

Special Issue

Optimization of Logistics Systems Using Industry 4.0 Technologies

Message from the Guest Editors

As a result of striving to meet individual customer needs, the complexity of the operation of logistics systems increases. For this reason, the improvement and optimization of various logistics processes is an increasing challenge for today's logistics professionals. The application of the new industry 4.0 technologies (e.g. cyber physics systems, big data, IoT, etc.) in logistics systems opens up many possibilities, including the collection and processing of system data, as well as the control of system components. This serves as the basis for new operating models, the development of which can reduce the losses of logistics systems and increase their sustainability. The main purpose of this special issue is to present new operating models in the field of logistics that have been developed and/or implemented using industry 4.0 technologies and optimization methods.

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