

ASSESSMENT OF ACHIEVEMENTS DURING THE DECADE

Information on Provider

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Experience and Recent Disaster (Part 1)

1.1. Please provide a list of major disasters your country has experienced during the past five (5) years.

- 1. 1994 Floods of Catastrophic nature*
- 2. 1995 Floods of Catastrophic nature*

1.2 What were the impacts of the above listed disasters? (i.e. direct damage to assets vs. long term damage to the local economy, health, etc)

*Damage to Public Infrastructure of Irrigation and Drainage
Communication & Works (roads), education & health facilities.*

1.3 Which measures were taken to reduce the impact of the disaster? What measures will be taken to avoid impacts of future disasters?

- 1. Damage to public infrastructure of irrigation & Drainage, Communication & works & health facilities were restored to pre-flood condition.*
- 2. Implementation of comprehensive National Flood Protection Plan will ensure avoidance from impacts of future disasters.*

1.4 Do you believe there can be improvements in preparing for natural hazards in your country and in preventing negative impacts of such hazards? What sort of improvements?

Yes.

By in time preparation & implementation of physical disaster control structures, proper and real time forecasting early warning to the likely affected people.

1.5 Do you believe the IDNDR helped your country to give greater attention to disaster reduction?

_____ Yes _____ No

Explain

It is presumed that IDNDR had extended considerable support and assistance but that had not been conveyed/intimated by IDNDR particularly to Federal Flood Commission, Ministry of Water and Power, Government of Pakistan

1.6 Please provide an examples(s) an achievement (s) incorporating successful preventive approaches, which you consider a "success story"

Progress made, since the inception of IDNDR, in the field of disaster reduction as a component of development planning and risk management (Part 2)

2.1 Please provide a brief statement of national accomplishment and/or describe current activities related to the achievement of the IDNDR Program Targets:

(a) Comprehensive national assessment of risks. If an assessment exists, is it published or codified?

Substantial protection has been provided to more than 250 flood vulnerable sites throughout the country under a Flood Sector Project, Moreover improvements in Flood Forecasting & advance warning has also been achieved to a great extent the completion of this project has indicated the level of protection against risks and the future necessity of further protection. Such an assessment is available in the form of a project completion report.

(b) Structured mitigation plans. Do documented comprehensive national disaster management plans exist? Plans at national, provincial and local levels, if available, will be useful to describe the progress.

National Disaster Management Plan comes under the purview of Cabinet Division of Govt. of Pakistan However, Federal Flood Commission is working on the

preparation of comprehensive Flood Warning Manual which will indeed be a step towards national disaster management.

(c) Ready access to global, regional, national and local early warning systems. Can you provide examples of early warning practices and demonstrated successes?

Yes ready access to global, regional, national and local early warning systems. Installation & Commissioning of a 10-CM Weather Radar at PMD Lahore is a good national step towards effective early warning practices and has demonstrated successes

2.2 What obstacles do you face which prevent the accomplishment of the Decade targets? What are your recommendations to best overcome these obstacles?

1. *Non-availability of funds*
2. *Non-availability of Grant in Aid*
3. *Less availability of in country and out country training on Disaster Management in particular through IDNDR.*

2.3. To what extent have you established and implemented educational and information programs aimed at generating public awareness? What methods of information dissemination have been utilized?

NGOs at federal as well as at provincial levels are the main agencies establishing & implementing educational & information programs aiming at community participation in disaster management. Seminar, Workshops, camps etc. were the main information dissemination tools.

2.4. Have you liaised with policy makers and major groups, such as local authorities, NGOs, and the media, in order to ensure support for an effectiveness of disaster reduction programs? Please describe your activities

Yes.

1. *Through participation in disaster reduction programs/seminars/workshops.*
2. *By inviting NGOs, policy makers and local authorities in workshops aiming at encouraging community involvement in disaster mitigation*

2.5. To what extent have you worked with other sectors in incorporating disaster reduction activities into their planning (i.e. insurance, banking, private sector and development agencies)?

