



Advances in Industrial Risk Analysis and Management

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Message from the Guest Editors

Dear Colleagues,

The rapid development of industrial systems and techniques, including the Industrial Internet, the 5G technique, and automatic factories, has substantially changed the production mode and led to more sustainable manufacturing. Meanwhile, the more complicated techniques and systems also bring a significant challenge to the managers and operators on how to reliably and safely operate systems in an effective and efficient way. Therefore, we welcome studies on data-driven methods equipped with intelligent algorithms, new real industrial data analysis, and new applications of existing methods.

Topics to be discussed in this Special Issue include (but are not limited to) the following:

- (1) Artificial intelligence in industrial applications;
- (2) Big Data and IoT applications;
- (3) Diagnostics and prognostics;
- (4) Life cycle cost analysis and optimization;
- (5) Maintenance models and strategies;
- (6) Prognostics and health management;
- (7) Risk analysis and management;
- (8) Security and dependability analysis;
- (9) Supply chain reliability and management;
- (10) Statistical quality control;
- (11) Warranty data analysis and management.





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Message from the Editor-in-Chief

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