

5. Even though the forest fires can be a catastrophic event, it doesn't necessarily spill disaster everywhere. Justify.

Forest fire some time replenish the ecosystem. There are some life life need fire for the survival. Many plant in Southern US, Mediterranean region or in Australia actually need fire for survival.

- Plant
1. Douglas fir - a conifer species - survive in fire - after fire it sprout.
 2. North american lodgepole pine → cones open when heated and release seed
 3. Australian grass tree → need smokes to open it seeds pods

Even some animal like beetle and stork need fire → lay egg in recent forest fire.

Tropical evergreen forest in

- South America
- Mediterranean region
- Africa
- South east Asia

} fire sensitive.

Devastating forest fire is necessary for the rejuvenation of other ecosystem. Fire will consume old and diseased trees and create a new habitats. and ensure an ecological rejuvenation of the tree population.

Forest fire on other side creating habitats loss for many animal, plant and human. Loss of nutrient. All the nutrient will be saved in tree/plant during forest fire all nutrient get lost.

It will take atleast 3 years to recreate the nature habitat in the fire forest. Some time small fire will lead to large forest fire.

Forest fire lead to global warming — 85% Green house gas
30% Global carbon increase
10% - methane emission
85% - soot emission

Contribution greatly to global warming → lead to forest become dry
→ which lead to further forest fire.