

Special Issue

Energy-Efficient Scheduling in Production and Transportation

Message from the Guest Editors

Worldwide, most organizations are involved with production, transportation and distribution, either as a provider or as a client. During the last few years, there has been growing societal and governmental pressure that challenges and forces organizations to focus more on environmental issues. Hence, a sustainable and energy-efficient strategy in production and transportation are of uttermost importance. In particular, adapting energy-efficient solutions leads to a reduction in the negative environmental impact and waste and improvements in the efficient use of energy and resources as well as the increase on the personnel satisfaction and health. However, this strategy must also consider quality and cost issues to become successful. This Special Issue seeks to understand the potential impacts of addressing scheduling problems in production and transportation that focus on environmental and social indicators (e.g., waste, defective rate, fuel consumption, and personnel safety and satisfaction)...

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