PART III IMPLEMENTATION

43

SECTION 1. THE IDNDR SECRETARIAT OPERATING PLAN (October 1993-December 1994).

The IDNDR Secretariat's Strategy (Areas 1 - IV) is carried out through an IDNDR Secretariat Operating Plan. The Operating Plan comprises eight Programmes (A - H) as follows...

Area 1. Disaster Reduction Capacities, Technoplogies and Concepts...

Programme A. Disaster Reduction Assessment, Enhancement, and Capacity Building. Programme C1. Fund Raising and Resource Mobilisation (For Disaster Reduction).

Area 2. Concerted International Action.

Area 3.

Programme B. Support and/or Interaction with IDNDR Entities, International Actors and Sectors Concerned.

Awareness and Information.

Programme D IDNDR/Disaster Reduction Awareness Raising, and Public/Media

Information.

Programme E. IDNDR/ Disaster Reduction Information/Data Resources and Networking

Area 4. IDNDR Secretariat Performance and Capacity.

Programme F Policy/Planning, Organization, Monitoring and Reporting.
Programme G. Administration, Financial Management, Technical Support.
Programme C2. Fund Raising and Resource Mobilisation (For Secretariat).

Programme H. Organization and Conduct of Major Events

Each Programme is divided into Programme Elements

By Strategic Area and Programme, the Programme Elements are as follows:

AREA 1. DISASTER REDUCTION CAPACITIES, TECHNOPLOGIES AND CONCEPTS.

Programme A. Disaster Reduction Assessment, Development and Capacity Building.

Programme Elements:

- Definition and Maintenance of Country Disaster Reduction Profiles.
- Identifying and Correcting Major National Disaster Reduction Weaknesses.
- Post-Disaster Disaster-Reduction Lessons Learned Initiative.
- Integration of Disaster Reduction in Development and Development Assistance Policy and Planning.
- Collaboration with DMTP to Develop a Roving Disaster-reduction Workshop for Donor Organizations.
- Collaboration with DMTP in Regional and Country-level Workshops.
- Economic/cost benefit of Disaster Reduction
- International Focus on a Single Disaster Reduction Target (eg Schools).
- STC Demonstration Projects, IDNDR Projects

Programme C1. Fund Raising and Resource Mobilisation (For Disaster Reduction).

Programme Elements:

- The 1% for Disaster Reduction Initiative.
- Match-Making for Disaster Reduction.

DRAFT OF: 2 October 1993

AREA 2. CONCERTED INTERNATIONAL ACTION.

Programme B. Support and/or Interaction with IDNDR Entities, International Actors and Sectors Concerned.

Programme Elements.

- Agenda and Understandings for Concerted International Action in Disaster Reduction.
- Recruitment/secondment of staff to enable sustained interaction with and/or support of SHLC, STC, National Committees, Governments, Inter&Non-Governmental Organizations, etc. (by end 1993).
- Support to and Interaction with the Special High Level Council in Carrying out Commitments made in its 12 Point Plan of Action, and in Preparing for and Conducting Periodic Meetings.
- Support to and Interaction with IDNDR National Committees.
- Development of a Secretariat Strategy to interact with the private sector and motivate greater involvement in disaster reduction
- Preparation and Support of STC Meetings; holding of requested Consultative Meetings.
- Interaction and IDNDR Programme Development with UN Agencies
- Interaction and IDNDR Programme Development with International NGO's
- Interaction and IDNDR Programme Development with Private Sector
- Interaction and IDNDR Programme Development with Press and Audio/Visual Media.

AREA 3. DISASTER REDUCTION AWARENESS AND INFORMATION.

Programme D. IDNDR/Disaster Reduction Awareness Raising and Public/Media Information.

Programme Elements:

- Annual Organization and Promotion of IDNDR Day
- Development of a Strategy to Popularize and Market Disaster Reduction and the IDNDR Worldwide.
- Disaster Reduction Promotion in the Aftermath of Major Disasters.
- STOP Disasters: Continued bi-monthly publication of STOP Disasters; Bi-annual STOP
 Disasters readership survey and adapt in consequence
- Promotion of Universal use of STOP Disasters logo.

Programme E: IDNDR/Disaster Reduction Information/Data Resources and Networking.

Programme Elements.

- Development of capacity to inform or refer to information sources on IDNDR and Disaster Reduction Information
- Development of a Global Disaster Reduction Referral System (comparable to INFOTERRA).
- Maintenance of Information about IDNDR on UNIENET

AREA 4: IDNDR SECRETARIAT PERFORMANCE AND CAPACITY.

