

Special Issue

Data Governance Principles, Decision Domains and Organizational Structures

Message from the Guest Editors

We are currently living in a data-driven world and dealing with big data and Internet of Things. Data-intensive products and services aim to turn big data into a value or strategic asset for organizations. However, the inherent risk and cost of storing and managing a massive amount of data undermine the value created by such products and services. Consequently, organizations are required to adopt an appropriate data governance program to establish the necessary policies and structures in order to strike a balance between value creation and risk and cost. This research topic explores the data governance in detail, focusing on data governance principles, decision domains, and organizational structures. Data governance challenges, opportunities, and practices for big data and Internet of Things (IoT) domains must be further explored. It is also necessary to diagnose industrial big data applications and products whose data need further governance.

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Message from the Editor-in-Chief

Data is an open access journal that publishes scientific data in a reliable, citable, and accountable manner. Data grants the opportunity to formally share valuable data, for academic credit. It covers a wide range of disciplines in which data is generated so that published data is discoverable and available for wider re-use. The journal has highly accomplished scientists from a variety of disciplines on the editorial board. The publication emphasizes clarity, honesty, quality, and novelty and has a rigorous peer-review process. We strongly encourage you to share your data vision in Data.

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