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Human Factor in Information Systems Development and Management

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Message from the Guest Editors

The significance of the "human factor" is beginning to dawn on software vendors, and though difficult and intangible to measure by nature, the human factor is starting to be seen for what it is: the core of an information system (IS). Yet, in many cases, the collaboration and communication with the users is still ineffective or simply neglected.

Nowadays, information systems are fuelled by large datasets and embedded with artificial intelligence (AI) capabilities driven by machine learning (ML) methods and techniques. The requirements formulated toward modern software systems have considerably changed, imposing novel challenges and vast opportunities. However, while organizations are rushing to deploy AI solutions, the voice of users often seems faint.

In the current situation, COVID-19 has appeared as a real challenge; however, it has also presented an opportunity to tackle a plethora of issues related to work processes, procedures and policies. Therefore, decision makers need to adapt and apply new way of managing communication and collaboration with IS users.

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Message from the Editor-in-Chief

Big Data and Cognitive Computing (BDCC) is a scholarly online journal which provides a platform for big data theories with emerging technologies on smart clouds and exploring supercomputers with new cognitive applications. It is a peer-reviewed, open access journal that publishes high quality original articles, reviews and short communications. The primary aims of this journal are to encourage contributions of high quality scientific papers relating to data management and analytics in industry, such as manufacturing, healthcare, education, media and business, data mining, and cognitive science. There is no restriction on the maximum length of the papers.

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