Programme F: Policy/Planning, Organization, Monitoring and Reporting

Programme Elements:

- Preparation and maintenance of an IDNDR Secretariat Strategy and Operating Plan (ongoing).
- Planning for Remainder of the Decade and Beyond, (including possible establishment of a

- permanent International Disaster Reduction Center).
- Integration of Disaster Mitigation Branch (organized geographically) with the IDNDR Secretariat into a DHA Disaster Reduction component; Secretariat to focus on D.R. advocacy, and DMB on D.R. monitoring and programming
- Development of Regional IDNDR capacities for all regions, comparable to Latin America
- Progressive expansion of the Scientific and Technical Committee (STC) into other disaster management disciplines, and increased representation of women.
- Deactivation of the UN IDNDR Steering Committee and transfer of its responsibilities to the IASC
- Broadening of IDNDR Inter-Agency Working Group to include non-UN entities; establishment
 of work programme/concentration areas and rotating chairmanship.
- Establishment of rotation of Special High Level Council Membership (SHLC).
- Recruitment/secondment of a Necessary Secretariat/DM Staff.
- Preparation of a proposal for a single major target for the IDNDR (e.g. Schools) (early 1994)
- Periodic External Review of Secretariat Performance.

Programme G. Administration, Financial Management, Technical Support.

Programme Elements:

- Day to day administration and management.
- Management of the IDNDR Trust Fund.
- Computerization, establishment of LAN, hookup to UNIENET, INTERNET, training.

Programme C2. Fund Raising and Resource Mobilisation (For Secretariat).

Programme Elements

- For IDNDR Secretariat: Assured Funding of Core Staff and Functions.
- For World Conference (\$3m)

Programme H. Secretariat Organization and Conduct of Major Events.

Programme Elements:

- Word Conference: Fund Raising and Resource Mobilization; Development of National and Regional Disaster Reduction Assessments; Information and Promotion...

SECTION 2. PROGRAMME ELEMENT SUMMARIES.

PROGRAMME ELEMENT SUMMARY.

AREA: I. DISASTER REDUCTION CAPACITIES, TECHNOPLOGIES AND CONCEPTS..

Programme: B. Disaster Reduction Assessment, Development and Capacity Building.

Programme Element Number and Title: B-? The Disaster Reduction Lessons Learned Initiative.

Responsible Secretariat Staff:
Summary: (Description Justification and Purpose, Targets, Products, Beneficiaries, Participants etc.)
Summary: After a major disaster, the IDNDR Secretanat will offer the Government of the affected country the services of one or more specialists to work with the National IDNDR Committee in conducting an <u>ex post facto</u> "lessons learned" review of prevention, mitigation or preparedness issues which contributed to or reduced the negative effect of the hazard. These "lessons learned" will be a basis for developing remedial measures and training programmes, if found necessary.
Justification and Purpose: The positive side of disasters is that the raised social and political sensitivities to disaster-related issues open a window of opportunity for bringing attention and funds to needs which might otherwise go unattended. A stand-by international mechanism to take advantage of such opportunities would have practical, positive effects. The threefold purpose of this initiative would be: 1) to increase consciousness and knowledge about disaster reduction; 2) to tie strengthening measures to needs identified through experience; 3) to demonstrate the "value added" of the IDNDR.
Key Dates Actions/Events:
Status (at), Next Actions and Comments:
Costs (Indicative - based on 4 missions a year): Staff (3) \$120,000, Travel: \$:60,000, Misc: \$10,000 Total \$180,000

Funding and Resources Available:

Awaited: Needed:

PROGRAMME ELEMENT SUMMARY.

AREA I: DISASTER REDUCTION CAPACITIES, TECHNOPLOGIES AND CONCEPTS. Programme: B. Disaster Reduction Assessment, Development and Capacity Building. Programme Element Number and Title: Country Disaster Reduction Profiles

Responsible Secretariat Staff:

Summary: (Description Justification and Purpose, Targets, Products, Beneficiaries, Participants etc.)

Key Dates Actions/Events:

- 1. Working Draft Outline of a Profile for a few countries already well known to DM Staff.
- 2. Determination of information sources.
- 3. Completion of the Profile
- 4. Agreement with DMTP and/or Resident Co-ordinator (s) to maintain

Status (at), Next Actions and Comments:

Costs (Indicative p a):

Funding and Resources Available.

Awaited:

Needed:

DRAFT OF: 2 October 1993

PROGRAMME ELEMENT SUMMARY.

AREA I. DISASTER REDUCTION CAPACITIES, TECHNOPLOGIES AND CONCEPTS...

Programme C-1 Fund Raising and Resource Mobilisation (for Disaster Reduction). Programme Element Number and Title: The 1% for Disaster Reduction Initiative.

Responsible Secretariat Staff

Summary: (Description Justification and Purpose, Targets, Products, Beneficiaries, Participants etc.)

