Special Issue

Industrial Applications of Data Intelligence

Message from the Guest Editors

Advances in sensor and data storage technologies have enabled the cumulation of a large amount of data from industrial systems. Since data can systematically describe the status of industrial systems, their utilization has seen growing interest from the industry and data intelligence methods are in high demand. Meanwhile, theoretical development in related disciplines, such as machine learning, computer vision, evolutionary computation, and signal processing, has provided effective ways of analyzing and utilizing the collected data. The recent success of applying data-driven methods in different domains, including intelligent manufacturing, the energy internet, and smart healthcare, has proved the potential of employing data intelligence algorithms for solving real problems in various industrial fields. This Special Issue will present the latest work from researchers on the applications of data intelligence algorithms in industrial systems, especially considering data fusion approaches to integrating different data sources and fusing structural and non-structural information.

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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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