

NETHERLANDS  
NATIONAL SUMMARY REPORT  
I D N D R

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<b>Contact:</b>	Focal Point for IDNDR	<b>Phone:</b>	(31.70) 3484308
	Head Emergency & Humanitarian		or 3486770
	Aid Section (DMP/NH)	<b>Fax:</b>	(31.70) 3485904
	Ministry of Foreign Affairs		
	P.O. Box 20061	<b>Telex:</b>	044/31326 or
2500 EB The Hague		31328 buza nl	
(The Netherlands)		attn. dmp/nh	

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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):**

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

Ministries		Non-Governmental Organizations	
-		-	
-		-	
-	[ ]	-	[ ]
Academic & Research Institutions		Media	
-		-	
-	[ ]	-	[ ]
Private Sector		Insurance	
-		-	
-	[ ]	-	[ ]
Public Services (e.g. meteorological, etc)		Others	
-		-	
-	[ ]	-	[ ]

## 2. Internal organization of the National Committee

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

*No national committee, only a national focal point.*

## 3. Prevailing hazards

Type	Location	Affected Population
<i>- Storms - Floods - Winter hazards like blizzards</i>	<i>- Coastal areas - large river courses (Rhine, Meuse).</i>	

(Please attach additional information if necessary)

## 4. Recent natural disasters

Type	Location	Affected Population	Losses
<i>- Earthquake (1992)</i>		<i>20 persons injured</i>	
<i>- Flooding (1993)</i>	<i>province of Limburg</i>	<i>± 30.000</i>	<i>evacuation and material damage</i>

## 5. National socio-economic conditions

- Population:
- Gross-National Product (GNP):
- Per-Capita Income:

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

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

In principle every type of assistance, that can be expected from a highly industrialized and developed society, can be requested through the National Coordination Centre (Landelijk Coördinatie Centrum) of The Ministry of the Interior. The Netherlands will then try to meet the demands as appropriate, in consultation/cooperation with other relevant departments.

7. International assistance required for natural disaster reduction

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

No specific requirements for assistance.  
In case of a large scale disaster there exists the possibility for assistance through the mutual assistance agreements with Belgium and Germany.  
Assistance can also be asked from the European Union member nations, through the European Commission based on the EC resolution from 8 July 1991.  
This excludes assistance for nuclear incidents which will be coordinated by the IAEA in Vienna.

## 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;
- Identification of hazard zones, hazard, vulnerability and risk assessment is done for the prevailing hazards (windstorms, riverfloodings, seafloodings, blizzard and glazed frost).
- (b) Mitigation plans at national and/or local levels, involving long-term prevention and preparedness and community awareness; and
- Long-term prevention measures:
    1. Windstorms (a) non-structural: ----  
(b) structural: appropriate building codes with high wind resistibility
    2. Floods (a) non-structural: Delta-act 1957 (branches of the delta are closed by Delta-works)  
(b) structural: a program to bring all dikes on a height at which the probability of a collapse is 1:50 000 is in progress  
Delta-works and the maintenance of dikes and locks
    3. Blizzards (a) non-structural: ----  
(b) structural: ----
- (c) Ready access to global, regional, national and local warning systems and broad dissemination of warnings.
- The National Meteorological Offices gives forecasts by radio and television
  - Floods: The International Monitoring and Alarm Service Rhine is able to predict in the early stage.  
The Storm-surge Warning Service constantly measures the effects of tides and wind on the dikes.

\* A new warning and alarm system for the population is currently being installed.

## 2. Present national plan for natural disaster reduction

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a) Time span covered:

b) Agencies, institutions and organizations involved:

- Ministry of the Interior - Fire Services and Crisis Management Department
- Ministry of Health, Culture and Welfare \ National Coord. Centre (LCC)
- Ministry of Housing, Physical Planning and the Environment
- Ministry of Transport and Public Works.

c) Implementing agencies:

- Fire Services and Crisis Management Dep.
- Police Dep.
- Municipal Health and Ambulance Organization
- Red Cross Organization
- National Organiz. of Trauma Teams.

d) Funds available for implementation:

## 3. Legislation introduced and enacted in relation to natural disaster reduction

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Disaster Relief Act (updated 1993)

Fire Services Act 1985.

4. Disaster mitigation activities completed or underway:

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a) Identification of hazard zones: hazard assessment

Title of project:

- a. (Industrial) Safety Effect Analyses. (EVR).
- b. Nuclear Accident Arrangements (PROB)
- c. Immediate Medical React. Arrangements (SIGMA).

Status:

- a. being developed.
- b. Completed and implemented.
- c. ✓

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

Ministry of the Interior, Provinces, Municipalities.  
Ministry of Transport and Public Works.  
Ministry of Physical Plan. and the Environment.  
Ministry of Social Affairs and Employment.  
(Regional) Fire Services Organizations.

