



सत्यमेव जयते



Resilient India - Disaster Free India



75 Azadi Ka Amrit Mahotsav

Online Webinar

“Geohazards: Risk Assessment and Mitigation Strategies”

29 March, 2022; 11:00 AM - 1:00 PM



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Geohazard is an extreme event that occurs naturally and causes harm to ecosystem including humans. An extreme event is simply an unusual event and has both natural and artificial components. As hazards are threats of harm mainly to human systems. Human activities play a significant role in how severe a hazard is. Therefore severity of the impacts from a natural hazard depends on both the physical nature of the extreme event and on the details of human development decisions.

The severity of a disaster is commonly measured in terms of monetary loss of the damage which it causes and/or mortality. Thus, natural hazards can have economic, social and environmental consequences. The risk of these occurring can vary greatly depending upon intensity of natural hazards. Therefore, risk assessment is an integral component of disaster management strategies. Human activities can influence on how often certain natural hazards occur and how severe they are. Understanding when, where, why and how natural hazards occur can help us to understand how to abate their impact on our planet. Mitigation strategies includes characteristics of particular hazard, causes of hazard, measures that can be taken beforehand to avoid or lessen the impact of these events, and what individuals need to do during and after the event to protect themselves.

The webinar aims to address the cause and effect of geohazards, and explore role of planning and monitoring to mitigate the impact by applying risk assessment techniques.

Speakers



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Geologist
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