

विपद् जोखिम न्यूनीकरण तथा व्यवस्थापनका क्षेत्रमा प्राधिकरणबाट भइरहेका कार्य र आगामी कार्यदिशा

डा. डिजन भट्टराई
उपसचिव

राष्ट्रिय विपद् जोखिम न्यूनीकरण तथा व्यवस्थापन प्राधिकरण

परिचय

- विपद् जोखिम न्यूनीकरण तथा व्यवस्थापन ऐन, २०७४ को दफा १० बमोजिम राष्ट्रिय विपद् जोखिम न्यूनीकरण तथा व्यवस्थापन प्राधिकरणको स्थापना भएको ।
- प्राधिकरण स्थापना भई कार्यसञ्चालनमा आएको करिब २ वर्ष हुन लागेको छ । प्राधिकरण स्थापनासँगै कार्यकारी प्रमुखको नियुक्ति २०७६/०७/२९ गते भएको
- प्रधानमन्त्रीज्यूको अध्यक्षतामा विपद् जोखिम न्यूनीकरण तथा व्यवस्थापन राष्ट्रिय परिषद् रहेको छ भने गृहमन्त्रीज्यूको अध्यक्षतामा विपद् जोखिम न्यूनीकरण तथा व्यवस्थापन कार्यकारी समिति रहेको ।
- प्राधिकरणले कार्यकारी समितिको प्रत्यक्ष रेखदेख र नियन्त्रणमा रही काम गर्नेछ ।
- परिषद् र समितिको सदस्य-सचिवका रूपमा प्राधिकरणका कार्यकारी प्रमुख रहने व्यवस्था ऐनले गरेको छ ।

परिचय

- यस प्राधिकरणलाई विपद् जोखिम न्यूनीकरण तथा व्यवस्थापन सम्बन्धी केन्द्रीय स्रोत निकायको रूपमा कार्य गर्ने अधिकार रहेको छ ।
- नेपाल सरकार मन्त्रिपरिषद्को मिति २०७७/०६/११ को निर्णयले संगठन संरचना स्वीकृत भएपछि ३८ जनाको दरबन्दी सहित प्राधिकरण कार्य संचालनमा रहेको छ। हाल यसको केन्द्रीय कार्यालय सिंहदरबार, काठमाण्डौमा रहेको। आवश्यकतानुसार अन्य स्थानमा कार्यालय स्थापना गर्न सक्नेछ ।
- मिति २०७८ कार्तिक ३ गते बसेको राष्ट्रिय परिषद्को बैठकले प्राधिकरणबाट सञ्चालन हुने गरी रु १ अर्बको विपद् व्यवस्थापन कोषको स्थापना भएको छ । यसको परिचालन सम्बन्धी कार्यबिधि बनिरहेको छ ।

प्रभावकारी विपद जोखिम न्यूनीकरण तथा व्यवस्थापनका सन्दर्भमा प्राधिकरण के गर्दैछ

जोखिमको जानकारी

- Structural Integrity Assessment (SIA)
- bipadportal को Integration & Localizaiton (Committee गठन, परिषद र कार्यकारी समितिको निर्णय)
- Communication Strategy
- Communication and outreach
 - International Disaster Risk Reduction Day
 - National Earthquake Day
 - International Lightning Day
- Disaster Risk Assessment(bipad portal, for all hazards and risk information)
 - Drone and Risk Analytics Cell (Drone Guideline needs to be updated)
 - Satellite Imageries and Remote Sensing, GIS

