

Plan of Action

To

Implement Sendai Framework

For

Disaster Risk Reduction

2015-2030

Ministry of Disaster Management and Relief
Government of the People's Republic of Bangladesh

SFDRR PLAN OF ACTION FOR DISASTER MANAGEMENT

Bangladesh is a low-lying deltaic country formed by the Ganges, the Brahmaputra and the *Meghna* rivers and intersected over 310 rivers and tributaries (NPDM 2010-2015). Bangladesh is the epicenter of disasters in the world, with great negative consequences being associated with various natural and human-induced hazards. The country ranks first out of 162, third out of 73, and sixth out of 89 countries in terms of number of people exposed to flood, tsunami and cyclone respectively; translated into 14% GDP exposed to disasters per year – the highest in the world (UNISDR Global Assessment Report 2011). The other frequent hazards occurrences of the country are droughts, tidal surges, tornadoes, earthquakes, river erosion, fire, infrastructure collapse, high arsenic contents of ground water, water logging, lightning, landslide, water and soil salinity, epidemic, cold wave and various forms of pollution. Its vulnerability consists of the high and dense population with persistent, chronic poverty and high rate of unplanned urbanization; combined with geographical location, topography and physical features that constitute hazards. This includes natural and the various anthropogenic hazards. Our highly dense population in the urban areas is most vulnerable to risk associated with earthquake due to Bangladesh is located near boundaries of the active seismic Indian plate & Eurasia plate and Indian plate & Burma plate. The climate change has the potential to exacerbate the frequency and intensity of disasters that adversely jeopardizing the assets and majority of livelihood segments and thus the wellbeing of the millions of people.

Major Disasters in Recent Past:

| Disasters | Year | Death (No.) | Economic loss (billion US\$) |
|-----------|------|-------------|------------------------------|
| Cyclone | 1970 | 3,00,000 | 2.40 |
| | 1991 | 1,38,882 | 1.50 |
| | 2007 | 3,363 | 1.60 |
| | 2009 | 190 | 1.06 |
| Flood | 1988 | 2379 | 1.20 |
| | 1998 | 1,100 | 2.80 |
| | 2004 | 747 | 2.20 |
| | 2007 | 557 | 1.06 |

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Source: National Plan for Disaster Management 2010-2015

The Strategic Arrangement for Disaster Management in Bangladesh:

Ministry of Disaster Management and Relief is responsible to provide the guidance for management of emergency and disaster risk reduction. It has taken a holistic approach towards disaster management, where emphasis is given to work together with all stakeholders including all relevant government departments and agencies, NGO/INGOs, private sector, academia, technical institutes and development partners for building strategic, scientific and operational partnerships. The role of Government is mainly to ensure that risk reduction and comprehensive disaster management is a focus of national policy and programs.

Bangladesh with the issuance of the revised 'Standing Orders on Disaster in 2010' has created a wide range of institutional arrangements to deal with disaster management related issues from national to local levels. The Ministry of Disaster Management and Relief has the overall mandate to ensure coordination while the National Disaster Management Council headed by the Prime Minister has been made the highest decision making body.

Considering the Hyogo Framework for Action 2005-2015 and on the basis of the GoB Vision and MoDMR mission the country has developed National Plan for Disaster Management 2010-2015 which is continue upto next plan to be placed. "The National Plan for Disaster Management" is indicative to what the relevant regional and sectoral plans would consider to address the key issues like risk reduction, capacity building, climate change adaptation, livelihood security, gender mainstreaming, community empowerment and response and recovery management. The plan will also act as basic guideline for all relevant agencies in strengthening better working relations and enhancing mutual cooperation.

Disaster Management in Bangladesh has gone through a reform of paradigm shift from the conventional response and relief oriented approach to the

comprehensive disaster risk management framework. Since Independence there has been a number of major disaster events which are used as trigger points to design and take some major policy initiatives and working relation with regional and international organization through international framework on disaster risk reduction.

