

18/AUG/2023

IAS Preparation



DATE

Q. Climate change is fueling wildfires across the world. Analyze with suitable examples. (150 words)?

Wildfires is the phenomena of burning of forest, grassland by consuming both natural setting and artificial causes. It is an uncontrolled combustion.

Recently, in 2023, Hawaii wildfire is in news, destroying a huge ecosystem. Other examples of wildfires are in Amazon (2019) forest, Mizoram had the highest number of forest fire incidents in India.

Reasons behind Wildfires :-

(1) Global Warming :- Intense heating of land, green house gas emissions releasing Methane, natural fuel creation all together generate Wildfires.

(2) Natural Causes :- Lightning ; High atmospheric temperature and low humidity

(3) Artificial Causes :- Naked flame ; Cigarette, Electric spark etc can also ~~set~~ cause the Wildfires.

But Change in Climate ; Global warming, less precipitation ; High sealevel are the major concern for the Wildfires.



WAY forward :-

- (1) The creation of forest line all around the forest boundary will help in preventing it from wildfires.
- (2) Forests should be divided into compartments through forest line so that fire don't catch entire at once.
- (3) Climate change preventions should be taken care of. And COP27, Kyoto protocol rules should be implemented strictly.
- (4) Safe practices Rules should be taken by factories, coal mines etc.
- (5) Improvement in fire techniques, tools, technology for reducing the wildfires.