Cloud Computing and Big Data Systems: New Trends and Applications

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Message from the Guest Editors

Along with the development of IT technologies such as the mobile internet, internet of things (IoT), artificial intelligence (AI), and the meta-universe, the amount of data generated, stored, processed, and analyzed today is growing exponentially. The quantity and complexity of the data continue to increase. In addition, novel big data applications call for the use of less cloud resources and to guarantee platform security during big data processing. To address these challenges, this Special Issue entitled "Cloud Computing and Big Data Systems: New Trends and Applications" welcomes scholars, experts, researchers, and engineers in related areas to submit their contributions, providing new solutions and ideas. The topics of interest include, but are not limited to:

- Novel big data storage and management systems and technologies.
- Novel big data computing frameworks and systems.
- Novel cloud computing and resource scheduling technologies.
- Novel data privacy or security technologies for big data and cloud systems.
- Novel big data and cloud computing applications.

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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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