

## Special Issue

# Modeling, Measuring, and Mapping Wildland Fuels

### Message from the Guest Editors

In many places across the globe, climate change has led to increased fire occurrence, with larger and more damaging fires. Amid this growing crisis, fire managers need accurate fuel maps and fire modeling for decision support, risk assessment and strategic planning efforts. However, developing fuel maps can be challenging, as wildland fuels are complex in distribution, structure and characteristics. They are dynamic, changing over time and space in response to environmental factors, disturbances and management action. In this Special Issue of *Forests*, entitled “Modeling, Measuring and Mapping Wildland Fuels”, we aim to collect timely and emerging research in wildland fuels science, with a focus on new developments, applications and technologies in mapping, measuring and modeling fuels. We encourage researchers to submit articles in a wide range of themes in this arena. Examples might include modeling fuel dynamics, novel mapping approaches, classification algorithms and image processing, new approaches for cross-scale linkages, and remote sensing methods and applications characterizing 3D fuel structure.

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### Guest Editors

Dr. Russ Parsons

Prof. Dr. Luis A. Ruiz

Dr. Francois Pimont

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### Deadline for manuscript submissions

closed (12 September 2021)



## Forests

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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.

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### Editor-in-Chief

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