

BANGLADESH
NATIONAL SUMMARY REPORT
I D N D R

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SECTION A: PROFILE

(This section contains relevant basic information about your country. Please complete and check the information already included)

1. Composition of National Committee (Focal Point):

Please list the names of the institutions represented and indicate in the brackets the number of members for each group)

Ministries	Non-Governmental Organisation
- Relief	-
- Agriculture	
- Irrigation & Food Control	-
- Local Government	
- Defense	-
- Communication [12]	[]
- Home Affairs	
- Health	
- Fiance	
- Food	
- Forest & Environmental	
- Shipping	
Academic & Research Institutions	Media
-	-
- []	- []

Insurance

Private Sector

-

[]

-

[]

Public Services (e.g. meteorological,
etc)

Others

Cabinet Secretary

Principal Secretary to P.M.

Chief of Staff Army

Chief of Staff Navy

Chief of Staff Air Force

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[5]

2. Internal organisation of the National Committee

(Please describe hierarchy, responsibilities, coordination and cooperation mechanisms in natural disaster reduction activities.)

The National Disaster Management Council, headed by the Prime Minister, provides policy guidance. Co-ordination of Disaster Management activities of national level is carried out by Inter-Ministerial Disaster Management Co-ordination Committee IMDMCC headed by the Minister for Relief. The Ministry is assisted by Disaster Management Bureau (DMB) and Department of Relief and Rehabilitation. In the field, District Disaster Management Committee, Thana Disaster Management Committee and Union Disaster Management Committee performs disaster preparedness work and disaster management co-ordination functions.

3. Prevailing Hazards

Type	Location	Affected Population
Floods	Almost whole of Bangladesh	80 Million
Cyclones	On the Coastal Districts	33 Million
Storms (Tornadoes)	Scattered areas all over Bangladesh	2 Million
River Bank Erosion	On the side of Major Rivers	5 Million
Draught	Western part of the country	40 Million

(Please attach additional information if necessary)

4. Recent natural disasters

Type	Location	Affected Population	Losses
Flood (1993)	N, N and Eastern part of Bangladesh	20 Million	
Flood (1988)	70% of Bangladesh	80 Million	
Cyclone (1991)	Chittagong & Cox's Bazar Area (6 Districts)	30 Million affected	140,000 Deaths

5. National Socio-Economic Conditions

- Population: about 115 million
- Gross-National Product (GNP): Tk. 666,389 Million
- Per-Capita Income \$ 210

6. Availability of assistance to other countries in the field of natural disaster reduction

(Please list potential resources, scientific expertise, technology, etc)

- Medical Teams
- Damage Assessment Specialists
- senior Officials experienced in Disaster Management specially relief administration/Co-ordination in some of the worst disasters in the world
- Experts in Post Disaster Agricultural Rehabilitation

7. International Assistance required for natural disaster reduction

(Please indicate requirements for scientific expertise, technology, resources etc.)

- Telecommunication Facilities in offshore islands
- water purification plants in offshore islands and coastal areas threatened by cyclone tidal surge.
- Construction of embankment around populated islands.
- Construction of Cyclone Shelters and feeder roads to facilitate evacuation and post disaster relief and construction of embankments and high platform or earthen mound for flood protection.
- Construction of cyclone resistance houses
- Large scale afforestation in the coastal area which is frequently ravaged by cyclones of great interesting and water surge.
- Jetties in the Offshore Islands to facilitate water transport.

