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Artificial Intelligence and Machine Learning Applications in Forestry

Guest Editors:

Prof. Dr. Yunfei Liu

College of Information Science
and Technology, Nanjing Forestry
University, Nanjing 210037, China

Prof. Dr. Ling Jiang

College of Information Science
and Technology, Nanjing Forestry
University, Nanjing 210037, China

Dr. Haifeng Lin

College of Information Science
and Technology, Nanjing Forestry
University, Nanjing 210037, China

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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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Prof. Dr. Cate Macinnis-Ng

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Prof. Dr. Giacomo Alessandro Gerosa

Department of Mathematics and Physics, Catholic University of Brescia, I-25121 Brescia, Italy

Message from the Editorial Board

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Contact Us

Forests Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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