

Special Issue

Applications of Landsat and Satellite Remote Sensing Data

Message from the Guest Editors

Forests play a critical role in maintaining ecological balance, mitigating the effects of climate change, and supporting biodiversity and human well-being. Reliable and consistent data sources are required for monitoring, managing, and protecting these ecosystems. Satellite-based remote sensing and, in particular, the decades-long Landsat programme, has provided unique opportunities gain a deeper understanding of forest dynamics over time and space. These advances have enabled new applications ranging from forest health monitoring and species distribution mapping to carbon stock estimation and forest degradation detection. This Special Issue aims to highlight recent research demonstrating the power of Landsat and other satellite remote sensing datasets in addressing pressing forestry challenges. We encourage the submission of works focusing on topics such as forest cover and land use change detection, forest degradation and recovery, forest fire monitoring, carbon sequestration, biodiversity and habitat assessment, urban and peri-urban forestry, and the impacts of climate change on forest ecosystems. Both original research and comprehensive review articles are welcome.

Guest Editors

Dr. Mustafa Zeybek

Güneysinir Vocational School, Selçuk University, Konya 42490, Türkiye

Prof. Dr. Guojin He

Aerospace Information Research Institute, Chinese Academy of Sciences, Beijing 100094, China

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

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About the Journal

Message from the Editor-in-Chief

Forests (ISSN 1999-4907) is an international and cross-disciplinary, scholarly forestry journal. The distinguished editorial board and refereeing process ensures the highest degree of scientific rigor and review of all published articles. Original research articles and timely reviews are released online, with unlimited free access. Our goal is to have *Forests* be recognized as one of the foremost publication outlets for high quality, leading edge research in this broad and diverse field. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global forestry community.

Editor-in-Chief

Prof. Dr. Giacomo Alessandro Gerosa

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

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