

Supplementary Table S1 Forest fire factors and their classification in the study area.

type	factor	coding	resolution
Meteorology	Daily average temperature	Da_AVGTEM	Daily
	Daily maximum temperature	Da_MAXTEM	Daily
	Daily minimum temperature	Da_MINTEM	Daily
	Daily average relative humidity	Da_AVGRH	Daily
	Daily precipitation	Da_PRE	Daily
	Daily average winds peed	Da_AVGWIN	Daily
	Daily maximum wind speed	Da_MAXWIN	Daily
	Daily average air pressure	Da_AVGPRS	Daily
	Sunshine hours	SSD	Daily
	Daily average ground surface temperature	Da_AVGGST	Daily
	Daily maximum ground surface temperature	Da_MAXGST	Daily
Topography	Elevation	Elevation	30m
	Slope	Slope	30m
	Aspect	Aspect	30m
	Topographic wetness index	TWI	30m
Vegetation	Vegetation type	Forest	1:1,000,000
	Distance to the nearest road	Dis_to_road	1:250,000
	Distance to the nearest railway	Dis_to_railway	1:250,000
Human activity	Distance to the nearest settlement	Dis_to_sett	1:250,000
	GDP	GDP	1km
	Density of population	Den_pop	1km