Worked with International donors, private sector, Engineering Consultants in the preparation of Feasibility/Tech Assistance MOUs, loan negotiations, approval signing, engagement of Consultancy firms, NGOs, preparation (design, planning), approval of physical disaster control works and their physical implementation through provincial executing agencies.

2.6. The Decade provides an international arena for information exchange as well as an extensive international network of partners, how have these inputs contributed to achieving the goals of the decade?

No. Comments, IDNDR had not been that effective in maintaining correspondence with Federal Flood Commission as it might have been

**Regional/Sub-regional Achievements based on national perspectives
(Part 3)**

3.1. Please describe important achievements in your region/sub-region on disaster preparedness and reduction since the inception of the IDNDR

In Pakistan since 1990, three major flood damage restoration & rehabilitation and flood protection projects have successfully been executed with the assistance of Asian Development Bank, World Bank, European Union and KfW of Germany under these projects some 4500 sites of restoration nature have been rehabilitated whereas protection to more than 400 sites have been provided through the construction of dykes, embankments, spurs, provision of better forecasting and early warning facilities

3.2. Do you take part in any regional/sub-regional mechanism on disaster reduction? If yes, what type of mechanism is it and is there any linkage to IDNDR? Please describe

3.3. Have you participated in any regional/sub-regional events related to IDNDR? If yes, what are the benefits obtained from these events?

NO

3.4. Is there any need to further strengthen regional/sub-regional cooperation in disaster preparedness and reduction? If yes, please explain

Yes. By more effective and concrete cooperation in terms of provision of grants in Aid for combating natural disasters, arranging workshops for community mobilization to prepare for the natural hazards etc.

Structures in Place (Part 4)

4.1. Is there a designated government authority for disaster reduction activities? If yes; is this authority's commitment to prevention embodied in the government structure, priorities, budget and legislation?

Yes, Commitment to prevention is embodied in the governmental structure, priorities, budget and legislation

4.2. Have budget lines for disaster reduction and preventive activities been made available in your government's budget?

Yes

4.3. Have legislative authorities (national, state or local level) established legal frameworks for the implementation of disaster mitigation measures (i.e. land-use planning, water and forest management, building codes)?

Yes

4.4. Have academic institutions and professional schools in disciplines such as engineering, geology, agriculture, architecture, urban planning, business or public administration incorporated in their curricula applicable disaster-reduction concepts and measures? Please provide examples.

Not known

4.5. Have networks been built in order to aid in the transfer and application of existing knowledge and technology, information dissemination and international collaboration? Please briefly describe

No. There is a need of such network

4.6. Who are your principal working partners? Do they represent an interdisciplinary approach to disaster reduction?

Federal Flood Commission, Ministry of water and Power works for various disaster reduction measures through provincial Irrigation & Power Department, Pakistan Meteorological Department, National Flood Forecasting Bureau, Provincial Flood Relief Departments, Provincial District Administration, Pakistan WAPDA, Pak Army and Emergency Relief Cell of Federal Government and they represent an inter disciplinary approach to disaster reduction

Future Requirements (Part 5)

5.1. Given your experience since the inception of the Decade and the new challenges of disasters in the 21st century, please provide comments as to what you believe are the necessary future requirements needed to successfully carry disaster reduction activities into the 21st century. Listed below are some criteria for your consideration:

- International mechanism for coordination
- Budgetary commitments.
- Policy commitment
- Network building
- Information dissemination
- Communication tolls
- Local authorities
- Links to economic and social development programs, environmental protection and sustainable development

We agree to the above listed criteria. In addition IDNDR should mobilize on regular basis grant in Aids for countries like Pakistan which is hit regularly by natural disasters like flood.

