

Special Issue

Business Process Management Based on Big Data Analytics

Message from the Guest Editors

This Special Issue of *Systems* focuses on business process management (BPM) based on big data analytics. This is an emerging topic that leverages the vast amounts of data generated by modern organizations to optimize, monitor, and improve business processes. By integrating big data analytics into BPM, organizations can extract valuable insights from structured and unstructured data to enable better decision making, process automation, continuous process improvement, and operational efficiency by tracking key performance indicators (KPIs) in real time, enabling proactive adjustments and more precise alignment with strategic goals. Integrating artificial intelligence (AI) into this synergy amplifies its impact by enabling advanced predictive modeling, intelligent process automation, and improved decision making, as well as anticipating process inefficiencies and uncovering hidden patterns in data that would otherwise go unnoticed. For this Special Issue, we are seeking papers that are relevant to the BPM community, as well as to big data analytics researchers and practitioners in various industries.

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Systems is a leading venue for the quick and global dissemination of results of cutting-edge research in various areas of systems science and systems-related fields. An increasing number of researchers are realizing the enormous potential of systems thinking in managing the many unprecedented and complex issues in all areas of need. The *Systems* journal provides a home of exceptional quality for the manuscripts of these researchers who often find it difficult to publish their work in conventional discipline focused journals.

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