SECTION B: STRATEGIES AND ACTIVITIES

(This section deals with current or planned strategies and activities)

1. Steps towards achieving the 3 main Decade targets

- (a) Comprehensive national assessments of risks from natural hazards, with these assessments taken into account in development plans;
 - The National Disaster Management Council (NDMC) gives policy guidance on resource allocation and priorities of disaster mitigation project in the National Development Plan.
 - The National IDNDR Committee also deliberates on mitigation measures and makes recommendations to NDMC.
 - A Committee has been constituted at the Planning Ministry, with Minister for Planning in the Chair, for Co-ordination disaster of disaster mitigation projects included in the Annual Development Programme (ADP).
- (b) Mitigation plans at national and/or local levels, involving long-term prevention and preparedness and community awareness; and
 - A massive programme of Afforestation in the cyclone prone area has been undertaken with World Bank assistance. ADB is also likely to support another afforestation programme. A feasibility study has been done (July-November 1993)
 - 26 studies has been undertaken for Flood Action Plan
 - A programme of construction of 2,000 shelters have been undertaken. Some are already completed some under construction and assistance for rest is awaited.
 - Telecom, Road Communication and Communication to offshore islands are being developed.
- (c) Ready access to global, regional and local warning system and broad dissemination of warning.
 - (i) Satellite communication facilities are available for cyclone warning but own facility is yet to be developed.
 - (ii) Regional weather infirmations are available in limited scale.
 - (iii) National cyclone warning radars can detect cyclone in Bay of Bengal (450km).
 - (iv) Cyclone warning dissemination facility through (TV, Radio media and Telephone etc.) is satisfactory.
 - (v) 26000 volunteers of Cyclone Preparedness Programme (CPP) disseminate cyclone warnings at village level in the cyclone prone area (coastal districts).

2. Present national plan for natural disaster reduction

a) Time span covered:

- i) Assistance to Ministry of Relief in Disaster Management. May 1992 - December 1993.
- ii) Comprehensive Disaster Management Programme January 1994 to December 1996.
- iii) Flood Action Plan studies 1991 - 1994 (26 studies consisting more than 100 Million U.S. Dollars)

b) Agencies, institutions and organizations involved:

- i&ii) UNDP, Disaster Management Bureau, Ministry of Relief, Asian Disaster Preparedness Centre (ADPC), Bangkok.
- iii) Water Development Board (Flood Plan Coordination Organisation)
- iv) Planning Cell, Ministry of Relief

c) Implementing agencies:

- Disaster Management Bureau (i and ii)
- Flood Plan Co-ordination Organisation (iii)

d) Funds available for implementation

For i and ii - UNDP

For iii - World Bank, ADB, France, UK and few other developed countries.

3. Legislation introduced and enacted in relation natural disaster reduction

- i) Standing Orders for Flood Disaster 1984
- ii) Standing Orders for Cyclone Disaster 1985
- iii) Revision of Building Code is in process.
- iv) Legislation on land use and zoning system is in process.

4. Disaster mitigation activities completed or underway:

a) Identification of hazard zones: hazard assessment

Title of project:

Assistance to Ministry of Relief in Disaster Management (BGD/91/021)

Status:

On going

Participating institutions in the country and/or on the international level:

Asian Disaster Preparedness Centre, Bangkok, Thailand.

Costs of project:

1.1 Million Dollars

Sources of funding:

UNDP

Implementing agencies:

Disaster Management Bureau, Ministry of Relief Government of Bangladesh.

Address (telephone and fax-number) of the agencies in charge:

House No. 38
Road No. 11
Dhanmondi, Dhaka
Telephone No. 323852
Fax No. 326137.

b) Monitoring, prediction and warning

Title of project:

- i) Procurement and Installation of Weather Radars at Cox's Bazar and Khepupara
- ii) Project for Flood warning model under BWDB

Status:

- i) Complete
- ii) On going

Participating institutions in the country and/or on the international level:

- i) Bangladesh Meteorological Department
- ii) Water Development Board (BWDB)

Costs of project:

Sources of funding:

- i)
- ii) UNDP

Implementing agencies:

- i) Department of Meteorology
- ii) BWDB

Address (telephone and fax-number) of the agencies in charge:

- i) Director, Department of Meteorology
Agargaon, Dhaka - 1207
Tel: 311032, Fax
- ii) Water Development Board

.....
Motijheel, Dhaka
Telephone No.
Fax No.

c) Construction of Shelter

Title of project:

Construction of Cyclone Shelters

Status:

On going. Till date 387 cyclone shelters have already been built in high risk areas by various agencies. 199 are now under construction and 339 is proposed for construction by various agencies.

