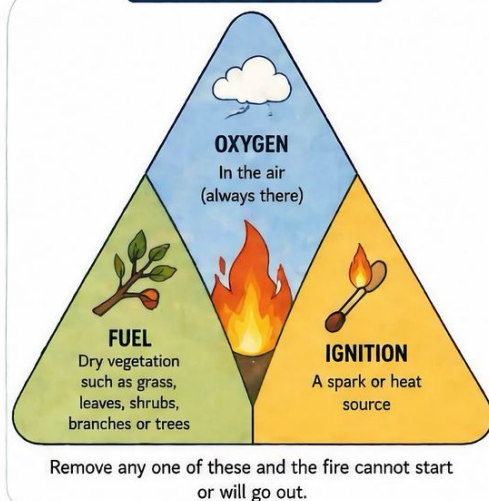


Illustration 10.4 - Fire

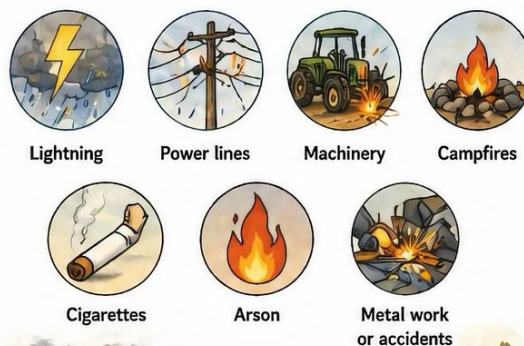
10.4 FIRE: THE RIGHT CONDITIONS

Fire needs the right conditions to start and spread. Three things are essential: fuel, oxygen and ignition.

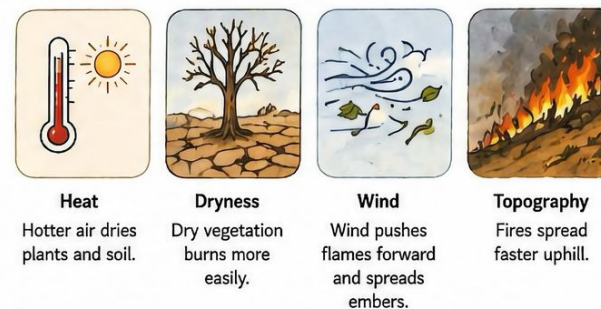
THE FIRE TRIANGLE



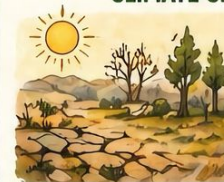
IGNITION CAN COME FROM MANY SOURCES



FIRE WEATHER MAKES FIRES WORSE



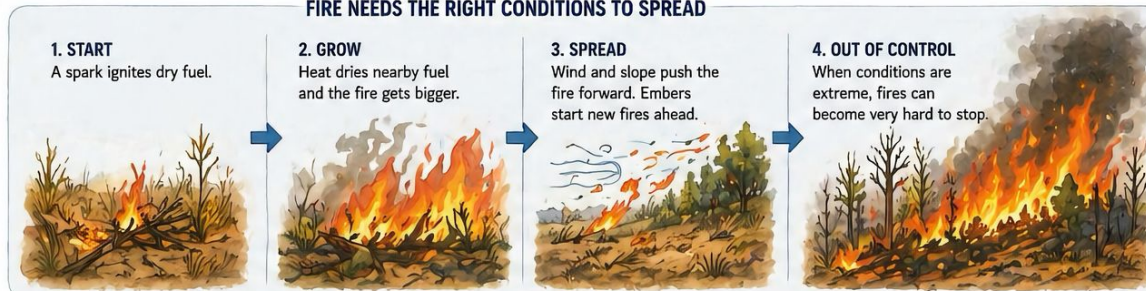
CLIMATE CHANGE AND FIRE RISK



Climate change does not provide the spark. But it can make heat, dryness and some wind conditions more common and more extreme.

That can mean more days of high fire danger in many regions.

FIRE NEEDS THE RIGHT CONDITIONS TO SPREAD



KEY MESSAGE

Fire needs fuel, oxygen and ignition. Climate change does not light the match, but it can make the conditions more dangerous when a spark appears.



Hotter
air

+



Drier
land

+



Stronger
winds

=



More
fire danger

IT IS TOO SIMPLE TO SAY...



“Climate change caused that fire.”

Fire risk depends on many things: weather, vegetation, land management, housing patterns, firefighting capacity and human behaviour.



“...climate change has nothing to do with it.”

A warmer, drier world can make some fires start more easily and spread more rapidly when a spark occurs.