Special Issue

Application of Machine Learning in Drilling Technology

Message from the Guest Editor

Machine learning has emerged as a powerful tool with the potential to address complex challenges in drilling technology. From real-time data analytics, performance monitoring, anomaly detection and predictive maintenance to automation and decision support systems, the integration of machine learning algorithms promises to unlock new horizons in drilling technology. We invite researchers, engineers, and experts in the field of drilling technology to contribute innovative research, case studies, and reviews that shed light on the application of machine learning in various aspects of drilling. By disseminating cutting-edge research in this Special Issue, we aim to foster collaboration, share best practices, and advance the adoption of machine learning techniques within the drilling industry. Submissions are now open, and we look forward to receiving your contributions. Keywords:

- machine learning
- drilling technology
- automation
- real-time monitoring, decision support
- efficiency
- safety

Guest Editor

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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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