytics offers support to make this call a reality. Data analytics can boost efficiency in both the supply as well as the demand side of the energy sector. Data are an indispensable ingredient to smart grids, energy system modeling, and optimal control of renewable technologies. Data analytics furthermore supports monitoring and steering of the progress made by understanding the complexity and interlinkages involved. Digital tools can assist decision-making and lower the barriers for new actors to engage. At the same time, the digital revolution leads to an exponential growth in the amount of data available asking for new methods and approaches fit for the task.

sustainability

IMPACT FACTOR 3.9

CITESCORE 5.8

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

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

mdpi.com/journal/sustainability
sustainability@mdpi.com
𝕏@Sus_MDPI