United Nations Office for the Disaster Risk Reduction (UNISDR) is the apex international body to coordinate and implementation of the following disaster risk reduction frameworks worldwide:

1. 'Yokohama Strategy and Plan of Action for a safer World 1995-2005' was adopted by the member countries of United Nations on the 1st UN World Conference on Disaster Risk Reduction, held in Yokohama, Japan from 23-27 May, 1994. It provides guidelines for natural disaster prevention, preparedness and mitigation.
2. 'Hyogo Framework for Action 2005-2015' was adopted on the 2nd. UN World Conference on Disaster Risk Reduction, held in Kobe, Japan from 18-22 January, 2005. Goal was Building the Resilience of Nations and Communities to disasters. There are five priority areas in the HFA which given below:
 - a) Ensure that disaster risk reduction is a national and local priority with a strong institutional basis for implementation;
 - b) Identify, assess and monitor disaster risks and enhance early warning;
 - c) Use knoweldge, innovation and education to build a culture of safety and resilience at all levels;
 - d) Reduce the underlying risk factor;
 - e) Strengthen disaster preparedness for effective response at all levels.

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Bangladesh was committed to implement this Hyogo Framework for Action 2005-2015 HFA with other 168 countries at the 2nd World Conference on Disaster Reduction. According to that commitment Bangladesh has implemented many disaster risk reduction programs at national & local level to ensure sustainable development and to build resilient community and as well as nation.

3. The Sendai Framework for Disaster Risk Reduction 2015-2030 was adopted at the 3rd UN World Conference for Disaster Risk Reduction in March 2015 in Sendai, Japan. It was endorsed by the UN General Assembly in June 2015. Now Sendai framework is to be implemented in our country in line with Environment Agreement 2015 (Adopted in COP-21 in December 2015, Paris, France) and Sustainable Development (Adopted UN General Assembly, September 2015).

Sendai Framework has 01 expected outcome, 01 strategic goal, 7 targets and 4 priority areas are stated below:

Expected Outcome:

'The substantial reduction of disaster risk and losses in lives, livelihoods and health and in the economic, physical, social, cultural and environmental assets of persons, businesses, communities and countries'

Goal:

'Prevent new and reduce existing disaster risk through the implementation of integrated and inclusive economic, structural, legal, social, health, cultural, educational, environmental, technological, political and institutional measures that prevent and reduce hazard exposure and vulnerability to disaster; increase preparedness for response and recovery, and thus strengthen resilience'

The seven global targets are:

- a. Substantially reduce global disaster mortality by 2030, aiming to lower average per 100,000 global mortality rate in the decade 2020-2030 compared to the period 2005-2015.

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- b. Substantially reduce the number of affected people globally by 2030, aiming to lower the average global figure per 100,000 in the decade 2020-2030 compared to the period 2005-2015.¹
- c. Reduce direct disaster economic loss in relation to global gross domestic product (GDP) by 2030.
- d. Substantially reduce disaster damage to critical infrastructure and disruption of basic services, among them health and educational facilities, including through developing their resilience by 2030.
- e. Substantially increase the number of countries with national and local disaster risk reduction strategies by 2020.
- f. Substantially enhance international cooperation to developing countries through adequate and sustainable support to complement their national actions for implementation of the present framework by 2030.
- g. Substantially increase the availability of and access to multi-hazard early warning systems and disaster risk information and assessments to the people by 2030.

Four priority areas are:

Priority 1: Understanding disaster risk;

Priority 2: Strengthening disaster risk governance to manage disaster risk;

Priority 3: Investing in disaster risk reduction for resilience;

Priority 4: Enhancing disaster preparedness for effective response and to “Build Back Better” in recovery, rehabilitation and reconstruction.

To achieve the goal and expected outcome of the Sendai Framework by 2030 it is important to fix a set of activities on the basis of 13 guiding principles. These may be as follows:

¹ Categories of affected people will be elaborated in the process for post Sendai work decided by the Conference.

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[Y5 means implemented within 1-5 years, Y10 means implemented within 1-10 years, Y15 means implemented within 1-15 years and Regular means continuous process ,Lead agency can Copt any supporting agencies if required]

