

## Special Issue

# Modern Technologies and Applications for Innovative Forest Fire Management

### Message from the Guest Editors

Wildfire management plays a crucial role in improving the sustainability of forests by mitigating the negative impacts of wildfires and promoting ecological resilience. Advancement of novel sensing technologies, including remote sensing, joined with data from citizen volunteers and publicly available data, provides a fertile ground for innovation and excellence in forest management. Recent advances in robotics have allowed cutting-edge innovations to be made in the surveillance and suppression of wildfires. New forecasting models and techniques for natural and climate changes, in addition to providing insight into future regimes, help guide methods for mitigating their effects. This Special Issue invites original submissions and review articles describing innovations in conceptual, technical and computational methods and solutions in wildfire management for sustainable forestry.

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### Guest Editors

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Dr. Ioannis Gitas

Prof. Dr. Damir Krstinić

Dr. Marin Bugarcic

Dr. Fermín Alcasena

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### Deadline for manuscript submissions

closed (25 March 2024)



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