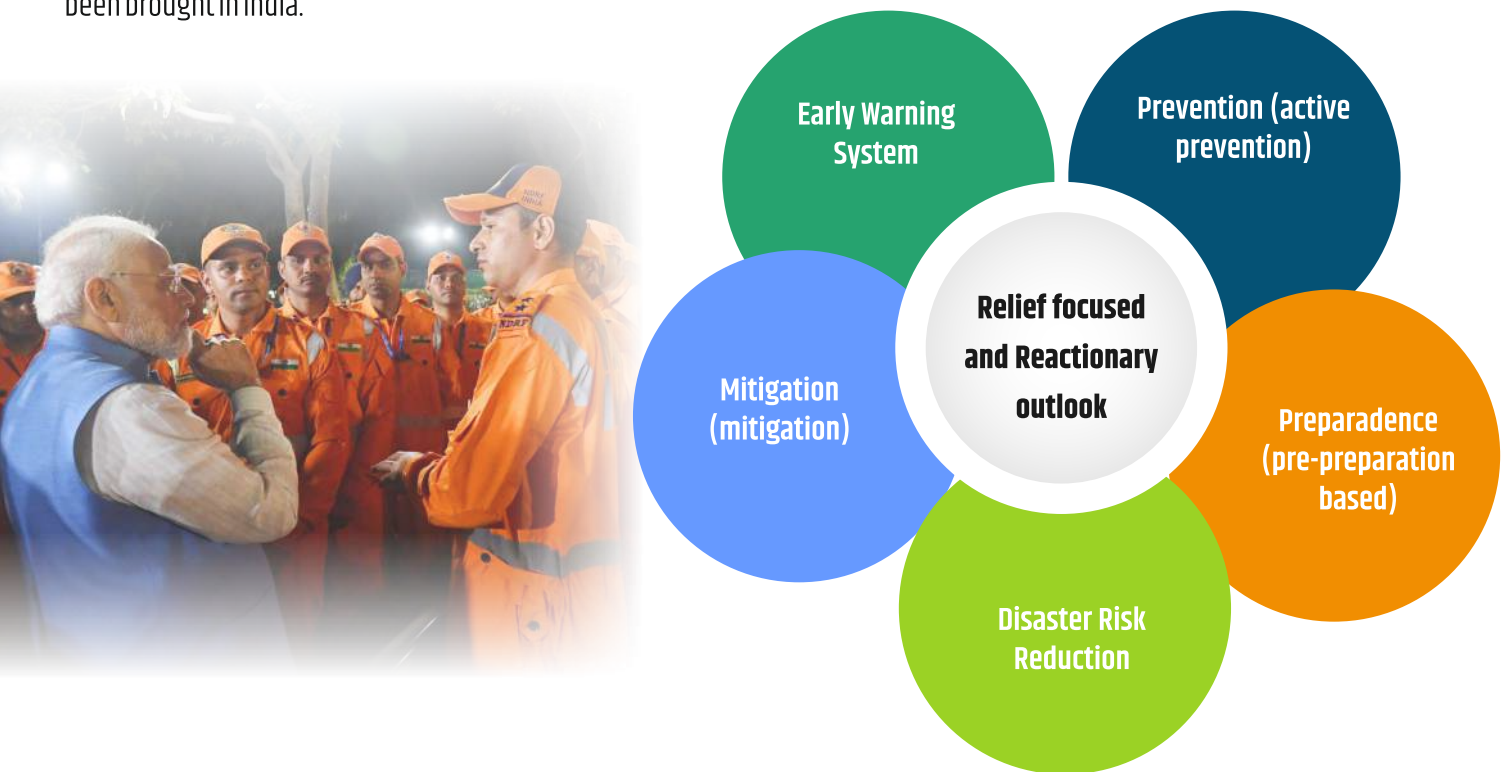


# Disaster Management

Holistic Approach of Awareness, Vigilance, Relief, Rescue, Rehabilitation

**Approach:** Under the leadership of Prime Minister Shri Narendra Modi, a holistic and integrated approach to disaster management has been brought in India.



