

Special Issue

Expert Systems: Applications of Business Intelligence in Big Data Environments

Message from the Guest Editors

In order to reduce the risk of human mistakes in financial domains, expert systems have gained a great advantage in big data environments. In addition to their efficiency in quantitative analyses, such as profitability, banking management, and strategic financial planning, expert systems have successfully treated qualitative issues, including financial analysis, investments advisories, and knowledge-based decision support systems. Recently, expert systems with explanation for decision making can achieve a high accuracy rate to support financial institutions in a highly volatile climate. It is being promoted by the software engineering community to use such systems as the adequate solution to handle the current requirements of complex big data processing problems that demanding distribution, flexibility, and robustness.

The overall aim of this Special Issue is to collect state-of-the-art research findings on the latest development, up-to-date issues, and challenges in the field of expert systems for business intelligence and big data analytics in financial applications.

Guest Editors

Dr. Mohamed Elhoseny

Dr. Xiaohui Yuan

Prof. Dr. M. Kabir Hassan

Dr. Noura Metawa

Deadline for manuscript submissions

closed (20 October 2018)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/13798

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)