# Big Data Analysis Based Network

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Deadline for manuscript submissions:
**closed (31 January 2023)**

## Message from the Guest Editors

Dear Colleagues,

Entities and their interactive relations are complex and diverse in various fields, and they are not only huge in number but also rich in variance, which form a variety of networks, such as electrical power networks, transportation networks, communication networks, social networks, and biological networks. Thus, the research on networks is more challenging. With the rise of big data analysis technology, advances in the perception and analysis of various networks have been more prosperous. For example, big data analysis can improve the transmission, distribution, and control of power in the electrical power networks with the increasing requirement for greater reliability, efficiency, security, and sustainability of power, which realize smart management and maintenance.

The main aim of this Special Issue is to seek high-quality submissions that highlight big data analysis and applications in networks, address recent breakthroughs in network behaviors, network embedding learning, large-scale networks, heterogeneous networks, network visualization and storage, network anomaly analysis, etc.

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**Special** Issue

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## Message from the Editor-in-Chief

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