## Important policy decisions

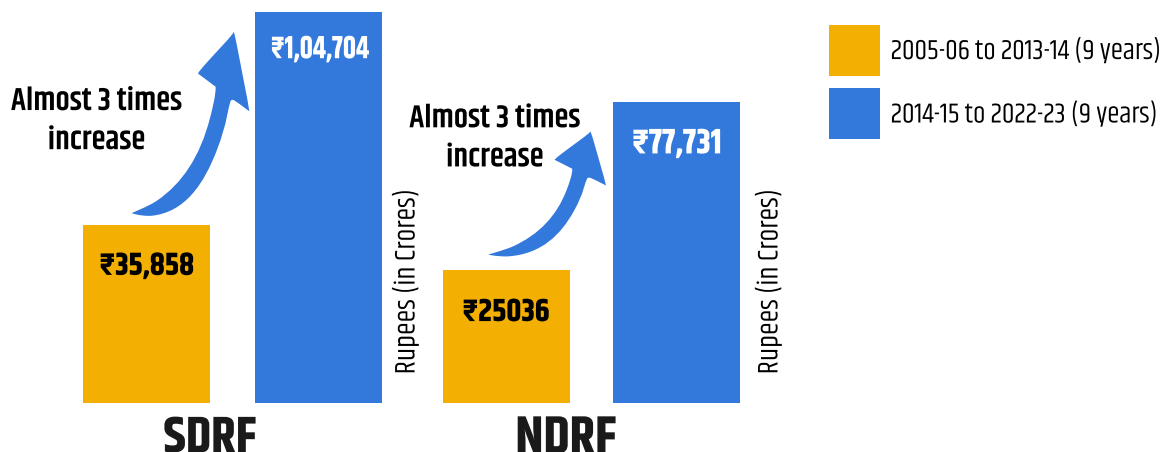


# Major success in disaster management



- ▶ Success in implementing a robust early warning and first responder system, which is benefiting not only India but also our neighbouring countries.
- ▶ Our efforts have reduced the loss of lives and property due to cyclones by about 98%.
- ▶ Similarly, we achieved a significant reduction in heat wave-related mortality .
- ▶ Even in the midst of COVID, when many of our critical assets such as oxygen-generating units were in the cyclone affected zone, the system has responded effectively.
- ▶ In June 2016, Prime Minister Shri Narendra Modi launched the National Disaster Management Plan (NDMP).
  - ▶ Horizontal and vertical integration among all agencies and departments related to disaster management has also been laid down in a matrix format.
- ▶ On June 13, 2023, Union Home Minister and Minister of Cooperation, Shri Amit Shah chaired a meeting with Ministers of Disaster Management of the States/Union Territories and announced three major schemes worth more than ₹8000 crore for disaster management in the country –
  - ▶ ₹5,000 Crore project to expand and modernize fire services across states.
  - ▶ ₹2,500 Crore project to reduce the risk of urban flooding in the seven most populous metros – Mumbai, Chennai, Kolkata, Bengaluru, Hyderabad, Ahmedabad and Pune.
  - ▶ ₹825 Crore National Landslide Risk Mitigation Project for 17 States and Uts.
- ▶ Establishment of National Disaster Response Reserve (NDRR):
  - ▶ National Disaster Response Reserve (NDRR) with a revolving fund of ₹250 crore to keep the inventory ready to provide immediate relief.
- ▶ "Active Availability" of NDRF Force: In states under the policy of "pre-deployment".
  - ▶ NDRF has established 06 additional corps since 2014 to provide immediate relief.
  - ▶ NDRF has 16 operational vessels.
  - ▶ NDRF teams set up Regional Response Centres in 28 cities across the country.
  - ▶ The presence of NDRF team and their transport system was streamlined.
  - ▶ Formation of SDRF in all states: Except Telangana, Almost all states or is taking up specific tasks of disaster response from state police/home guards etc.

