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Using LiDAR and Optical Imagery to Map Forest Vegetation for Assessing Wildlife Habitat

Guest Editors:

Dr. Qinghua Guo
State Key Laboratory of Vegetation and Environmental Change, Institute of Botany, Chinese Academy of Sciences, Beijing 100093, China

Dr. Yanjun Su
State Key Laboratory of Vegetation and Environmental Change, Institute of Botany, Chinese Academy of Science, Beijing 100093, China

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Message from the Guest Editors

The importance of conserving forest wildlife abundance and diversity has been increasingly recognized, and numerous efforts have been made to improve our understanding of forest wildlife behavior. Forest vegetation biophysical features and three-dimensional (3D) structures have been demonstrated to be valuable inputs for mapping wildlife distribution.

This Special Issue of *Forests* emphasizes forest vegetation mapping through the integration of LiDAR and optical imagery, and how it can be used to assess the quality of wildlife habitats. Research articles may focus on, but are not limited to, topics such as new approaches of forest vegetation mapping for wildlife habitat assessment based on LiDAR and/or optical data, data fusion algorithms on improving the vegetation mapping accuracy for wildlife habitat assessment, and addressing how the integration of LiDAR data and optical imagery affects the niche modelling and wildlife habitat assessment results. Application studies regarding forest biodiversity and wildlife habitat management and conservation with the help of LiDAR data and optical imagery are also welcome.

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Editors-in-Chief

Prof. Dr. Cate Macinnis-Ng
Department of Biological Sciences, Faculty of Science, University of Auckland, Private Bag 92019, Auckland 1142, New Zealand

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, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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forests@mdpi.com
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