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Trends and Prospects in Data Mining Techniques for Big Graph/Spatial Data

Guest Editors:

Dr. Yixiang Fang
School of Data Science, The Chinese University of Hong Kong, Shenzhen 518172, China

Dr. Bolong Zheng
School of Computer Science and Technology, Huazhong University of Science and Technology, Wuhan 430074, China

Deadline for manuscript submissions:
closed (15 December 2022)

Message from the Guest Editors

The purpose of this Special Issue is to disseminate the results of advanced data mining approaches to addressing the aforementioned challenges of processing big graph/spatial data.

The topics of interest related to this Special Issue include, but are not limited to:

- Data mining techniques, Modelling, storage, indexing and query-processing techniques for graph/spatial data;
- Data management systems for the collection, storage, and access of graph/spatial data;
- AI and machine learning techniques for graph/spatial data;
- Data analytics for dynamic and streaming graph/spatial data;
- Techniques for distributed graph/spatial data analytics;
- Visualization techniques and systems for graph/spatial data;
- Spatio-temporal graph data analytics;
- Crowdsourcing techniques based on graph/spatial data;
- Location-based services and location-based social networks;
- Traffic pattern analysis and intelligent transportation;
- Graph analytics;
- Vision papers to survey the state of graph/spatial data analytics.

mdpi.com/si/122404

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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.

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Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
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