| Key Targets / Action Agenda | Proposed activities | Lead Agency | Supporting Agencies | Proposed Timeframe |
|---|--|------------------------|--|---------------------------|
| Priority 1: Understanding disaster risk : | | | | |
| Establishing National Disaster Management Policy, Plan and Regulative Framework | Revisiting Disaster Management Act, 2012 | MoDMR | Sectoral ministries, NDMOs, specialized agencies, | Y5 |
| | Revisiting Disaster Management Policy, 2015 | MoDMR | Sectoral ministries, NDMOs, specialized agencies, | Y5 |
| | Revisiting Cyclone Shelter Construction Maintenance and Management Policy, 2011 | MoDMR | Sectoral ministries, NDMOs, HBRI, specialized agencies, | Y5 |
| | Revisiting Guidelines on Humanitarian Assistance 2012-13 | MoDMR | Sectoral ministries, NDMOs, specialized agencies, | Y5 |
| | Review the National Plan for Disaster Management 2010-15 and make new one for 2016-20 | DDM | MoDMR, Sectoral ministries, NDMOs, specialized agencies, | Y5 |
| | Make relevant Rules to implement Disaster Management Act, 2012 | MoDMR | Sectoral ministries, NDMOs, specialized agencies, | Y5 |
| | Developing a generic guideline on DRR policy and planning | DDM | MoDMR, Sectoral ministries, NDMOs | Y5 |
| | Organizing annual lesson sharing meetings with sectorial ministries | MoDMR | All Ministries | Regular |
| | Organizing annual lesson sharing meetings with local govts,NGO, INGOs, Private sectors | DDM | MoDMR | Regular |
| Research and Documentation | Publication of an Annual Compendium of the nation disaster risk management Activities | DDM | MoDMR | Regular |
| | Conducting joint research projects on DRR &CCA | NDMRTI DDM MoDMR | MoDMR, Sectoral Ministries, Regional and International NDMOs | Y15 |
| | Developing standard good practice documentation templates | NDMRTI DDM | MoDMR | Y5 |
| | Sale best practices on disaster risk management to aboard | MoDMR | Regional and International NDMOs | Y15 |
| Knowledge | Establishment of a Expert Group to | MoDMR | All sectoral | Y5 |

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| Key Targets / Action Agenda | Proposed activities | Lead Agency | Supporting Agencies | Proposed Timeframe |
|---|---|--------------------|--|---------------------------|
| Management | Implement Sendai Framework articulating with Climate Change Agreement(Adopted COP 21) and SDG (adopted UN in September 2015) | | ministries Regional and International NDMOs | |
| | Establishment of a national disaster risk management knowledge sharing forum | MoDMR | All sectoral ministries Regional and International NDMOs | Y5 |
| | Designing and implementation of an exchange learning through country visits programme | MoDMR | NDMOs, specialized agencies | Y5 |
| | Introducing a best performer awarding mechanism to promote local level innovations | MoDMR | All sectoral Ministries NGO/INGOs | Y5 |
| | Establishing a regular monitoring and progress reporting mechanism | MoDMR | | Y5 |
| Promoting innovations and local good practices | Documentation of indigenous knowledge, practices and coping mechanisms | DDM | MoDMR, LGD, NGO/INGOs, specialized agencies | Y5 |
| | Commissioning a review of countries' safety nets programmes to identify suitable social safety net frameworks for DRR | MoDMR | MoF, All sectoral ministries, specialized agencies | Y5 |
| | Producing a compendium of best practices on DRR & CCA | MoDMR | specialized agencies, NGO/INGOs | Y5 |
| Defining the roles of local level actors | Harmonizing community levels DRR&CCA related roles and responsibilities of key stakeholders | DDM DEnv. | MoDMR, specialized agencies, NGO/INGOs | Y5 |
| Establishing the context | Commissioning multi-hazard case studies to assess risks and vulnerabilities of women, children and different marginalized livelihood groups and document adaptation options | DDM | specialized agencies | Y5 |
| | Developing a generic gender and social inclusion framework to ensure equitable and sustainable economic growth and development at community level | | UN Women, MoWCA, MoSW, specialized agencies | Y10 |
| | Conducting risk assessment by using technology national | DDM | MoDMR, SARSO | |
| Priority 2: Strengthening disaster risk governance to manage disaster risk : | | | | |
| Establishment of | Establishment of National | MoDMR | Prime Minister's | Y5 |

