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Machine Learning Methods for Environmental Monitoring

Guest Editor:

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Deadline for manuscript submissions:
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Message from the Guest Editor

Today, environmental monitoring is becoming an increasingly important issue when considering climate and land cover change and its consequences for the environment. Current earth observation satellites provide information with advanced spatial and temporal details that increases the potential of remote sensing to reveal spatial and temporal patterns and trends. In this context, machine learning algorithms have shown to be a powerful method to link remote sensing information to relevant environmental variables by accounting for the complexity and nonlinearity found in nature.

This Special Issue aims to advance the application of machine learning algorithms for remote sensing-based environmental monitoring. We welcome methodological contributions in terms of novel machine learning strategies and innovative developments towards the reliability and robustness of the results. We further welcome applied contributions that demonstrate the potential and the challenges of machine learning applied to remote sensing in the context of environmental monitoring.

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Message from the Editor-in-Chief

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