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Modeling, Measuring, and Mapping Wildland Fuels

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Deadline for manuscript
submissions:

closed (12 September 2021)

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.



mdpi.com/si/49234

Special Issue



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Message from the Editorial Board

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