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| Key Targets / Action Agenda | Proposed activities | Lead Agency | Supporting Agencies | Proposed Timeframe |
|---|---|-------------------------|--|---------------------------|
| Disaster Management and Crisis Control Centre | Emergency Operation Centre(NEOC) | | Office, MoHPW specialized agencies | |
| | Strengthening NDRCC | MoDMR | specialized agencies | Y5 |
| | Strengthening DMIC at Division, District and Sub-District headquarters | MoDMR | specialized agencies | Y5 |
| | Strengthening Disaster Management Coordination Centre in every sectoral ministries | All Sectoral ministries | MoDMR, specialized agencies | Y5 |
| | Establishing National volunteer organization | MoDMR | specialized agencies | Y5 |
| Establishing DM Research, Training and Educational Institute/ Network | Revisiting the present school curricula on Disaster Management topics of class III to XII with latest information and innovations | DDM NCTB | MoDMR, specialized agencies | Y5 |
| | Publishing a Directory of national and regional DRR training and education institutes | DDM | MoDMR, | Y5 |
| | Designing and implementation of joint training and education programmes | MoDMR | MoE, MoPME, NDMOs | Y5 |
| | Offering need-based specialized training courses with relevant national agencies | MoDMR | specialized national agencies | Y10 |
| | Conducting targeted training programmes for different stakeholder groups such as Govt. institutions, media, first responders | DDM | MoDMR | Y15 |
| | Designing and implementation of an exchange learning programme through country visits | MoDMR | Regional & International Organizations | Regular |
| Mainstreaming DRR &CCA in training and education | Producing a generic DRR mainstreaming Guideline for training and education sectors | DDM | MoDMR | Y5 |
| | Determining the minimum national level competency for secondary and higher secondary schools curricula | MoDMR | MoE, MoPME | Y10 |
| | Institutionalizing school safety and evacuation drills for Earthquake, Fire, Cyclone, Building collapse, landslide etc. | DDM, FSCD AFD | MoDMR, MoE, MoPME ESCAP, INSARG | Regular |
| | Monitoring the impacts of capacity development program | DDM | MoDMR | Regular |
| Institutional Capacity building | Standardizing Post Disaster Needs Assessments (PDNAs) methodology | DDM | MoDMR specialized agencies, NGO/INGOOs | Y5 |
| | Revisiting SOS and D-Form articulating data-based (Space based) system | DDM | MoDMR specialized agencies, NGO/INGOOs | |
| | Developing generic and area and | DDM | MoDMR | Y5 |

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| Key Targets / Action Agenda | Proposed activities | Lead Agency | Supporting Agencies | Proposed Timeframe |
|--|---|--------------------|--|---------------------------|
| | hazard specific INDICATORS of community and household resilience of Bangladesh | | specialized agencies, NGO/INGOOs | |
| | National mechanism on climate change induced disaster loss and damage | MoDMR | Specialized agencies, NGO/INGOOs | Y5 |
| | Developing and conducting awareness and capacity building programmes appropriate for the Local governments, local organisations and communities | DDM | MoDMR specialized agencies, NGO/INGOOs | Y5 |
| | Developing a generic template for local level contingency planning | DDM | MoDMR specialized agencies, NGO/INGOOs | Y5 |
| | Introducing community volunteerism | DDM | MoDMR specialized agencies, NGO/INGOOs | Y5 |
| | Developing area and hazard based contingency (preparedness) plan and making functional | DDM | MoDMR specialized agencies, NGO/INGOOs | Y5 |
| | Observing NDPD and IDDR more effectively accommodating all stakeholders group and develop reporting system | DDM | MoDMR specialized agencies, NGO/INGOOs | Y5 |
| | Establishing and maintaining database on emergency supplies, emergency shelters and emergency support agencies | DDM | MoDMR specialized agencies, NGO/INGOOs | Y5 |
| Information Management System on Disaster Management | Establishment of IMS to collect loss and damage information of disasters using space-based technology(GIS) | DDM | MoDMR specialized agencies, NGO/INGOOs | Y5 |
| | Establishment of IMS to disseminate allotment information using space-based technology(GIS) | DDM | MoDMR specialized agencies, NGO/INGOOs | Y5 |

Priority 3: Investing in disaster risk reduction for resilience;

| | | | | |
|---|---|-------|----------------------------------|----|
| Reducing sectoral risks and vulnerabilities through actions | Developing standard methodology/ toolkit to Disaster Impact Analysis (DIA) of development project | MoDMR | specialized agencies, NGO/INGOOs | Y5 |
| | Ensuring DIA of every development project before submitting for approval | MoDMR | specialized agencies, NGO/INGOOs | Y5 |
| | Developing standard methodology/toolkit to track changes in investment policies and planning | MoDMR | specialized agencies, NGO/INGOOs | Y5 |

