

Concept Note
Forest Officer training
On
**“Disaster Response & Relief Measures in Valsad &
Surat Forest Circle”**

(26th June & 05th July 2024,)

District Outreach Training program
(Valsad & Surat Circle)

Organised by



Gujarat Institute of Disaster Management
&
Forest & Environment Department,
Government of Gujarat

Concept Note

Hazards in the forest areas of Gujarat, India, pose significant risks to both the environment and local communities. The intense monsoon rains often lead to severe flooding; majorly in south Gujarat area causing habitat destruction, loss of biodiversity, and disruption of livelihoods. Addressing these challenges necessitates a comprehensive training program focused on understanding flood hazard; response and relief efforts.

An understanding about flood and early warnings are essential to mitigate the impacts of floods. It is possible by integrating advanced technologies such as remote sensing, geographic information systems (GIS), and hydrological models (ISRO and CWC Services), that ultimately enhance the response planning and execution against devastation of flood.

The automated weather stations at river, reservoir gauge & sensors may be utilised as a real-time data on rainfall and river levels for hyper local level alerts to local authorities and nearby communities through SMS alerts, community radios, and social media platforms.

The effective risk communication and proactive approach allows department and communities to prepare and respond more effectively, reducing the potential impact of hazard.

Rapid technology based information system & quick survey help in assessing the extent of hazard affected areas and identifying areas requiring immediate intervention.

Response and relief operations in forest areas require meticulous planning and coordination due to the rugged terrain and limited accessibility;

Establishing temporary shelters equipped with essential supplies such as food, water, and medical aid is crucial for providing relief to affected communities. Collaboration with non-governmental organizations (NGOs) and local self-help groups facilitate the effective distribution of relief materials.

Considering the same, this training program is planned to enhance the capacity of forest officials, local authorities and communities to respond effectively to flood hazard in Gujarat's forest areas.

Tentative Schedule

Time	Topic	Partner Agency/ Resource person
26th June & 05th July 2024		
09.00hrs - 9.30hrs	Registration, Introduction to GIDM Portal, 5 Hrs. Course, Pre-Test	Dr. Sandeep Pandey, APSPM, GIDM
09.30hrs - 10.00hrs	Basics of Disaster Risk Management	Dr. Sandeep Pandey, APSPM, GIDM
10.00hrs - 11.00hrs	Understanding Flood Risks: Overview of flood risks in Gujarat's forest areas, Historical flood data and case studies, Impact of floods on communities and the environment	Expert from CWC/NWRWS&K Dept.
11.00hrs - 12.00hrs	Flood Early Warning System in Gujarat: Community based Early Warning and Preparedness	Expert from CWC/IMD
12.00hrs - 13.30hrs	Handling Medical Emergency: (First-aid in Fainting,dehydration,low sugar in blood, bleeding, Drowning, Snake Bites, electrocution, CPR,	First-aid Expert
13:30 – 14:30	LUNCH	
14.30hrs - 16.30hrs	Forest fire and Emergency Management related to fire Hands on Training, Fire Extinguisher (A,B & C type)	Fire Expert
16.30hrs - 16.45hrs	TEA BREAK	
16.45hrs - 18.00hrs	Rescue methods, Knots, type of Knots and rescue from cliff and high elevations, Do's & Don'ts Practical Demonstration on Swift Flood Rescue Hands on Experience of the operation and equipment	Flood Rescue Experts
18.00hrs - 18.20hrs	Valedictory Session/Post-test	GIDM