Participating institutions in the country and/or on the international level:

The Government of Bangladesh (Public works Department) BDRCS, and NGOs like CARITAS, CCC are involved in this project.

Costs of project:

Sources of funding:

IDA, CARITAS, Saudi Arabia and other donors.

Implementing agencies:

Govt. Agencies and NGO's

Address (telephone and fax-number) of the agencies in charge:

Planning Commission
Sher-E-Bangla Nagar, Dhaka
Tél: 315011-18.

d) Long-Term preventive measures

Title of project:

- i) Embankments in the coastal area, around Offshore Islands, around Chittagong airport and export processing zone and other industrial area.
- ii) Afforestation in the coastal area.
- iii) Flood embankment around Dhaka city.
- iv) Embankments on the bank of some major rivers in areas affected by flood.
- v) Construction Rural Roads.
- vi) Hazard zone identified and maps prepared and supplied to all agencies related to disaster preparedness work.

Status:

On going.

Participating institutions in the country and/or on the international level:

- Department of Forest Afforestation, US\$ 27 Million.
- Bangladesh Water Development Board (Embankments), US\$ 217 Million.
- Local Government Engineering Department (Rural Roads), US\$ 490 Million.
- Ministry of Education (Multipurpose Cyclone Shelters), US\$ 90 Million.

Costs of project:

824 Million US\$ (Allocation of 1993-94 only)

US\$ 815 Million

Sources of funding:

WB, ADB, Saudi Govt. and GoB.

Implementing agencies:

- 1) Department of Forest, 2) BWDB, 3) LGED and 4) Facilities Department

Address (telephone and fax-number) of the agencies in charge:

- 1) Chief Conservator of Forest, Ban Bhaban, Mohakhali, Dhaka. Tel. 605923, Fax
- 2) Chairman, BWDB, WAPDA Building, Motijheel Commercial Area, Dhaka. Tel. 232194, Fax
- 3) Chief Engineer, LGED, 5/7, Lalmatia, Block - B, Mohammadpur, Dhaka, Tel: 814804, Fax
- 4) Director, Facilities Department, Siksha Bhaban, Abdul Gani Road, Dhaka. Tel: 242856, Fax

e) Land-use and risk management

The Project:

1. Thana Afforestation
2. Forest Resource Management Project
3. Establishment of Green Belt in the Coastal area.

Status:

On going

Participating institutions in the country and/or on the international level:

Costs of project:

Tk. 409 crore

US\$ 102 Million US Dollars

Sources of funding:

Government of Bangladesh, IDA and ADB.

Implementing agencies:

Department of Forest

Address (telephone and fax-number) of the agencies in charge:

Chief Conservator of forests
Ban Bhaban, Mohakhali
Dhaka-1212.

f) Public education and information

Title of project:

Comprehensive Disaster Management Programme .

A three year programme for training public awareness, mass mobilisation and improving coping mechanism.

Status:

Programme will start from 1st January 1994.

Participating institutions in the country and/or on the international level:

Disaster Management Bureau.

Costs of project:

US\$ 5.3 Million

Sources of funding:

UNDP, UNICEF, USAID and UK ODA

Implementing agencies:

Disaster Management Bureau, Ministry of Relief Government of Bangladesh.

Address (telephone and fax-number) of the agencies in charge:

Disaster Management Bureau
Ministry of Relief
Government of Bangladesh
Dhaka-1000.
Telephone No. 323852
Fax No: 326137

5. Plans to fully achieve Decade targets by the end 1999

(As in 4 above, for each area of activity [i.e., hazard zoning/assessment, monitoring, preparedness, etc] please indicate as applicable, the project title, the participating institutions in the counter and/or on the international level, the costs of projects, the sources of funding and the implementing agencies).