संघ प्रदेश र स्थानीय तहमा शासकीय पद्धतिको सुदृढीकरण

- क्षमता अभिवृद्धि
- SWC सँग मिलेर mdsa.bipad.gov.np लाई प्रभावकारी बनाउने
- NGO/INGO को समन्वय सहजीकरण (NGO Mobilization Guideline, Branding & Marking Guideline)
- एकीकृत कार्यविधि (निजी आवास अनुदान)
- Closure of NRA and Handover of Data, Knowledge, systems (software)
 - NDRF (National Disaster Resilient Framework 2022-2030)
 - HRRP
 - Reconstruction Portal
 - Research Center
 - Disaster Museum
- १० वर्षे विपद् व्यवस्थापन महाअभियान
- GESI Strategy
- Strong Co-ordination mechanism with Ministries, Provincial, District and local level
- NEOC, PEOC, DEOC & LEOC र प्राधिकरण वीचको Linkage Strengthening

जोखिम न्यूनीकरणका लागि सार्वजनिक तथा निजी लगानी प्रवर्द्धन

- MDTF no cost extension
- GCF supported project proposal
- WB supported Climate Adaptation and Resilience for South Asia (CARE) project
- ३ जिल्लामा आगलागी जोखिम नियन्त्रण सम्बन्धी नमूना कार्यक्रम

पूर्व तयारी तथा प्रतिकार्य

- Simulation (DRILL) Guideline
- ७ प्रदेशका ३८ वटा स्थानीय तहहरूको Disaster Resilient Framework (सबैमा पुर्याउने योजना)
- Strengthening Response System
 - Mass Casualty Vehicle & A grade Ambulance
 - Fire brigade, Robotic Fire Fighting
 - Search & Rescue equipment
 - Resource Mapping System
 - ICS (Incident Command System)
 - DEOC's Strengthening
 - PEOC, LEOC's establishment & strengthening
- Psycho-social counseling with spiritual philosophy

पुनर्निर्माण तथा पुनर्स्थापना

- मनसुनजन्य विपद् प्रभावित निजी आवास अनुदान कार्यविधिमा संशोधन
- आगलागी प्रभावित निजी आवास अनुदान
- एकीकृत अनुदान कार्यविधि तर्जुमा
- अनुदान वितरण Recording & Reporting System
- डुबान तथा कटान प्रभावित तराईका जिल्लामा आश्रय स्थल निर्माण
- सुरक्षित स्थानमा बस्ती स्थानान्तरण तथा एकीकृत बस्ती विकास

अध्ययन, अनुसन्धान तथा तालिम

- प्रदेश तथा स्थानीय तहमा क्षमता अभिवृद्धि कार्यक्रम
- E-learning Platform
- जलवायु परिवर्तन लगायत विभिन्न जोखिमहरुको अध्ययन
- गोताखोर तालिम
- DRILL & Simulation training through DEOCs

बहुप्रकोपीय पूर्व सूचना प्रणाली

- Early Warning System (All Hazards, all media, all stakeholders)
 - Landslide, flood, forest fire, Lightning, Windstorm and Earthquake
- Common Alert Protocol (CAP)
- Impact Based Forecasting (IBF)

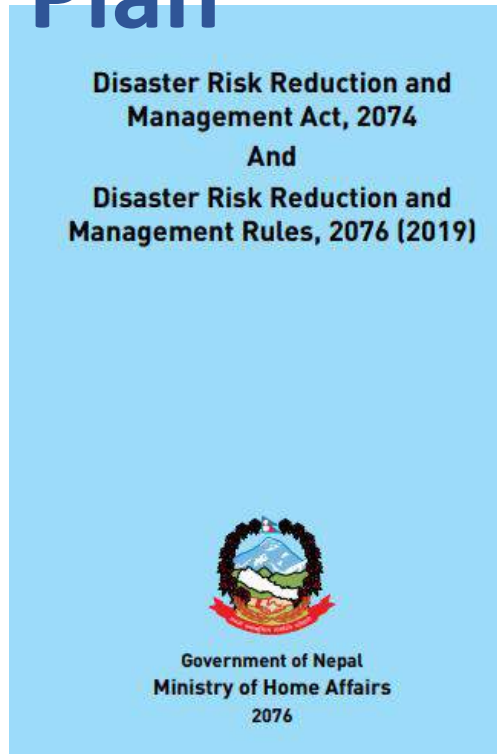
विपद् जोखिम वित्तीय व्यवस्थापन

- Disaster Risk Financing Strategy को कार्यान्वयन कार्ययोजना
- JICA-Rural Recovery Project
- Insurance Mechanism for Risk Financing