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| Key Targets / Action Agenda | Proposed activities | Lead Agency | Supporting Agencies | Proposed Timeframe |
|---|--|-------------------------------|---|---------------------------|
| | Developing standard process guidelines on sectoral disaster risk and Impact Assessment | MoDMR | All sectoral Ministries | Y15 |
| | Establishing regional and national DRR funding mechanism | MoDMR | UN, WB, IMF, bilateral donors | Y15 |
| | Documenting and disseminating best practices in mainstreaming DRR in general and specific sectors of development planning and practices | MoDMR | specialized agencies | Y15 |
| | Introducing monitoring system of every investment to make risk informed | MoDMR | All sectoral ministries | Y15 |
| Creating enabling environment for DRR&CCA integration | Development of sector and area specific guidelines on DRR mainstreaming | MoDMR | All ministries | Y15 |
| | Development of a guideline for policymakers to integrate DRR and CCA into development, and to enhance linkages between DRR and CCA institutions at the national level. | MoDMR | MoEF and Regional & International agencies | Y15 |
| | Development of standard DRR&CCA integrated template/tool/methodology for local level development and investment planning | DDM DEnv. | MoDMR, MoEF | Y15 |
| | Standardizing community risk assessment processes and planning | DDM | MoDMR, NGO / INGOs | Y15 |
| | Improving the knowledge and understanding of NDMOs and local level authorities for better planning and management | DDM | MoDMR, NGO / INGOs | Y15 |
| Local level risk financing | Developing a Strategy to promote private investments in local risk reduction | MoDMR | UN, WB, IMF, bilateral donors, specialized agencies, NDMOs | Y5 |
| | Developing a Local level risk management and risk transfer strategy | | | Y5 |
| | Scoping different financial service schemes to identify suitable and sustainable solutions for local level risk reduction | | | Y10 |
| | Ensure attraction of private investment through public private partnership towards people's welfare (PPPP) | MoDMR | UN, WB, IMF, bilateral donors, specialized agencies, NDMOs | Y15 |
| | Building awareness among the private investors specially SME's to ensure risk-informed investment | DDM, SME Foundat ion | MoDMR, MoIndustry, UN, WB, IMF, bilateral donors, specialized agencies, NDMOs | Y15 |
| | Introducing disaster risk reduction system in businesses for facing disasters | DDM, SME Foundat ion | MoDMR, MoIndustry, UN, WB, IMF, bilateral donors, specialized agencies, NDMOs | Y15 |

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| Key Targets / Action Agenda | Proposed activities | Lead Agency | Supporting Agencies | Proposed Timeframe |
|---|---|---------------------|--|---------------------------|
| | Developing tools and techniques to attract private investment in DRR & CCA | DDM, SME Foundation | MoIndustry, UN, WB, IMF, bilateral donors, specialized agencies, NDMOs | Y15 |
| Exploring different risk mitigation and risk transfer options | Designing and implementation of specific right based programme targeted to vulnerable groups | DDM | MoDMR, specialized agencies | Y5 |
| | Developing a strategy for the integration of CBDRM into local and national level planning process | | MoDMR, LGD, NGO/INGOs specialized agencies | Y10 |
| | Development of a DRR Strategy for Micro-finance sector | | MoDMR, MoF, Apex Institutions and Regulatory authorities | Y15 |

Priority 4: Enhancing disaster preparedness for effective response and to "Build Back Better" in recovery, rehabilitation and Reconstruction.

