



Na konferenciji SpliTech 2023. organizira se posebna sekcija na temu požara raslinja - Wildfire track koju organiziraju i vode:

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Sekcija se

Upravo je i otvoren [POZIV ZA PRIJAVU RADOVA](#) na temu:

Posebna sekcija o požarima raslinja na konferenciji SpliTech 2023

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Call for papers

The Wildfires track at SpliTech 2023 aims to bring together the wildfire research community and provide opportunities to present and discuss new innovations in conceptual, technical and computational methods and solutions in wildfire management. In the area of wildfire management, advancement of novel sensing technologies (remote sensing included) joined with data from citizen volunteers and publicly available data, provides a fertile ground for innovation and excellence. 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. Prospective authors are cordially invited to submit their original contributions covering completed or ongoing work related to wildfire research to wildfires track of SpliTech2023 International conference on smart and sustainable technologies. Accepted and presented papers will be published in the conference proceedings and submitted to IEEE Xplore, as well as other Abstracting and Indexing (A&I) databases.

Topics include, but are not limited to, the following:

- Wildfire prevention
 - Wildfires monitoring
 - Automatic early wildfire detection
 - Machine learning techniques for wildfire prediction
 - Wildfire risk assessment
 - Future and fire resilient landscape management
 - Spatial analysis for firebreaks planning
 - Remote sensing wildfire risk prediction
 - Decision support systems for wildfire prevention
 - Citizen science for wildfire risk assessment and prevention
 - Meteorology and forecasting in seasonal and daily fire risk assessment Wildfire suppression
 - Wildfires real time surveillance
 - Sensor systems for fire monitoring, surveillance and probing
 - Wildfire digital twin technologies and applications
 - Decision support systems for efficient fire suppression
 - Fire propagation and behavior simulation and prediction
 - Wind speed and direction interpolation for wildfire simulation and modeling
- Wildfire post analysis
 - Remote sensing for fire analysis
 - Using volunteer geographical information (VGI) for fire analysis
 - Statistical approaches for fire season analysis
 - Data mining techniques for spatial and temporal distribution of fire reports
 - Mapping fire ignitions and spatial analysis
 - Remote sensing and mapping in wildfire management
 - Fuels and fuel load estimation
- Wildfires in future
 - Climate change scenarios and future fire regimes
 - Use change detection and fire susceptibility

[Call for papers on Wildfire track](#)