Special Issue on Big Data and Cloud Computing Challenges

Call for Papers

Cloud computing has become one of the most projecting word in the IT world due to its design for providing computing service as a utility, enabling software, infrastructure and information to be used as a services over the network in an on-demand manner. Majority of companies in industry that have high-resolution data sets use cloud computing technology to involve in data-intensive decision making within organization. The involvement of new era of Cloud Computing for both industry and high-resolution datasets allow for data-intensive decision-making at a level never before imagined.

This special issue aims to collect significant contributions addressing innovative ideas through original research or review articles, emerging technologies, methods and solutions for cloud computing challenges in big data. Topics to be covered but are not limited to:

- Cloud architecture
- Map reduce
- Security and privacy
- Cloud services and applications
- Virtualization
- HPC on the cloud
- Big data science and foundations
- Big data infrastructure
- Big data management
- Big data search and mining
- Big data security and privacy
- Data management in the cloud
- Security in the cloud
- Cloud migration
- Big data visualization
- Semantic cloud
- Cognition and semantic web
- Mobile web
- Wireless sensor networks
- Network security for cloud
- Protocols and architecture for cloud

Authors should read over the journal's For Authors carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's Paper Submission System.

Please kindly notice that the "**Special Issue**" under your manuscript title is supposed to be specified and the research field "**Special Issue - *Big Data and Cloud Computing Challenges***" should be chosen during your submission.

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