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Managing Bushfire in Tall Forests – Fuel Hazard and Moisture Relationships

Guest Editors:

Dr. Alena Zhdanova

Research School of Physics,
National Research Tomsk
Polytechnic University, 634050
Tomsk, Russia

Dr. Roman Volkov

Research School of High-Energy
Physics, National Research
Tomsk Polytechnic University, 30
Lenin Avenue, 634050 Tomsk,
Russia

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Message from the Guest Editors

Forest fires are an urgent problem for the global community. Fires in the boreal zone cause significant economic and social losses for the population of the planet. Emissions into the atmosphere from forest fires have a negative impact on human health. Weather conditions are an important factor in extinguishing forest fires. Additionally, in the process of fire extinguishing, relatively large volumes of extinguishing agents fall on the surface of the burning forest material. The assessment of the effect of moisture content on the process of suppressing the combustion of a forest fire is of particular interest. We welcome scientific research aimed at studying macroscopic features of combustion and extinguishing of forest fuel. Additionally, papers with fundamental results on the study of combustion and thermal decomposition of samples of forest combustible material are welcome.



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

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Contact Us

Forests Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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