Special Issue

Machine Learning and Big Data Analytics in Forestry

Message from the Guest Editors

The availability of conventional and new modalities to collect data has brough many opportunities to better document, model and understand forest ecosystems and their management in all the aspects and components of forestry and forest management. Handling big datasets, however, requires advanced tools and methods able to discover and explain complex patterns and inter-relations, while providing gold-standard accurate or improved representations of the underlying behaviors and processes. This Special Issue is focused on collecting high-quality contributions which harness the availability of big data in forestry through the use of conventional and advanced machine learning algorithms and protocols to extract and model useful information with the purpose of better documenting and explaining patterns and relations which are important for the scaled practice and science supporting forestry and forest management.

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