1. The Planning Commission is being directed by the Cabinet to accord priority to the Disaster Mitigation Projects.
2. A Disaster Management Bureau has been created in May 1993 with objective of Co-ordinating all structural and non structural disaster mitigation and preparedness projects/activities in Bangladesh.
3. Committees have been set up at the National, District, Thana and Union level consisting of Policy Makers, govt. officials, NGO and Community leaders to initiate, Implementation and Co-ordinate activities necessary to achieve IDNDR Objectives.

SECTION C: INTERACTIONS

(This section focuses on international involvement in the IDNDR)

1. Publications on IDNDR - related subjects:

(E.g. manuals, brochures, bulletins and other publications of relevance to IDNDR. Please mention title, author/institution, place and year of publication)

Standing Orders for Flood	GoB	Dhaka	1984
Standing Orders for Cyclone	GoB	Dhaka	1985
Report of the Cyclone Preparedness Review	GoB	Dhaka	1985
Main Report - Volume I			
Natural Disasters affecting Bangladesh (including Social and Gender Issues) - Volume II			
Organisation and Systems for Disaster Management in Bangladesh - Volume III			
Damage Caused by Disaster (Agriculture [including Livestock and Fisheries], Forestry and Infrastructure) - Volume IV.			
Disaster Management Training Strategy - Volume V			
Concept Plan for Integrated Coastal Protection - Volume VI			

2. IDNDR meetings and conferences held or planned:

(Please indicate, date, location, organizing agency, national and international participation)

- Two IDNDR meetings held at the Ministerial level in 1992 and 1993.
- Secretary Ministry of Relief attended STC meeting in Delhi, 1993.
- National IDNDR committee formed and one meeting of the committee was held on 18.05.1993.
- District, Thana and Union Disaster Management Committee also functioning as IDNDR committee in respective level.

3. Current or planned partnerships and co-operation related in IDNDR with other countries.

(Please indicate Government, National Committees, Institutions or Organizations involved).

The SAARC Countries (Bangladesh, Bhutan, India, Maldives, Nepal and Pakistan) held a seminar on Disaster Management in Comilla, Bangladesh in October 1993.

SECTION D: EVALUATION

(This section analyses national progress and outlines possible improvement)

1. Overall evaluation of national disaster mitigation programmes including, but no limited, to, those initiated after IDNDR and achievements up t now

(Please elaborate on whether the targets set by the National Committee, if any, the national disaster mitigation plans or other IDNDR activities have been met. If not, please indicate reasons.)

Previously there was no central Organisation to Co-ordinate disaster management activities/project. The Ministry of Relief however worked as focal point for disaster management. In May 1993 the government of Bangladesh has established a new organisation named Disaster Management Bureau, which will co-ordinate all Disaster Management Activities in Bangladesh. Moreover the following Committees set up during 1992 and 1993 are working towards achieving the IDNDR objectives:

- a) National IDNDR Committee (Chairman: Minister for Relief)
- b) National Disaster Management Council (Chairperson : Prime Minister)
- c) Inter-ministerial Disaster Management Co-ordination Committee (Chairman: Minister for Relief)
- d) Committee for Coordinating Disaster Mitigation Projects (Chairman : Minister for Planning)
- e) District Disaster Management Committee (Chairman : Deputy Commissioner)
- f) Thana Disaster Management Committee (Chairman Thana Executive Officer)
- g) Union Disaster Management Committee (Chairman : Union Council Chairman)
- h) National IDNDR Committee was formed (Chairman : Minister for Relief)
- i) District and Thana IDNDR Committee was formed (Chairman : Deputy Commissioner and TNO)

2. Review of the IDNDR

(Critique of the Decade to date and suggestions for improvement/modifications in the second half).

The developing and under-development countries where natural or man-made disasters do mostly occur, suffer from resource-constraints and hence these countries are unable to prepare and implement disaster mitigation projects. The developed countries should come up with helping hands in order to make the decade a grand success.

