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Forest Fires under Climate, Social and Economic Changes

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Message from the Guest Editors

During the last few decades, fire activity has been changing in many areas across the world. Changes in climate, landscapes and socioeconomic factors are also associated with such variations. This is particularly important in areas where humans are the major source of ignition and of landscape change and its flammability. Changes in climatic conditions (i.e., warming, increased aridity), the increase in landscape hazardousness as result of LULC changes (i.e., land abandonment, afforestation) and socio-economic restructuring changes due to rural exodus (i.e., population decline, shifts in economic activities) may increase fire activity. Since all these fire drivers are projected to continue to change in the future, addressing how such factors will interact and drive changes in future fire regimes regionally is challenging. We encourage studies from all fields, including experimental studies, monitoring approaches and models to contribute to this Special Issue in order to promote knowledge about dynamical role of driving factors (climate, social and economic changes) on fire activity.



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Special Issue



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