| | | | | |
|-----------------------------------|---|--------------------|---------------------------------------|-----|
| Emergency preparedness | Organizing periodic mock drills, Simulation exercise/ DREE | DDM, FSCD, CPP AFD | MoDMR, UN-OCHA, INSARG, WFP, NGO/INGO | Y5 |
| | Observing national and international disaster preparedness and Reduction days respectively | DDM | MoDMR, UN-ISDR, NGO/INGO | Y15 |
| | Developing harmonized training modules | DDM | MoDMR | Y10 |
| | Offering off-campus and on-campus training on emergency management, search and rescue, relief and disaster information management | DDM, FSCD | MoDMR, UN-OCHA | Y15 |
| Multi-hazard early warning system | Strengthening the national meteorological centres/departments to increase the early warning lead time for flood and flash flood | BMD, FFWC, DDM | MoDMR, MoD, MoWR | Y10 |
| | Developing drought, tornado, tsunami, cold wave, lightening and land-slide early warning systems | | | Y10 |
| | Harmonizing hazard specific signalling systems | | | Y15 |
| | Establishing end to end community early warning and alerting systems for major hazards – flood, cyclone, drought etc. | | | Y15 |
| | Establishing database and network with early warning generating and disseminating agencies | | | Y15 |
| | Organizing regional conferences and | | | Y15 |

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| Key Targets / Action Agenda | Proposed activities | Lead Agency | Supporting Agencies | Proposed Timeframe |
|---|--|----------------------------------|---|---------------------------|
| | expert consultations | | | |
| | Publish case study compendium with country experiences | | | Y15 |
| Addressing women and Children issues to disasters | Assessing women and children vulnerabilities | DDM Dept. of Children Affairs | MoDMR, MoWCA, specialized national and international agencies | Y5 |
| | Developing a guideline for children's participation in DRR | | | Y5 |
| | Compilation of good practices | | | Y10 |
| | Training to develop community women leadership | | | Y10 |
| Urban Risk Management | Developing a standard a risk integrated urban planning guideline | DDM | MoDMR, MoHPW, City Corporations, Specialized Agencies and city associations | Y5 |
| | Establishing and Organizing regular Expert Group Meeting on Seismic Hazard Assessment | | | Y15 |
| | Developing Detailed Coastal and Marine Risk Management Plans | | | Y5 |
| | Establishing a regional expert group on earthquake resistant building codes model and guidelines | | | Y5 |
| | Publication of the national compendium of building types of non-engineering construction and the documentation of indigenous construction technology | | | Y15 |
| | Documentation of Traditional Technology for Earthquake Risk Mitigation. | | | Y5 |
| | Developing a generic Template of City Risk Management Plan and Strategy | | | Y5 |
| | Training and Capacity Building on Urban Risk Management | | | Y10 |
| | Documentation of Good Practices on Urban Risk Management | | | Y15 |
| | Establishing a South Asia Seismic Network/Forum | | | Y5 |
| Landslide risk management | Developing a standard methodology for Landslide Risk Assessment | DDM DDMC UzDMC | MoDMR, specialized agencies | Y5 |
| | Conducting Landslide Inventories | | | Y5 |
| | Developing a Landslide Risk Mitigation Strategy | | | Y5 |
| | National and regional Capacity Building on landslide risk assessment and mitigation technologies | | | Y10 |
| | Establishing a South Asia Landslide Network/Forum | | | Y10 |
| | Landslide zonation mapping -review the current practices of landslide hazard zonation mapping in the countries of South Asia | | | Y5 |

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| Key Targets / Action Agenda | Proposed activities | Lead Agency | Supporting Agencies | Proposed Timeframe |
|---|---|--------------------|---|---------------------------|
| | Organising periodical Regional Conference on Landslide Risk Management | | | Y15 |
| Drought risk management | Drought risk assessment and mapping - Development of standard methodology | DAE, DF, DLR | MoDMR, MoA, MoMF Specialized agencies, | Y5 |
| | Conducting the assessment and mapping | | | Y5 |
| | Developing National Drought Risk Management Strategies | | | Y5 |
| | Drought monitoring and early warning - Development of a standard protocol and the methodology | | | Y5 |
| | Training to the national agencies | | | Y10 |
| | Establishing the national Monitoring and Early Warning system | | | Y5 |
| | Drought Research and Documentation | | | Y15 |
| | Training and Capacity Building for Drought Management | | | Y10 |
| | Sharing of Good Practices on Drought Risk Management | | | Y10 |
| | | | | |
| Tsunami | Developing Tsunami Early Warning Guidelines | MoDMR | BMD | Y5 |
| | Introducing Moch-drills on Tsunami | DDM, CPP, FSCD | MoDMR, BMD | Y10 |
| | Establishing the national Monitoring and Early Warning system | DDM, DAE, DLS | MoDMR, MoL&F, MoA | Y5 |
| | Training and Capacity Building for cold wave Management | | | |
| | Establishing training methodology on rice seedling production during cold wave in Agricultural Extension Department | | | |
| Operationalization of the SAARC Agreement on Rapid Response to Natural Disaster | Developing a generic template on Standing Operating Procedure for regional cooperation and national emergency response action | DDM | MoDMR, UN-OCHA | Y10 |
| | Developing country specific SOPs | | | Y10 |
| | Periodic review and sharing lessons | | | Y10 |
| | Establishing national and regional emergency response resource databases; i.e., relief stocks, management experts, institutions, equipment, facilities and the available technologies | | | Y10 |
| | Producing Directory of fast responding institutions | | | Y5 |
| Addressing women, children, person with disability and | Developing minimum Standards Operating Procedures Preparedness Evacuation, Search and Rescue of Children in disasters | DCW, DDM | MoDMR, MoWCW, UNICEF, UNFPA, specialized agencies | Y5 |

