Advances in Big Data Analysis and Visualization

Guest Editors:

Dr. Yong Zhang
Faculty of Information Technology, Beijing University of Technology, Beijing 100124, China

Prof. Dr. Yanming Shen
College of Computer Science and Technology, Dalian University of Technology, Dalian 116000, China

Deadline for manuscript submissions:
30 July 2024

Message from the Guest Editors

This is a call for papers on the topic of "Advances in Big Data Analysis and Visualization", which aims to provide counterparts and decision-makers with guidelines to solve the bottlenecks and technical challenges faced by the field of big data and visualization.

In the contemporary world, the rapid development of information technology has given rise to huge amounts of data beyond any era. Proper visualization methods can help human beings uncover the hidden information behind big data. Big data visualization refers to the automatic analysis and mining method of big data, while effectively integrating the computing power of computers to obtain insights into large-scale complex data sets. In recent years, visualization research has largely focused on hot areas of big data, such as the internet, urban transportation, economics and finance. Hence, applying visualization methods to transform big data into effective information and knowledge is crucial for all industries.

This Special Issue focuses on advanced methodologies in big data collection and processing, data visualization analysis, and related applications of big data and visualization, etc.

Special Issue

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, SCIE (Web of Science), Inspec, CAPlus / SciFinder, and other databases.
Journal Rank: JCR - Q2 (*Engineering, Multidisciplinary*) / CiteScore - Q1 (*General Engineering*)

Contact Us