



Warehouse 4.0: Best Practices, Opportunities, and Challenges

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Message from the Guest Editor

The 4th Industrial Revolution (Industry 4.0) for logistics management (Logistics 4.0) is based on the Internet-of-Things for the interconnection of technologies such as robots, artificial intelligence, intelligent sensors, and flexible production systems, as well as innovative computing practices such as big data analysis, cloud computing, and business intelligence. The objective of Logistics 4.0 is to operate autonomously the available resources for the daily tasks of the logistics system. The digital revolution and Industry 4.0 play a vital role in supply chains. Companies that use Warehouse 4.0 solutions try to reduce their operating costs through more efficient inventory management and the available resources while increasing the level of provided services to the market. The considerable number of Warehouse 4.0 research and business initiatives prove that warehousing is continuously changing, bringing many opportunities and challenges. These aspects of Warehouse 4.0 are the main objective of this Special Issue.





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