



## Information System Model and Big Data Analytics

Guest Editors:

**Prof. Dr. Fernando Moreira**

fmoreira@upt.pt

**Prof. Dr. José Machado**

jmac@di.uminho.pt

**Prof. Dr. Antonio Grilo**

antonio.grilo@fct.unl.pt

**Prof. Dr. Paulo Novais**

pjon@di.uminho.pt

Deadline for manuscript  
submissions:

**31 May 2022**

### Message from the Guest Editors

Over the past few years, we have seen exponential growth in the volume of data available worldwide. With this increase, two inherent problems have arisen: data storage capacity and data processing. It is necessary to have a well-modeled information system, clear and objective, to take advantage of all the potential that big data can bring to our society.

Everything around us is now affected by big data. There are immense possibilities that arise from big data's use, sustainability being one of them. In the field of sustainability, environmental sustainability is one of the most critical factors. One example is climate change, which has reached the top of the list of global risks, affecting a diversity of countries and disturbing economies. Big data can provide very relevant information to promote sustainability to reduce risks and prevent certain situations.

This Special Issue, entitled “Information System Model and Big Data Analytics”, aims to publish research and revised articles based on the relationship between the information system model and big data analytics.





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

**Journal Rank:** [JCR](#) - Q2 (*Environmental Sciences*) / [CiteScore](#) - Q1 (*Geography, Planning and Development*)

## Contact Us

---

*Sustainability*  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
Fax: +41 61 302 89 18  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/sustainability](http://mdpi.com/journal/sustainability)  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)  
[@Sus\\_MDPI](https://twitter.com/Sus_MDPI)