Description: A Statement of Intent is signed between the IDNDR Secretariat and individual international donors (Governments, non-governmental and intergovernmental organizations), that for the period of the Decade, in cases of natural disasters, the donor will add to its total emergency assistance a 1% contribution to a disaster reduction programme to benefit the affected country. The donor will make the contribution bilaterally or through a multilateral channel as he sees fit. The IDNDR Secretariat will maintain and publicize summanes of projects and funding mechanisms. A roster of participants in the programme will be maintained and published in appropriate documentation (STOP Disasters, GA/ECOSOC Reports, IDNDR publications etc.,) along with any project/or programmes funded in that manner.

Justification and Purpose: Disaster relief captures international headlines and resources Disaster reduction does not. Yet there are repeated statements of the importance of disaster prevention, mitigation and preparedness (especially after a disaster has occurred). The threefold purpose will be: 1) to raise missing funds for disaster reduction projects; 2) to provide an original, newsworthy means of giving tangible evidence of commitment to disaster reduction; 3) to demonstrate the "value-added" of the IDNDR.

Key Dates Actions/Events:

Status (at), Next Actions and Comments:

Costs (Indicative p.a.). Staff: \$100,000 Travel⁻ \$20,000 Misc: \$5,000: Total. \$125,000 Discuss and press for - individually with the UN organizations concerned - and jointly within the IDNDR Inter-Agency Working Group (see ?) the adoption of institutional IDNDR plans of actions/programmes that reflect respective areas of interest in disaster-reduction.

Funding and Resources Available: Awaited:

Needed:

PROGRAMME ELEMENT SUMMARY.

AREA II.	CONCERTED INTERNATIONAL ACTION FOR DISASTER REDUCTION.
Programme B.	Support and/or Interaction with IDNDR Entities, International Actors and Sectors Concerned.
Programme Ele	ement Number and Title: B?. Support to and Interaction with the Special High Level
Council in Car	rrying out its Commitments made in its 12 Point Plan of Action, and in Preparing
for and Condu	acting Periodic Meetings.
Responsible Se	ecretariat Staff:
Summary: (Des	scription Justification and Purpose, Targets, Products, Beneficiaries, Participants etc.)
Key Dates Acti	ons/Events:
Status (at)	, Next Actions and Comments
Costs (Indicati	ve p.a.):
Funding and Ri	esources Available:
	Awaited:
	Needed:

PROGRAMME ELEMENT SUMMARY.

AREA 2. CONCERTED INTERNATIONAL ACTION

Programme B. Support and/or Interaction with IDNDR Entities, International Actors and Sectors Concerned.

Programme Element Number and Title Agenda and Understandings for Concerted International Action.

Responsible	Secretariat Staff:
Summary: (i	Description Justification and Purpose, Targets, Products, Participants etc:)
Key Dates A	actions/Events
Status (at), Next Actions and Comments:
Costs (Indic	cative p.a.):
Funding and	Resources Available: Awaited: Needed:
AREA 3	DISASTER REDUCTION AWARENESS AND INFORMATION.



APPENDIX 1 TO SECTION 3 GANT CHART OF SECRETARIAT'S ACTION PLAN.

				1651		1992		L		1945			1994				1945	
Tauk Name	Responsib	Start	밀	3	ō	70	63	3	-	: L	ŏ	10	H	63 64	10	3	3	:3 [
ADELI COMERENCE		23/05/94	! !													<u> </u>	ļ 	<u> </u>
TENERAL MOSTABLE		15/11/93	15/11/93						_					_				
1040P Discussion 11em		15/11/93																
PRIJOR IDNDR PEETINGS		25/01/94	1												_			
Beriin Meeting		25/01/94				•												
NAMEA 1 DISASTER REDUCTION CONCEPTS, PRO		02/01/92	13/02/92			· · · · •										<u>.</u>		
Cetine Basic Forsat	CAB. UNDP	02/01/92	Ļ				_							_	_	_		
APEA 2 CONCERTED INTERNATIONAL ACTION FOR		26/10/20		_	ı													
Special High Level Council (SHLC)		15,01/91	ļ		_							_		_	_	•••		
NLC Meeting		15/01/94	1 1															
		02/01/92	13/02/92		i													
٠٦٠		05/01/65	16/12 94		I	1	$\left\{ \right.$	1							j			
51C 1,1 Materialist Metation	S.	02/01/37	26/00/93					_						_				
ST: 2nd Memetrship Rotation	OE	\$6/10/10	16/15/94				_	_			,				_			
Alugeint for Cincerted International Act	-	52/01/42	13:02:192		 		_		_					_	_			
ALLA LIDISASIES REDUCTIVE MARKENESS AND		5270179	28/01/94				-					I.			_	_	-	
TEMER Day-1991	Secretaria	4	_ [⊴			_		_		
STOP DISASTERS		-1	-1			-		-				L						
	SM, AM, GC	26/10/20			Ī									-				
FY	SH, AH, SC	- 1	l				•				l		_					
	34.85 13.84	1				_		.m. =			[_					
	13M, AM, GC, 0	- {				-	_						_		-	_		
NELA 4 LUNDR SECRETARIAT PERFORMACE AND		02/01/92			ı		_	-						-				
Up grade Informatica		51/09/93	_		_			_	_	-] .		_					_
		02/01/92	20/20/61									:						_
Folicy, Flanning, Organization Monitorin		02/01/92						H										-
HANDAUM RETAINED AND SELECTION OF THE SECOND		01/01/97	24/17/32						-	L								
201707107		30 05	-						_					_ -			-	
TO SO TO SEE SEE SEE SEE SEE SEE SEE SEE SEE SE		16/11/91	11/12/95							} -								_
													·					
													_					
							-	_										
											_		_		_			
											_						_	
		İ									_							
																		_
		1			_				_								_	
							_	_									_	
										.,								
	-			_												_		
					-													
						_	_			_	_	_						
				_											•	_		
						_			_	_								
										_								
						_												
																	_	
				_		-			m									_
						_		1		-					1	$\left \right $		

