



**SAARC**  
Disaster Management Centre (IU)



**Regional Workshop**  
on  
**Assessing Drought Risks using Earth Observation Data**  
&  
**Launch of South Asia Drought Management System (SADMS)**  
*Utility of SADMS tool for operational drought decision support across South Asia*

◆————◆  
**Date: 31st August to 2nd September, 2022**  
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**Gandhinagar, Gujarat, India**

# Session – III Drought Management efforts in South Asia

Country Name: Nepal

## Drought Management efforts in South Asia

## Management of drought: Current scenario

- Public Information System (EWS-weather forecast and awareness)
- Water Service System (Irrigation, Environment/CC Programs)
- Institutional Arrangements ( 3 tier Govt. –Councils, Ministries, National Disaster Risk Reduction and Management Authority, Security Agencies, EOCs)
- Protection, support and assistance (Crop insurance, cash and commodity support, Service support)
- Preparedness and management plans (Federal, Provincial and Local Govts.)

## Current policies for drought management

- Directive principles and policies in Constitution of Nepal, 2015
- National Policy for Disaster Risk Reduction 2018
- Disaster Risk and Management Act, 2017 and Regulation 2019
- DRR Strategic Action Plan, 2018-2030
- National Disaster Response Framework (NDRF) 2013
- Disaster Relief and Rescue Standard
- Provincial and Local Govt. (Act. Frameworks, Policies)



## Drought resilience initiatives across multiple sectors

- Ministerial responsibilities and coordination mechanism
- Technological advancement (Weather forecast, crops, seed bank)
- Awareness
- Water resource mgmt. (irrigation projects, river diversion, river dams)
- Climate data sharing

## Current procedure to declare a drought

- Use reliable data source (The DHM)
  - Declare disaster (GoN- MoHA)
  - Specify area and time
  - Public Notice (Gazette)
- (Disaster Risk and Management Act, 2017)

## **Current procedures & policies to promote timely contingency measures**

- Dissemination of normal seasonal calendar
- Weather report
- DEOC, REOC and NEOC activated
- LDMC, DDMC, NDMC
- Mobilization of Security Agencies, Partners and respective governments.

**(incorporated in Disaster Management)**

## Future needs and expectations

- Drought Specific Policy and Procedure, integration in DRR policies
- Implementation of land use policy specially focusing on urban settlement
- Database, Analysis and Dissemination
- Capacity Building
- Technological Advancement
- Vulnerability Assessment
- Vulnerability reducing skills to communities
- International support



## Additional information

- Impacts of climate change- water towers, river basin, glacier lake
- Urbanization and its impact on agriculture system
- International migration and its impacts
- ICT Advancement



Thank you