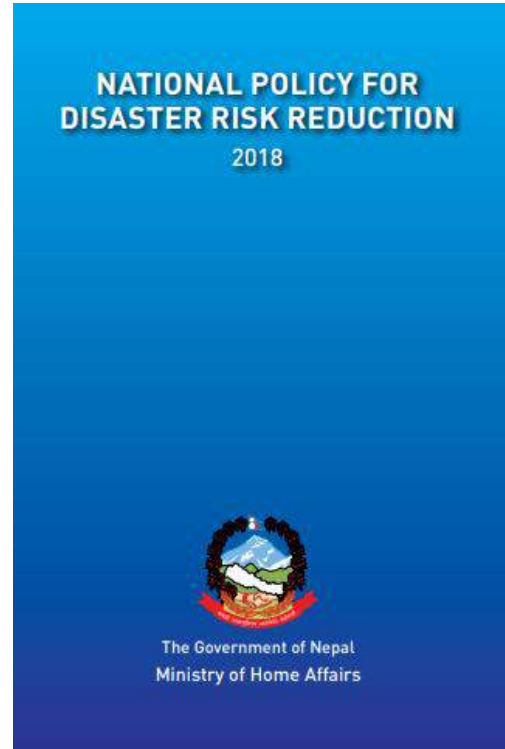
उपरोक्त ८ वटै विषय क्षेत्रमा कार्य गर्न सक्षम हुने गरी प्राधिकरणको सुदृढीकरण

- Restructuring of NDRRMA (O&M \ अस्थायी दरबन्दी)
- ऐन र नियमावली बमोजिम विपद् व्यवस्थापन कोष सञ्चालन कार्यविधि तर्जुमा
- कोषको लागि बजेट निकासा

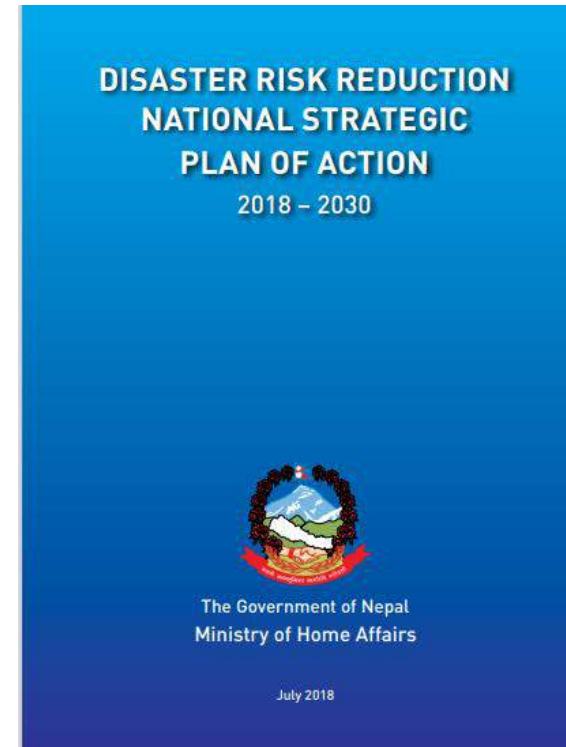
DRRM Act, Policy and Strategic Action Plan



