Special Issue

Data Visualization Techniques: Advances and Applications

Message from the Guest Editors

The advent of big data has highlighted the usefulness and importance of transforming large datasets into information, which is often essential for decision making in various scientific and technological areas. Data visualization techniques have also evolved, allowing researchers and practitioners to explore and exploit complex information effectively. This Special Issue discusses the recent advances in data visualization techniques and their practical applications in detail. It will show how innovative tools facilitate the understanding of complex data in fields as diverse as cultural heritage analysis, artificial intelligence, medicine, and others. A series of case studies and articles will demonstrate how data visualization techniques improve scientific communication and drive new discoveries in various scientific fields. These works will be essential for understanding the state of data visualization, where the convergence of science and technology has revealed patterns that would otherwise remain hidden. Keywords:

- visualization literacy
- data visualization
- computer graphics
- visual analytics
- virtual reality
- immersive visualization

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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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