Bangladesh : Major Natural Disasters

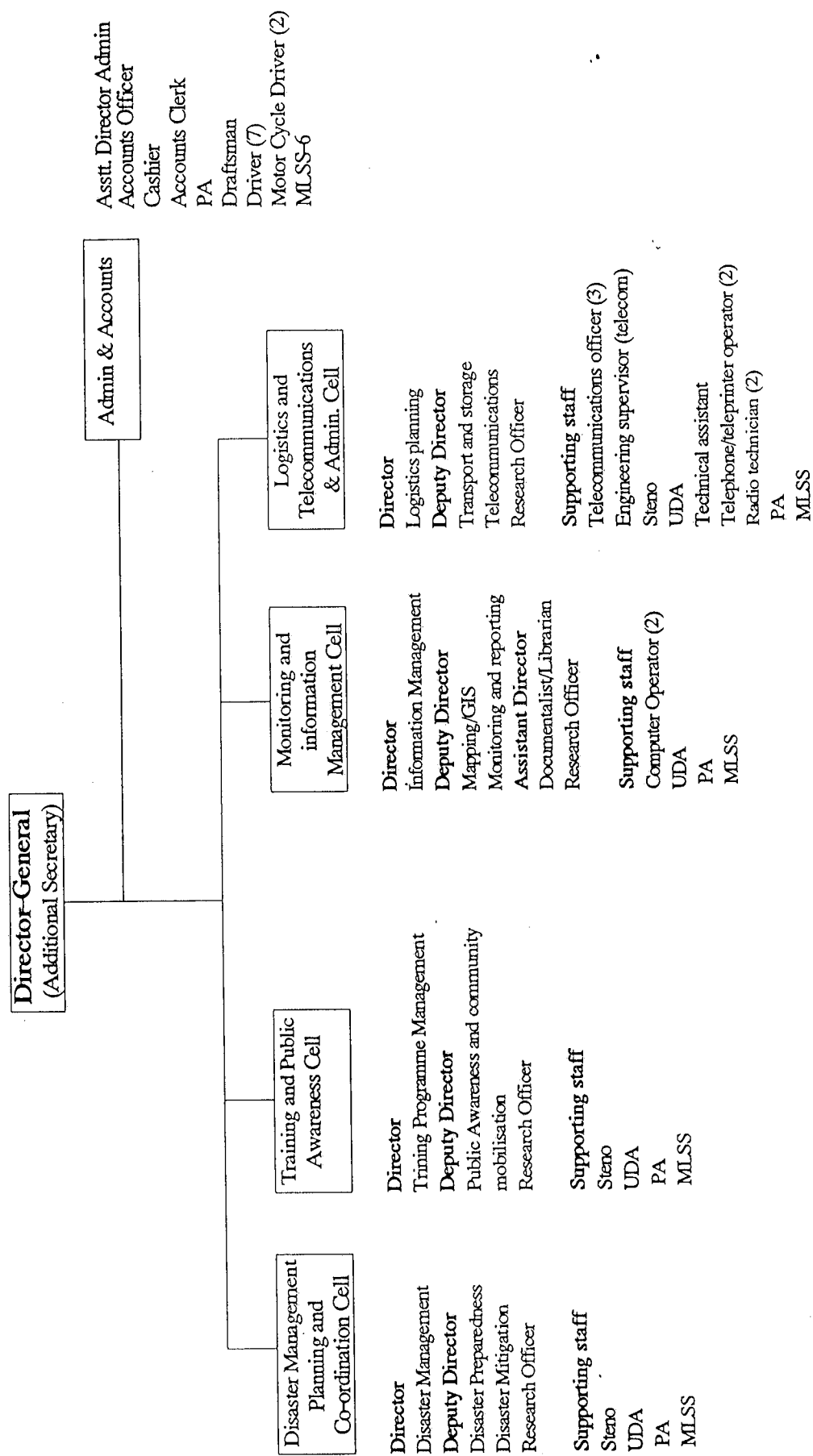
Year	Type of Disaster	Deaths
1644-45	Floods	+
1648	Floods	+
1769-70	Drought	+
1783-84	Drought	+
1797	Cyclone	+
1833	Earthquake	+
1822	Cyclone	40,000
1865-66	Drought in West Bengal, present Bangladesh largely escaped	135,000
1871	Floods (Rajshahi)	+
1873-74	Drought	+
1876	Cyclone	100,000
1885	Floods (Rajshahi/Dinajpur)	
1892	Floods (Rangpur/Dinajpur)	
1896-97	Drought	+
1897	Earthquake	+
1897	Cyclone	+
1898	Cyclone	175,000
1906-7	Floods in East Bengal	+
1901	Cyclone	+
1909	Cyclone (2)	+
1911	Cyclone	+
1917	Cyclone	+
1918	Earthquake	+
1918	Floods	
1919	Cyclone	+
1922	Cyclone	+
1922	Floods	
1923	Cyclone	+
1926	Cyclone	
1936	Cyclone	
1941	Cyclone	+
1942	Cyclone	+
1943-44	Drought, irregular rain, transport dislocation and War, includes West Bengal	3,000,000
1947	Earthquake	
1950	Earthquake	
1954	Earthquake	
1955	Floods	+
1957	Earthquake	
1960	Cyclone (2)	11,149
1961	Cyclone	11,468
1963	Cyclone	11,520
1964	Cyclone	196
1965	Cyclone	19,270
1966	Cyclone (2)	850
1969	Cyclone	75
1969	Tornado	922
1970	Cyclone	300,000
1972	Drought	+
1973	Cyclone (2)	103
1974	Cyclone	20
1974	Floods followed by famine	30,000
1975	Cyclone	5
1975	Floods	+
1977	Cyclone	+
1978/79	Drought	+
1981	Cyclone	2
1982	Drought	+
1983	Cyclone (2)	343
1984	Floods	+
1984	Cyclone	
1985	Cyclone	11,069
1986	Cyclone	14
1987	Floods	1,657
1988	Floods	2,379
1988	Cyclone	5,708
1989	Drought	+
1991	Cyclone	138,868