Costs of project:

- a. 4 fl. 80.000.
- b. n.a.
- c. unknown.

Sources of funding:

State financed.

Implementing agencies:

(Region) Fire Services and Municipal Health organizations  
Coordinated from The Hague (Nation. Govt level).

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

Ministry of the Interior / ~~Fire Services~~ Direct (CBRB).  
and C.M.  
P.O. Box 20011.  
2500 EA. The Hague.  
070-302 7542 / 06482.  
070-302 7424 (fax). 6

b) Monitoring, prediction and warning

Title of project: a. Warning and Monitoring System.  
b. Reorganisation of Regional Organization.  
c. Modernisation of equipment.

Status:

- a. final stage of completion
- b. being developed and partly ready
- c. ready, but ongoing activity.

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

Ministry of the Interior and Regional fire services.

Costs of project:

- a. ± 130 million Dfl.
- b. —
- c. ± 90 million Dfl.

Sources of funding:

Government.

Implementing agencies:

Fire Services and C.M. Dept.  
Regional Organizations.  
Municipal Organiz. as appropriate.

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

Ministry of the Interior - Fire Services and Crisis Manag.  
The Hague. Department.

070 - 302 7542 / 6009.  
302 7424 (fax).

c) Short-term protective measures and preparedness 29  
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Title of project:

- a. National Nuclear Accidents Project (NPA)
  - b. Not known.
- unclear what is meant!

Status:

- a. completed and implemented.

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

- a. 3. Ministry of Health, Culture and Welfare.
2. Ministry of Housing, Physical Planning and the Environment.
1. Ministry of the Interior.
4. Ministry of Food, Agriculture and Fisheries.

Costs of project:

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Sources of funding:

Govt. funded.

Implementing agencies:

National, regional and local authorities together with some specific technical organizations have been organized into an overall Nuclear Emergency Relief Organization including connection with the IAEA.

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

Ministry of the Interior  
Fire Services and Crisis Management Direct.  
P.O. Box 20011.  
2500 EA. The Hague  
tel: 070 - 3027367 / 3026482:  
Fax: 070 - 3026786.8



d) Long-term preventive measures

Title of project:

See section B - question 1.  
a. Revision of Crisis Management structure and  
Status: National Policy

b. Revision of Intervention policy for Environmental Emergencies

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

a. Ministry of Interior with all other ministries

b. Ministry of the Interior with Ministry of Housing,  
Physical Planning and the Environment  
(VROM).

Costs of project:

Sources of funding:

GOVE.

Implementing agencies:

a. Fire Services Directorate with other departmental agencies as appropriate.

b. " " " and Ministry of the Environment (RIVM agency).

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

Ministerie van Binnenlandse Zaken. (Min. of the Interior).  
Fire Services and Crisis Management Directorate

P.O. Box 20011  
2500 EA. The Hague.

070 - 3027542

070 - 3027424 (fax).

e) Land-use and risk management

Title of project:

See 4. a

Status: of Risk Analyses and Land-use Planning schemes/regulations constantly updated and refined in line with European Commission Guidelines.

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

Ministry of Housing, Physical Planning and the Environment.

Costs of project:

Sources of funding:

Govt.

Implementing agencies:

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

Ministerie van Volkshuisvesting, Ruimtelijke Ordening en Milieubeheer (VROM).

Directorate for International Environmental Affairs.

P.O. Box 30945  
2500 GX The Hague.

070-339 39 39.

070-339 1306. (Fax)

f) Public education and information

Title of project: Information of the Public. programme  
"What to do in case of an emergency"  
when the siren goes".

Status: being implemented.

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

Ministry of the Interior.  
Provinces and Municipalities.

Costs of project:

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Sources of funding:

Govt. funded.

Implementing agencies:

Ministry of the Interior.

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

Ministerie van Binnenlandse Zaken - Directie Brandweer  
P.O. Box 20011. in Rampen Bestrijding  
2500. EA. The Hague  
070 - 302 7542 / 302 6482  
070 - 302 6786 (fax).

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

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(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 country and/or on the international level, the costs of projects, the sources of funding and the implementing agencies.)

Review and Re-organization of the Disaster relief organization.

Review of National Crisismanagement Organization and Policies

Review/Refining of intervention policy in environmental emergencies

## SECTION C: INTERACTIONS

(This section focuses on international involvement in the IDNDR.)

### 1. Publications on IDNDR-related subjects:

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

### 2. IDNDR meetings and conferences held or planned:

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

### 3. Current or planned partnerships and cooperation related to IDNDR with other countries

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

## SECTION D: EVALUATION

(This section analyses national progress and outlines possible improvement.)

- 1. Overall evaluation of national disaster mitigation programmes including, but not limited to, those initiated after IDNDR and achievements up to now**

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(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.)

- 2. Review of the IDNDR**

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