



Draft

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Action Plan on Disaster & Climate Risk Management

in

Livestock Sector

2012

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Foreword

The Plan of Action on Disaster Risk Reduction & Climate Change Adaptation in Livestock Sector in 2012 for DLS has been developed on the basis of the GoB Vision and Mission to reduce the vulnerability of the livestock sector. The effects of natural, environmental and human induced hazards to a manageable and acceptable humanitarian level by (a) bringing a paradigm shift in disaster management from conventional response and relief practice to a more comprehensive risk reduction culture and (b) Strengthening the capacity in improving the disaster management response and recovery at all levels by DLS. DLS has given emphasis to working together with all stakeholders to build strategic, scientific and implementation partnerships with all relevant government departments and agencies, other key non-government players including NGOs, academic and technical institutions, the private sector and donors. The role of Government is mainly to ensure that risk reduction and comprehensive disaster management is a focus of national policy and programs. The Plan of Action on Disaster Risk Reduction & Climate Change Adaptation in Livestock Sector in 2012 would consider to address the key issues like risk reduction, capacity building, climate change adaptation, livelihood security, community empowerment and response and recovery management. The national livestock development policy 2007 has reiterated its commitment to nation to fulfill the animal protein requirement by increasing the production of meat, milk, eggs to built a healthy nation. Execution of Standing Orders on Disaster, the Disaster Management Act 2012, is the formal legal frame work of disaster management mandate for Govt. officials. The strategic goals of the Plan are drawn from the SAARC Disaster Management Framework. These goals are well linked to the international and national drivers, so that the plan can articulate the long-term strategic focus of disaster management in Livestock Sector. We hope that the plan will play a pivotal role towards the integration of DM issues for DLS strategic and operational plan. I would like to congratulate the TWG and other DLS officials and CDMP professionals for developing this Plan of Action on Disaster Risk Reduction & Climate Change Adaptation in Livestock Sector in 2012 for DLS for Disaster Management, will contribute to achieving the Millennium Development Goals (MDGs) and sustainable development of livestock and livelihood adaptation through this vital sector.

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Preface:

Bangladesh has already become the victim of climate change. It is assumed the situation will be worsened in the days ahead. Bangladesh is a big deltaic plain in the world and has around 800 km long coastal area. In general, the topography of the country is extremely flat except marginal hills along the North-East and South-East region. The average land elevation is about 7.62 meters (25 ft.) above mean sea level whereas for coastal and offshore island is about 1.5 meters (approx.) above mean sea level and as such major portion of the waterways are under tidal influence. Due to emission of Green House Gas there is global warming and elevation of sea level is the concern for coastal inundation and increased salinity. The increased salinity will affect the Agriculture and livestock production. The food security will be in threat. The poor and marginal farmers will suffer from nutritional deficiency. The income generating activities like rearing of cattle and poultry farming activities will be drastically reduced for a indefinite time. Due to increase temperature the productivity of poultry and other ruminant will decrease and disease prevalence will affect the sector. To identify the Impact of livestock sector shared experience of the DLS officers working in the costal environment. Discussion had been conducted with people of northern and central part of the country about their experience in managing flood situation. We have shared views and ideas of the DLS officers working in different poultry, dairy, goat and Central Cattle Breeding Station about the emerging diseases and consequence of changed situation. Shared with the Scientist of the BLRI, FDIL, LRI, Duck Breeding farm about the issues of climate change, productivity, disease prevalence and other related issues. During the preparation of the documents PIP of the project has been followed which was prepared by CDMP-II under the Ministry of Disaster Management and Relief. We have since taken this process forward, including through the adoption of the appropriate technology in livestock sector, which will be the main basis of our efforts to combat climate change over the next ten years. This is because we are still uncertain about the timing and exact magnitude of many of the likely impacts of climate change. As we continue to implement our adaptation and mitigation programs, we will deepen our understanding of the phenomenon. We will no doubt also keep ourselves informed of the latest developments in the science of Climate Change from experiences in other parts of the world, including through participation of Bangladesh Govt. in the process of UNFCCC and related forum. Therefore, anticipates periodical revision, as required. This action plan is a living guideline to implement different aspects of disaster management before, during and after the disaster i.e the document will be helpful for Mitigation, Preparedness, Response, Recovery and adaptation procedure, technique etc of DLS officers in different tires. We realize that the Department of Livestock Services needs to carry its people along with it to face this enormous challenge. However, we can be confident that we can draw upon the traditional resilience, adaptability and innovativeness of our people, who have battled natural disasters over the centuries. The Action plan will provide a framework for this national effort.

Dr. Md. Rafiqul Islam
Project Director

Acronyms and local terms

DD	Deputy Director
DLS	Department of Livestock Services
CDMP	Comprehensive Disaster Management Program
UNDP	United Nations Development Program
FFWC	Flood Forecasting and Warning Centre
FFWS	Flood Forecasting and Warning System
MoFL	Ministry of Fisheries and Livestock
DG	Director General
GHG	Green House Gas
GIS	Geographical Information System
DLO	District Livestock Officer
ULO	Upazila Livestock Officers
UNO	Upazila Nirbahi Officer
DC	Deputy Commissioner
CNRS	Center for Natural Resources Studies
NASA	National Aeronautics and Space Administration
BLRI	Bangladesh Livestock Research Institute
LRI	Livestock Research Institute
FDIL	Field Disease Investigation Laboratory
CCBS	Central Cattle Breeding Station
UNFCCC	United Nations Framework Convention on Climate Change
JTWC	Joint Typhoon Warning Center
TADs	Trans-boundary Animal Diseases
HPAI	High Pathogenic Avian Influenza
LPAI	Low Pathogenic Avian Influenza
ASEAN	Association of South East Asian Nation
SAARC	Association of South Asian Regional Cooperation.
ECO	Economic Cooperation Organization
AMU	Arab Maghreb Union
AU	African Union
IBAR	Inter African Bureau for Animal Resources
SDC	South African Development Community
FAO	Food and Agricultural Organization.
OIE	World Organization for Animal Health
WHO	World Health Organization
NARES	Regional National Agricultural Extension System
AI	Avian Influenza
USAID	United States International Development Agency
ARIs	Advance Research Institutions
GF-TADs	Global Framework for the control of Trans-boundary Diseases
FAO ROA	FAO Regional office in Asia
MoDM&R	Ministry of Disaster Management and Relief

DMB	Disaster Management Bureau
DMA	Disaster Management Act.
DRRC	Disaster Risk Reduction Committee
DMCG	Disaster Management Coordination Group
DIRA	Disaster Impact Risk Assessment
HFA	Hyogo Framework of Action.
NLDP	National Livestock Development Policy
NELP	National Livestock Extension Policy
MOA	Major Outcome Area.
DVH	District Veterinary Hospital
UVH	Upazila Veterinary Hospital
OTI	Officers Training Institute
LTI	Livestock Training Institute
LRI	Livestock Research Institute
SF	SAARC Framework
PADRR&CCA	Plan of Action on Disaster Risk Reduction and Climate Change Adaptation
IPCC	Intergovernmental Panel of Climate Change
KPH	Kilometer Per Hour

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