

Special Issue

Spatial Information Technology in Forest Ecosystem

Message from the Guest Editors

The forest is the most important terrestrial ecosystem and the structure and function of the forest have been widely reported in research. With the development of spatial information technologies, remote sensing (RS), geographic information systems (GIS), UAV, LiDAR, and hyperspectral technology are widely used in forest ecosystem research. This Special Issue aims to disseminate the latest research on the application of spatial information technology in forest ecology, which will help humans to solve typical problems in forest ecosystem management. The topics include but are not limited to the following: (a) Forest ecosystem assessment with GIS or RS; (b) Forest ecosystem parameters retrieval with RS; (c) Forest diversity mapping; (d) Forest structure or function detection with spatial technologies; (e) Spatial monitoring and predictive analysis of forest hazards such as pests or diseases; (f) Application of UAV, LiDAR, or hyperspectral remote sensing in the forest. For more information on the Special Issue, please visit LINK

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Guest Editors

Dr. Yuanyong Dian

College of Horticulture and Forestry, Huazhong Agricultural University, Wuhan, China

Dr. Jingjing Zhou

College of Horticulture and Forestry, Huazhong Agricultural University, Wuhan, China

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Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

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