



HIMALAYAN FOREST RESEARCH INSTITUTE, SHIMLA

SEMINAR ON “FOREST FIRE AND ITS MANAGEMENT”

Background

Forest fire is quite a common problem and history of it goes as old as the forests are. These have been found responsible for altering the habitat of flora and fauna of the entire affected regime. The causes of forest fire may be natural or man-made but one of the main reasons behind forest fire in India is the anthropogenic and the prolonged dry weather. The steep slopes, high wind speed, high temperature and accumulated inflammable material on ground floor are normally accountable for quantum of their damage, frequency and size of the forest fire. Forest fires are classified as crown fires, surface fires and ground fires. The majority of fire is intentional; mainly for grass production on ground or socio-economic conflict on land. Forest fire is certainly an amalgamation of number of ecological process as it interacts with other processes, control landscape pattern, species diversity, influences resource availability, nutrient cycling, and water yield including erosion. The composition of forest differs from site to site such as plains, foothills and upper mountains. The impact of forest fire, however, also depends upon the intensity, structure of forest community, amount of fuel and number of occurrence of forest fire. It also influences soil nutrient availability and natural regeneration.

In spite of the best efforts to manage and control forest fire, forest fires are occurring every year which necessitates further discussion with specific objective to deliberate upon the strategies and recent advances in forest fire management practices which requires a balanced approach of suitable mix of formal input of forest department, researchers, NGOs local people to achieve the mandated output.

In view of the above, Himalayan Forest Research Institute, Shimla invites participation from academicians, researchers, SFD officials and all other interested groups dealing with the topic of the seminar to discuss and deliberate on the issue.

Abstract may be sent to Dr. Ranjeet Kumar, Scientist-E on his mail ranjeet@icfre.org latest by 1st Feb. 2018.

Seminar themes:

- Identification of the causes and impact of forest fire
- Prevention, management and control of forest fire
- Identification of safety measure to be taken during forest fire

Date: 8th February, 2018

For more information, please contact:

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