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Artificial Intelligence and Machine Learning Applications in Forestry

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Message from the Guest Editors

Dear Colleagues,

Smart forestry integrates the key technologies in digital forestry with the new generation of information technology. The development of intelligent forestry needs to further promote the research of intelligent algorithms such as multisource heterogeneous data fusion and machine vision, integrated data mining, model simulation, and intelligent analysis technology into forestry, and achieve high-quality development of forestry on the basis of the continuous improvement of forestry theoretical research. This Special Issue aims to cover the whole range of applications, one or more of these problems can be solved through high-quality research or review papers:

Applications of AI tools and applications in forestry ;

Forestry deep learning models ;

Recent forestry development trends and application status
of information technology in forestry ;

Intelligent sensing technology for forestry ;

Forestry pattern recognition ;

Multimedia and cognitive informatics in forestry ;

Application of remote sensing big data and cloud
computing in forestry ;

Forestry virtual reality;

Intelligent forestry equipment.

Guest Editors



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Special Issue



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