- ▶ Disaster Fund Distribution: Under scientific process
- ▶ National Disaster Mitigation Fund (NDMF) was formed in February 2021.
- ▶ Allocation of ₹13,693 crore under NDMF; and
- ▶ ₹32,031 crore under State Disaster Mitigation Fund (SDMF).



- ▶ Send proactive IMCT
  - ▶ Today, immediately after the natural calamity and without waiting for the memorandum of the State Government, it is being sent to IMCT.
  - ▶ In the last 4 years, 73 IMCT teams have been sent to various states and are dispatched within 10 days.

- ▶ IDRN (India Disaster Resource Network): A nationwide electronic catalogue.
  - ▶ 2,99,121 new records have been updated between January 1, 2022 and June 11, 2023.

- ▶ Establishment of NDRF Academy: The foundation stone of NDRF was laid by Hon'ble Home Minister on January 2, 2020 at Nagpur.

- ▶ Disaster Friend Scheme:
  - ▶ The 'Disaster Mitra Scheme' has been implemented in 350 multi-risk disaster prone districts.
  - ▶ The goal is to train more than 1 lakh young volunteers.
  - ▶ All of them will also be provided life insurance by the government.
  - ▶ So far, 83,024 volunteers have been trained.
  - ▶ Disaster Mitra Scheme approved with total outlay of ₹369 crore.

“Disaster management is now a shared responsibility instead of being a solely government obligation. It requires a collective effort from all individuals.”

- **Shri Narendra Modi** (Hon'ble Prime Minister)



- ▶ Common Alerting Protocol (C. A. P.): Launched in March 2021 with an outlay of ₹354 crore to provide geographically based instant alerts through mobile phones regarding emergencies/disasters. Common Alerting Protocol Integration of this platform with IMD Headquarters (+29 Centre), CWC Headquarters INCOIS Headquarters and DGRE has been completed. Along with this, integration with FSI, Satellite Receiver (Gagan 0 Navik) and Telecom Service Provider has also been completed. Common Alerting Protocol (C. A. P.) Proof of concept for Coastal Siren and integration with Google is in progress.
- ▶ The National Disaster Management Information System (NIDMS) Portal - Portal has been launched for collection of sector-wise data on disaster losses and development of a comprehensive online module to monitor progress on various indicators under the four (04) goals of the Sendai Framework for Disaster Risk Reduction (SFDRR).
- ▶ 'Dial 112' Emergency Response Support System (ERSS) was approved with an outlay of ₹41 crore for disaster emergencies.
- ▶ The India Universities and Institutions Network for Disaster Risk Reduction (IUIN-DRR-NIDM) was set up. So far, 251 universities have been added to IUINDRR.
- ▶ The Government of India has instituted the Subhash Chandra Bose Disaster Management Award .
- ▶ A model bill for the provision of maintenance of fire and emergency services for the states has been sent by the Ministry of Home Affairs to all the states by 16 September 2019.
- ▶ Mobile Application
  - ▶ Weather - For daily weather information, forecasts and warnings of cyclones, heavy rainfall, heat wave, cold wave etc. and severe weather for the general public
  - ▶ Meghdoot - For weather based agricultural management by farmers.
  - ▶ Damini - Lightning warning available in 15 languages.
  - ▶ A special app for crowdsourcing weather information.