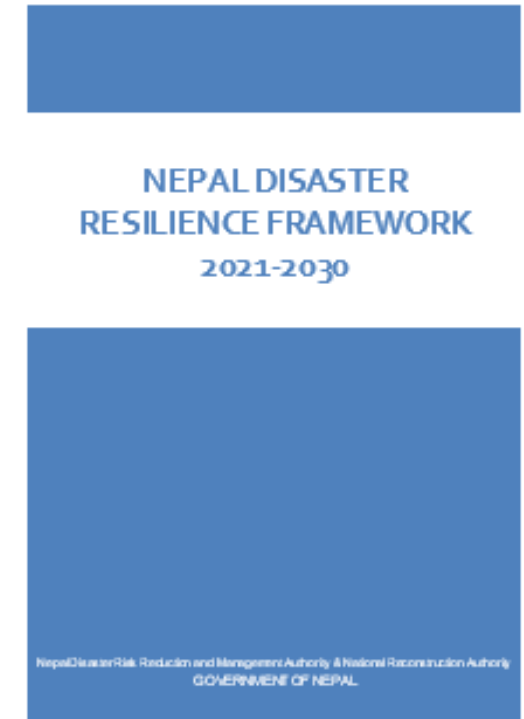
DRRM Act, 22 Oct 2017 Amended 3 March 2019



DRRM Policy, 2018

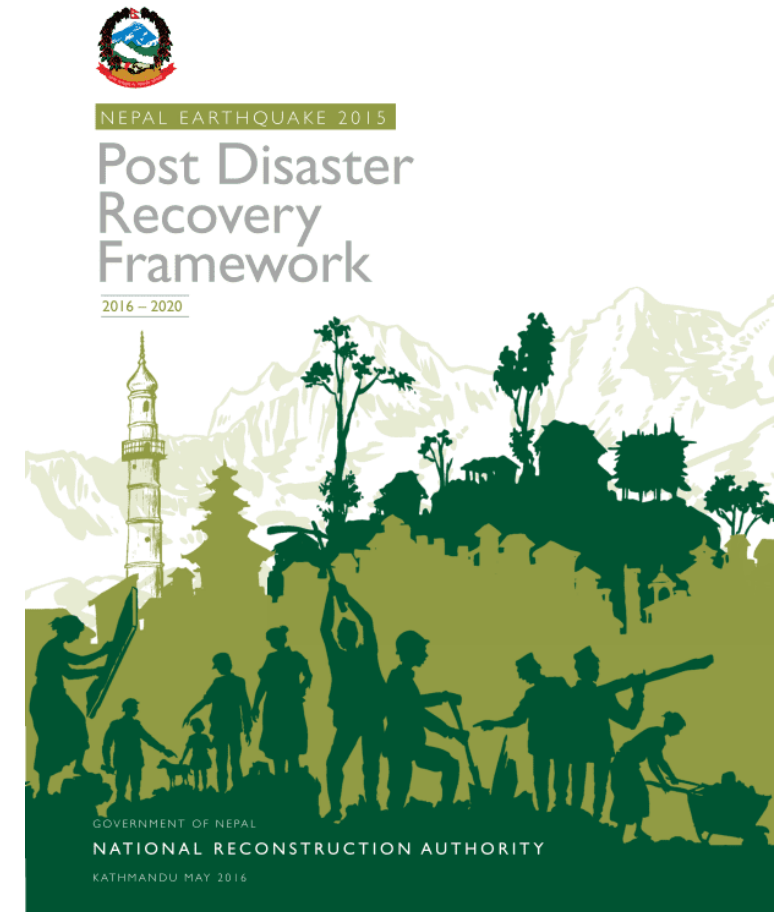
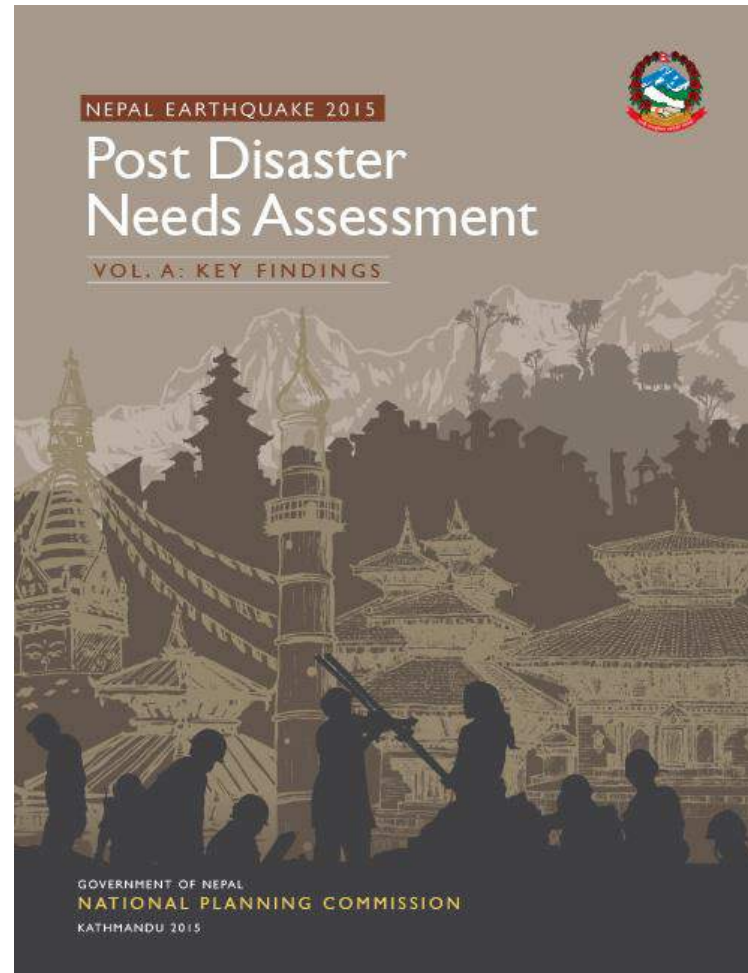