5.2. Please identify priorities in international cooperation, such as the establishment of regional/sub-regional warning systems, disaster preparedness, technology transfer, financial resources, technical assistance, etc. which you deem pertinent in order to sustain disaster reduction activities in the future.

The priorities in International cooperation may be:

1. *Availability of quick financial resources*
2. *Availability of quick technical assistance.*
3. *Transfer of technology*
4. *Establishment of a disaster management directorate*
5. *Establishment of regional warning systems.*
6. *Disaster preparedness and awareness activities for the general public*

5.3. What sort of national or international measures would you like to be put in place in the 21st century?

1. *Better regional & sub-regional interaction towards disaster management.*
2. *Effective installation, commissioning & operation of state of the art disaster management facilities, especially for most badly hit countries including in particular Bangladesh, India, Pakistan, China, Japan, Burma etc.*
3. *More effective use of International space satellites for better dissemination of weather/disaster related information on*
 - I. *Country to country level*
 - II. *Regional level*
 - III. *Sub-regional level**on real time basis.*
4. *Establishment of disaster mitigation Directorate at*
 - I. *Country to Country level*
 - II. *Regional level*
 - III. *Sub-regional level**based on the type and frequency of occurrence of a natural disaster*

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Experience and Recent Disasters (Part 1)

1. Please provide a list of major disasters your country has experienced during the past five (5) years.
 During the last five years the country faced only one big flood during 1997 which caused flooding in the rivers Jhelum and Chenab.
 Earthquake of magnitude 6.2 on Richter Scale strongly felt on 28-02-1997

2. What were the impacts of the above listed disasters?(i.e direct damage to assets vs. long-term damage to the local economy, health, etc).
 Damaged list due to floods has been attached.
 Many people killed and injured, thousands animal perished, considerable damage in Harnai Sub-Division due to earthquake.

3. Which measures were taken to reduce the impact of the disaster? What measures will be taken to avoid impacts of future disasters?
 Separate sheet about floods attached.
 Seismic factor may be observed for the construction of the building in the relevant zone.

4. Do you believe there can be improvements in preparing for natural hazards in your country and in preventing negative impacts of such hazards? What sort of improvements?
 Improvements are expected. Both the structural and non-structural measures (Flood Forecasting) will get strengthened.
 Awareness of seismicity may be developed in the people and be enforced by the Government.

5. Do you believe the IDNDR helped your country to give greater attention to disaster reduction?
 Yes No Explain.
 It might have helped but IDNDR programmes are taken up by other Government functionaries

6. Please provide an example(s) an achievement (s) incorporating successful preventive approaches which you consider a "success story".
 No information is available with Pakistan Meteorological Department

Progress made, since the inception of IDNDR, in the field of disaster reduction as a component of development planning and risk management (Part 2)

2.1. Please provide a brief statement of national accomplishment and/or describe current activities related to the achievement of the IDNDR Programme Targets:

a) Comprehensive national assessment of risks. If an assessment exists, is it published or codified?.....

Information not available

b) Structured mitigation plans. Do documented comprehensive national disaster management plans exist? Plans at national, provincial and local levels, if available, will be useful to describe the progress.....

The information might be available with Emergency Relief Cell, Cabinet Division, Government of Pakistan, Islamabad

c) Ready access to global, regional, national and local early warning systems. Can you provide examples of early warning practices and demonstrated successes?

Early warning of weather systems by India & Bangladesh are received through R.T.T., T.P. messages, Radio & through telephone links.

2. What obstacles do you face which prevent the accomplishment of the Decade targets? What are your recommendations to best overcome these obstacles?.....

The same as 2.1 (b) above

3. To what extent have you established and implemented educational and information programmes aimed at generating public awareness? What methods of information dissemination have been utilized?.....

Through press, Internet and Electronic Media like T.V. and Radio etc.

4. Have you liaised with policy makers and major groups, such as local authorities, NGOs, and the media, in order to ensure support for and effectiveness of disaster reduction programmes? Please describe your activities.....