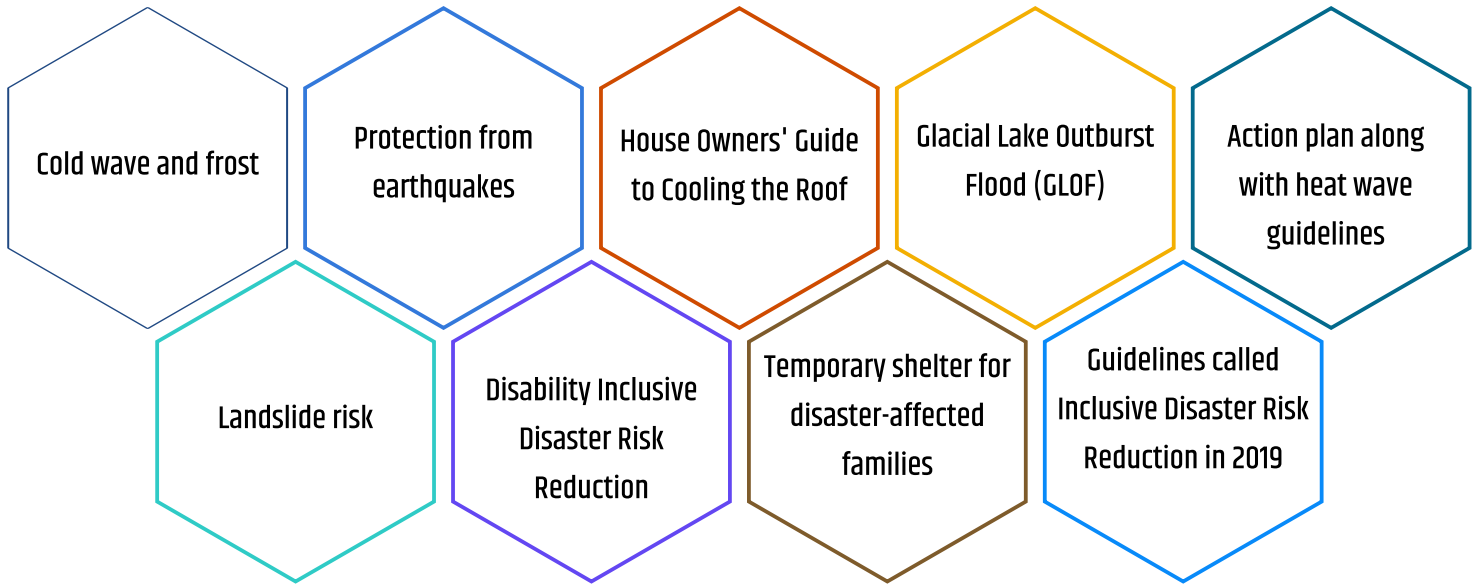
When a disaster or emergency occurs in any part of the country and people learn that the NDRF (National Disaster Response Force) or SDRF (State Disaster Response Force) is on the spot, half of their worries are relieved.

- **Shri Amit Shah** (Hon'ble Home Minister)

In the recent past, under the provisions of the Disaster Management Act in the field of disaster management, about 32 guidelines have been made on disasters like Hazard Specific, Covid-19,



## Out of which 8 guidelines have been made in the last 4 years...



## International Cooperation



Asian Ministerial Conference on Disaster Risk Reduction (AMCDRR): During November, 2016, Hon'ble Prime Minister announced a 10-point agenda on Disaster Risk Reduction (DRR) in New Delhi.



Establishment of Coalition for Disaster Resilient Infrastructure (CDRI):

- ▶ The Government of India has committed financial assistance of ₹480 crore for a period of five years from 2019-20 to 2023-24.
- ▶ 31 countries and 6 international organizations and 2 private sector organizations have joined this alliance.
- ▶ In the light of the Cabinet's decision to classify CDRI as an international organization, a "Headquarters Agreement" has been signed between CDRI and Government of India on August 22, 2022.



Meeting the United Nations standards of international disaster rescue, NDRF is striving to get global recognition from INSARG (International Search & Rescue Advisory Group), which will enable the force to carry out search and rescue operations on united nations mandated international standards.



February 2023: Three teams comprising 151 NDRF personnel were sent to Turkey with all necessary equipment for search and rescue operations in the affected areas of Turkey devastated by a massive earthquake.