DRRM Strategic Plan of Action, 2018 -2030



Nepal Disaster Resilience Framework 2030 (draft)

NRA's Post Disaster Needs Assessment (PDNA) & Post Disaster Recovery Framework (PDRF)



Priority Areas



Priority Area 1

Understanding Disaster and Climate Change Risk

- [Goal 1.1](#) Identification of multi-hazard disaster and climate change risk of communities and municipalities
- [Goal 1.2](#) Structural Integrity Assessment of all public and private schools, health facilities and public buildings and heritage monuments for key hazards will inform risk, investments and scope of work.
- [Goal 1.3](#) Establish disaster and climate change risk screening and assessment system for sectoral development projects
- [Goal 1.4](#) Transboundary risks are assessed. E.g GLOF along the Nepal –China and Flood Risk - inundation, sand deposition and bank cutting risks Nepal-India border.

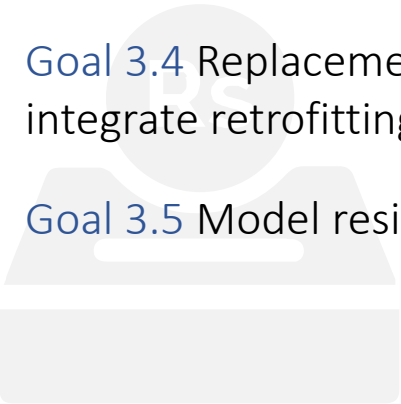
Priority Area 2

Strengthening Disaster Risk Governance at Federal, Provincial & Local Levels

- [Goal 2.1](#) Delineation of roles and responsibilities across all three levels of governments
- [Goal 2.2](#) Strengthen NDRRMA's legal autonomy for effectiveness
- [Goal 2.3](#) Review and update NDRRMA's organizational structure and human resource plan for effective national resilience and in delivering the tasks and functions assigned
- [Goal 2.4](#) Prepare Disaster Resilience Framework at all levels of government and integrate into their periodic and annual plans and program
- [Goal 2.5](#) Prepare and or revise Guidelines, Standards and SOPs

Promoting Comprehensive Risk-Informed Private and Public Investments in Disaster Risk Reduction for Resilience

- [Goal 3.1](#) All schools, health facilities and public buildings are safe from multiple hazards risks including climate change (reconstruction and or retrofitting)
- [Goal 3.2](#) Resettlements of potential high risk settlements and houses. (Integrated settlements)
- [Goal 3.3](#) Model resilient cities and communities (at least two settlements and two cities in each province in the first five years) developed
- [Goal 3.4](#) Replacements of all thatched roofs throughout the country, prioritized by disaster vulnerability – integrate retrofitting for multi-hazard safety using incentives and technical assistance
- [Goal 3.5](#) Model resilient infrastructures and systems – example roads, hydropower, health, water supply etc.



