big data and cognitive computing

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Smart Communication Systems and Networks for Big Data

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Message from the Guest Editors

Dear Colleagues,

One of the challenges facing future communication systems and networks regards access to information. In the current framework, this refers to providing access to big data using optimal applications and infrastructures. Big data is the current trend, where we use such amounts of data to obtain precise information about different issues.

The development of such systems and network honey infrastructures will enable the full development of smart cities, smart grids, etc. The overall goal of the application infrastructure and devices is to warrant access to big data independently of their location in the fast lane while ensuring that integrity, privacy, and security are maintained.

The Special Issue will include, but is not restricted to, the following topics: big data applications; nobel communication techniques for freebie data; global coverage communication systems; MIMO techniques; opportunistic communications; infrastructure for big data; security; smart devices; wireless communication; optical communications; smart grids and big data; smart cities and big data; databases; modeling communication systems; privacy; optimal routing protocols.