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| Key Targets / Action Agenda | Proposed activities | Lead Agency | Supporting Agencies | Proposed Timeframe |
|--|---|--|---|--------------------|
| diversity issues in Emergency Response | | | | |
| Water, sanitation and hygiene facilities | Developing minimum standards of water, Sanitation and Hygiene for disaster affected children | PHE, DCW, DDM | MoDMR, MoWCW, MoWR, UNICEF, UNFPA, specialized agencies | Y5 |
| | Developing a guidebook for post-disaster water, Sanitation and Hygiene response | | | Y5 |
| Emergency medical care and health services | Developing guidebooks for emergency and post disaster medical care and health services | DHS, DDM | MoDMR, MoHFW, WHO, UNICEF, specialized agencies | Y5 |
| | Establishing national outbreak database for monitoring health system preparedness | DHS, DDM | MoDMR, MoHFW, WHO, UNICEF, specialized agencies | Y10 |
| | Emergency vaccination to protect outbreak of epidemics after a disaster | | | Y10 |
| | Mass awareness and vaccination campaigns | | | Y10 |
| | Establishing referral mechanisms | | | Y10 |
| | Building the capacity of health professionals on Integrated Management of Childhood Illness (IMNCI) and Minimum Initial Service Package (MISP) | | | Y10 |
| | Designing Health education messages for schools | | | Y5 |
| Mental and psycho-social health services | Developing a guidebook for post disaster services | | | DHS, DDM |
| | Developing the basics of psycho-social counseling for incorporation in the community training package for health workers, teachers and social workers | Y5 | | |
| | Documenting and sharing of good practices | Y10 | | |
| Protection of children in disasters | Setting national and regional Family Tracing and Reunification (FTR) Protocols and Systems and guidelines for unaccompanied children | | | Y10 |
| Education in emergencies and school safety | Developing School Safety Standards including engineering guidance and construction worker training for disaster resistant construction | DEd. (Primary) DEd.(Secondary) DDM | MoDMR, MoE, MoPME WHO, UNICEF, specialized agencies | Y5 |
| | Developing a guidebook for post disaster education response | | | Y5 |
| | Institutionalize safety and evacuation drills in schools | | | Y5 |
| | Compiling good practices | | | Y10 |
| Establishing the database | Producing Directory of Government, Private, Non-Governmental and | MoDMR | NDMOs, specialized | Y10 |

SDP PLAN OF ACTION FOR DISASTER MANAGEMENT

| Key Targeted Action Agenda | Proposed activities | Lead Agency | Supporting Agencies | Proposed Timeframe |
|-----------------------------------|---|--------------------|----------------------------|---------------------------|
| | other organizations working on various aspects of Disaster Management in South Asia | | agencies | |
| | Producing Directory of regional and global centres and institutes with DRR&CCA related functions | | | Y10 |
| Partnering with SAARC Centres | Developing and implementing joint programmes with SAARC Centres | | | Y10 |
| Partnering with non-SAARC centres | Developing and implementing joint programmes with non-SAARC regional stakeholder organizations | | | Y15 |
| | Organizing regional and national dialogues on key mainstream DRR&CCA issues | | | Y15 |
| | Establishing South-South Cooperation within and between South, South East, South Pacific and Northern and Central Asia. | | | Y15 |

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