

Special Issue

Forest Fire Risk Prediction

Message from the Guest Editors

Globally, fire regimes are being altered by changing climatic conditions and land use changes. This has the potential to drive species extinctions and cause ecosystem state changes, with a range of consequences for ecosystem services. Accurate prediction of the risk of forest fires over short timescales (weeks or months) is required for land managers to target suppression resources in order to protect people, property, and infrastructure, as well as fire-sensitive ecosystems. Over longer timescales, prediction of changes in forest fire regimes is required to model the effect of wildfires on the terrestrial carbon cycle and subsequent feedbacks into the climate system. This Special Issue of *Forests* is focused on quantifying and modeling the risk factors of forest fires. We particularly welcome studies that assess the forecasting of forest fire occurrence in relation to (i) fuel load and connectivity; (ii) fuel moisture content (both live and dead); (iii) fire ignition sources; (iv) fire weather or fire weather indices; and (v) any other aspect related to predicting forest fire risk. Both observational and modeling studies are welcome.

Guest Editors

Dr. Rachael Nolan

Hawkesbury Institute for the Environment, Western Sydney University,
Locked Bag 1797, Penrith, NSW 2751, Australia

Prof. Dr. Victor Resco de Dios

1. Department of Crop and Forest Sciences and Agrotecnio Center,
Universitat de Lleida, 25198 Lleida, Spain 2. School of Life Sciences and
Engineering, Southwest University for Science and Technology,
Mianyang 621010, China

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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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