Source : BBS, 1990; Munir-uz-Zaman, 1990; CDL, 1992a; Kafiluddin, 1991; ADB 1991a; Mahalanobis, 1927; Gp. Capt. Syed Ahmed, 1985.

+ : No data found

Appendix 'B'

Organisation of the Disaster Management Bureau



Government of Bangladesh
Ministry of Relief
Bangladesh Secretariat, Dhaka

Notification

No. MoR/PC-AC-1/55/93/293(25)

Dated: 24-11-1399/08-03-1993

The General Assembly has in its 44th Session declared the years 1990-2000 International Decade for Natural Disaster Reduction (IDNDR), Committees have been formed at national levels in different countries of the world in order to reduce losses to life and property caused due to natural disaster through undertaking and implementing various programmes and activities. Ministry of Relief being the focal point of the GoB has formed under it IDNDR National Committee with the following, in order to materialise those programmes.

IDNDR National Committee

Composition

- | | | |
|-----|------------------------------------------------------------|----------|
| 1. | Hon'ble Minister for Relief | Chairman |
| 2. | Secretary, Cabinet Division | Member |
| 3. | Secretary, PM's Office | Member |
| 4. | Secretary, External Relations Division | Member |
| 5. | Secretary, Ministry of Food | Member |
| 6. | Secretary, Ministry of Relief | Member |
| 7. | Secretary, Ministry of Health and Family Welfare | Member |
| 8. | Secretary, Ministry of Agriculture | Member |
| 9. | Secretary, Road and Road Transport Division | Member |
| 10. | Secretary, T&T Ministry | Member |
| 11. | Secretary, Finance Division | Member |
| 12. | Secretary, Ministry of Shipping | Member |
| 13. | Secretary, Local Government Division | Member |
| 14. | Secretary, Ministry of Information | Member |
| 15. | Secretary, Ministry of Irrigation, | Member |
| | Water Development and Flood Control | |
| 16. | PSO, Supreme Command Headquarters | Member |
| 17. | Chairman, Red Crescent Society | Member |