Enhancing Disaster Preparedness for Effective Response

- Goal 4.1 National Level Emergency Preparedness Assessment – that looks at capacity, systems, equipment - at all levels of government and security agencies including volunteers and preparation of emergency response plan
- Goal 4.2 Formation of volunteer bureaus and mobilization at all levels of governments
- Goal 4.3 Equipment, warehouse, stockpiles along with system to track equipment and stockpiles at respective levels of governments down to the ward levels, army, I/NGOs (note – not to forget fire, forest fires hazards)
- Goal 4.4 Conduct periodic drill and simulation at all levels of governments
- Goal 4.5 Private sector – heavy earth moving equipment such as dozers, trucking, standing agreement with private sector
- Goal 4.6 Regional and International collaboration - standard, protocols and systems
- Goal 4.7 Emergency Preparedness for response and relief coordination system: Incident Command System – ICS, INSARAG certification

Priority Area 5

“Build Back Better” in Recovery, Rehabilitation and Reconstruction

- [Goal 5.1 Pre disaster recovery planning](#) Recovery, Rehabilitation and Reconstruction of Private Housing and Settlements damaged by disasters caused by multiple hazards (floods, landslides, fire, etc.)
- [Goal 5.2](#) Recovery, Rehabilitation and Reconstruction of Private Housing and Settlements damaged by disasters caused by multiple hazards (floods, landslides, fire, etc.)
- [Goal 5.3](#) Recovery, Rehabilitation and Reconstruction of Infrastructure
- [Goal 5.4](#) Socio-economic recovery and rehabilitation

Priority Area 6

Research, Training and Capacity Building

- **Goal 6.1** Establishment of Research and Training Centre of Excellence
 - Link with global, regional and national research
 - E-learning program, symposium and webinars to share lessons from NRA's experience on reconstruction and recovery
 - E-learning courses for governments and non-government participants
- **Goal 6.2** Training and certification of human resources engaged in the construction of buildings and infrastructures
- **Goal 6.3** Architecture and engineering curricula revised and updated
- **Goal 6.4** Public Financial Management and Disaster Risk Financing
- **Goal 6.5** Earthquake Museum

Priority Area 7

Multi-hazard Early Warning System

- Goal 7.1 Establish impact based multi hazard early warning system throughout the country
- Goal 7.2 Modernize and expand observation systems (such as hydro-met observation system, forest fires, air pollution, lightning, earthquake) managed by relevant Ministries and Departments
- Goal 7.3 Establish Decision Support System and Common Alerting Protocol to effectively communicate impacts to various communities and sectors - All hazards – all media (Message broadcast, SMS, social media, FM/AM Radio, TVs, siren)
- Goal 7.4 Equip N/P/D/L Emergency Operations and Command Control Centres for holistic Risk Management of communities and life line infrastructure

Priority Area 8

Disaster Risk Financing

- Goal 8.1 Establish Risk Transfer Mechanism
- Goal 8.2 Social Protection Mechanism
- Goal 8.3 Disaster Management Fund
- Goal 8.4 Ensure loss and damage compensation fund received from the COP 26 Climate Pact, 2021
- Goal 8.5 Tap into various financial architecture and development partners
- Goal 8.6 Project based Disaster Risk Management Plan financing
- Goal 8.7 Risk Creator Pays Principles
- Goal 8.8 Benefit Sharing Principle

“जुटेर मात्रै सम्भाव छ विपद्
जोखिम न्यूनीकरण”