

Special Issue

Managing Forest Wildfires in Climate Changes: New Paradigms and Challenges

Message from the Guest Editors

Climate change has become a central theme of global discussions on environmental issues, in an attempt to ensure that the agreements signed in the past to reduce global emissions of greenhouse gases can be fulfilled. In recent decades, catastrophes arising from anthropic actions and also resulting from natural processes that affect millions of people worldwide have been observed on all continents. Forest fires associated with anthropic issues and the increase in global temperature in recent decades have been the scene of several studies involving numerous researchers. Remote sensing has been gaining new ground and new applications in recent years, being able to generate climate data from natural spaces. The understanding of the monitoring carried out by remote sensors allows the establishment of observations and accurate analysis of climatic data and natural phenomena. In view of the global panorama of combating climate change, and considering the vulnerability of forests, it is important to understand past events of deforestation and fire outbreaks to understand their effect on the carbon cycle and ecosystem services of the forest.

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