19. Director-General, Department of Relief and Rehabilitation Member
20. Director-General, Disaster Management Bureau Member
21. Director, Bangladesh Meteorological Department Member
22. Director, Cyclone Preparedness Programme Member
23. Joint Secretary (Relief), Ministry of Relief Member-Secretary

Terms of Reference:

1. Advise on policy formulation and appropriate measures with advanced technology for management and reduction of natural disaster in the IDNDR decade.
2. Provide guidelines for observance of IDNDR day and for holding seminar discussion etc. on disaster related issues at national level.
3. Constitute IDNDR Committees at Districts and Thana levels under the leadership of District and Thana administration and expand activities to achieve the target of the decades.
4. Preparation and Implementation of projects designed to reduce disasters.
5. Advise on practising and adjustment of foreign and indigenous technologies at reducing natural disasters.
6. Other relevant matters.
7. If needed, the Committee can co-opt new members. The Committee will meet as and when necessary.
8. Ministry of Relief will provide secretarial service to the Committee

M. Amin Ullah
Joint Secretary
Ministry of Relief

A. DISTRICT COMMITTEE

1. Deputy Commissioner Chairman
2. Superintendent of Police Member
3. Civil Surgeon Member
4. Executive Engineer, District Council/LGED Member
5. Executive Engineer/Sub-Divisional Engineer
Public Health Engineering Bureau Member
6. Deputy Director, Family Planning Member
7. Deputy Director, Department of Livestock Member
8. Deputy Director, Rural Development Board Member
9. Nejarat Deputy Collector Member
10. District Adjutant, Ansar and VDP Member
11. Assistant Director, Local Government Member
12. Additional Deputy Commissioner (General) Member
13. Deputy Director, (Agriculture) Member
14. Executive Engineer, Water Development Board Member
15. Concerned Official, Meteorological Directorate Member
16. One Engineer from R&H Department Member
17. Divisional/Assistant Engineer, T&T Board Member
18. Official of Cyclone Preparedness Programme (CPP) Member
19. District Relief and Rehabilitation Officer (DRRO) Member-Secretary

Terms of Reference

1. Arrange discussion postering and exhibition to Observe IDNDR day at the District level and to increase public awareness about disaster in the concerned area.
2. Prepare strategy for disaster management and reduction of its impacts.
3. Keep the Govt. informed of the actual situation during disaster and be actively involved in the implementation of all policies and programmes on disaster undertaken by the Govt.

B. THANA COMMITTEE

1.	TNO	Chairman
2.	Thana Health Officer	Member
3.	Thana Agriculture Officer	Member
4.	Thana Engineer	Member
5.	Thana Social Welfare Officer	Member
6.	Police Officer-in-Charge	Member
7.	Thana Livestock Officer	Member
8.	Thana Ansar and VDP Officer	Member
9.	Sub-Assistant Engineer PHE	Member
10.	Assistant Commissioner (Land)	Member
11.	Thana T&T Officer	Member
12.	Thana Officer from R&H Department	Member
13.	Thana Officer from Met Office	Member
14.	Officer of CPP	Member
15.	Assistant Engineer, Water Development Board	Member
16.	Thana PIO	Member-secretary

Terms of Reference

1. Arrange discussion poster and exhibition to observe IDNDR day at the Thana level and to increase public awareness about disaster in the concerned area.
2. Identify ways to increase co-operation between the Govt. and the people and help prepare appropriate strategy to face disaster.
3. Submit proposals to the Govt. designed to improve disaster situation and arrange to implement proposals.

8/01/94
 MOTAHAR HOSSAIN
 Deputy Chief (Planning)
 Ministry of Relief