Pakistan Meteorological Department keeps close liason with Federal Flood Commission, Army Engineering Corps, Relief Commissioner and other flood mitigation agencies for working out effective disaster reduction programmes related to floods. NGOs are supported by meeting their requirements of Meteorological data.

5. To what extent have you worked with other sectors in incorporating disaster reduction activities into their planning (i.e. insurance, banking, private sector and development agencies)?

Such an assignment is not entrusted to Pakistan Meteorological Department. Data feeding is made as and when the other sectors ask for that.

3. The Decade provides an international arena for information exchange as well as an extensive international network of partners, how have these inputs contributed to achieving the goals of the Decade?

The detailed information might be available with Emergency Relief Cell, Cabinet Division, Government of Pakistan, Islamabad.

Regional/Subregional Achievements based on national perspectives (Part 3)

4. Please describe important achievements in your region/subregion on disaster preparedness and reduction since the inception of the IDNDR.

The detailed information might be available with Emergency Relief Cell, Cabinet Division, Government of Pakistan, Islamabad

5. Do you take part in any regional/subregional mechanism on disaster reduction? If yes, what type of mechanism is it and is there any linkage to IDNDR? Please describe.

The same as 3.1 (b)

6. Have you participated in any regional/subregional events related to IDNDR? If yes, what are the benefits from these events? No

7. Is there any need to further strengthen regional/subregional cooperation in disaster preparedness and reduction? If yes, please explain.

YES. Data exchange and early warning systems need to be further exchanged

Structures in Place (Part 4)

Is there a designated government authority for disaster reduction activities? If yes, is this authority's commitment to prevention embodied in the government structure, priorities, budget and legislation?

Yes, an Emergency Relief Cell works in Cabinet Division, Government of Pakistan, Islamabad.

Have budget lines for disaster reduction and preventive activities been made available in your government's get?

Yes, with the concerned Government agencies

Have legislative authorities (national, state or local level) established legal frameworks for the implementation of disaster mitigation measures (ie. land-use planning, water and forest management, building

YES

4. Have academic institutions and professional schools in disciplines such as engineering, geology, agriculture, architecture, urban planning, business or public administration incorporated in their curricula applicable disaster-reduction concepts and measures? Please provide examples.

Yes. Further details from the Emergency Relief Cell.

5. Have networks been build in order to aid in the transfer and application of existing knowledge and technology, information dissemination and international collaboration? Please briefly describe.

- (i) Seismic data is exchanged with U.S.G.S. at U.S.A.
- (ii) Government of Japan impart training in Seismic disaster prevention etc.

6. Who are your principal working partners? Do they represent an interdisciplinary approach to disaster reduction?

The information might be available with Emergency Relief Cell, Cabinet Division, Government of Pakistan, Islamabad and Relief Commissioner, Relief Department, Board of Revenue, Punjab, Lahore

Future Requirements (Part 5)

5.1. Given your experience since the inception of the Decade and the new challenges of disasters in the 21st century, please provide comments as to what you believe are the necessary future requirements needed to successfully carry disaster reduction activities into the 21st century. Listed below are some criteria for your consideration:

- international mechanism for coordination
- budgetary commitments
- policy commitment
- network building
- information dissemination
- communication tools
- local authorities
- links to economic and social development programmes, environmental protection and sustainable development

Pakistan Meteorological Department deals with weather related disasters and with earthquakes. Branches dealing with different disasters need to be further strengthened with the latest technology.

5.2. Please identify priorities in international cooperation, such as the establishment of regional/subregional warning systems, disaster preparedness, technology transfer, financial resources, technical assistance, etc. which you deem pertinent in order to sustain disaster reduction activities in the future.

Technology Transfer, Technical Assistance, Financial Resources etc.

5.3. What sort of national or international measures would you like to be put in place in the 21st century?

International Seminars/Workshops are arranged to reduce the impact of Disasters.