APPENDIX 3 TO SECTION 3 MATRIX OF IDNDR SECRETARIAT STRATEGY AND ACTION PLAN.

IDNDR SECRETARIAT STRATEGY AND PLAN OF ACTION - NATRIX

PROGRAMME AREAS

- A. DISASTER REDUCTION ASSESSMENT, ENCHANCEMENT AND CAPACITY BUILDING
- B. SUPPORT AND/OR INTERACTION WITH IDMDR ENTITIES, INTERNATIONAL ACTORS AND SECTORS CONCERNED
- CI. FULD KAISING AND RESOUNCE MOBILISATION (FOR DISASTER REDUCTION)
- HIMINA/DISASTER REDUCTION AWARENESS RAISING, AND PUBLIC/ MEDIA INFORMATION <u>.</u>
- HANDR/DISASTER REDUCTION INFORMATION/DATA RESOURCES AND NETWORKING . تد
- POLICY/PLABNING, ORGANISATION, MONITORING AND REPORTING . ئنڌ
- ADMINISTRATION, FINANCIAL MANAGEMENT, TECHNICAL SUPPORT Ξ.
- FULL RAISING AND RESOURCE MOBILISATION (FOR SECRETARIAT) C2.

Tur. 1 Up. ced on: 2.9.93

STRATE	GY SECTOR I. DISASTER	STRATEGY SECTOR I. DISASTER REDUCTION DEVELOPMENT		
PRUGRANNE AREA A: DIS	ASTER REDUCTION ASSESS: Ensure adequate contocontocontocontocontocontocontocont	DISASTER REDUCTION ASSESSNENT, ENCHANCENENT AND CAPACITY BUILDING: Ensure adequate conceptual, organizational and management capacity to carry out secretariat function	APACITY BU	UlbDING ement capacity
ACTIVITIES PROGRAMME ELEMENTS	PURPOSE/TARGETS	IMPLEMENTATION	SR	STATUS/COMMENTS
Al SECRETARIAT/DMB INTEGRATION				
A2 IDNDR REGIONAL CAPACITIES 2.1 Latin America and Caribbean 2.2 Africa 2.3 Europe and NIS 2.4 Arab states		Swedish-funded 198DR tep, in Costa Rica since 0t/92	A COPP.	A.2.1. Fully operational, 26 countries visited. First report filed. Request made for JPPO
2.5 Asia and Pacific				

(Aug 93) to all.
STC membership will be kept at 24. Kota-tion of 1/3 of membership will take place every second year.
To achieve a broader and more balanced representation and perspective on IDNDR programmes and activities. Also, to increase representation of women
A3. SCIENTIFIC AND TECHNICAL COMMITTEE (STC) 3.1 Expansion of nembership to other disaster reduction disciplines

145 2.9.93 Upc ed on: 2.9.93

	STRATE	STRATEGY SECTOR 11. CONCE	CONCERTED INTERNATIONAL ACTION	Ιō	
	PROGRAMME AREA B: SUPPORT	NID/OR THTERACTION SECTORS	PPORT AND/OR INTERACTION WITH INHIP ENTITIES, INTERNATIONAL ACTORS SECTORS CONCERNED	ITERNATI	DHAL ACTORS AILD
		and the property of the proper	NOTE A BUILDING TO A	69	
ACTIV	ACTIVITIES PROGRAMME ELEMENTS	PURPOSE/TARGETS	IMPLEMENTATION	ž	STATUS/COMMENTS
B1	SPECIAL HIGH LEVEL COUNCIL (SHLC)			LVE	
B2	SCIENTIFIC AND TECHNICAL COMMITTEE (STC)			LVE	
В3	IDHDR NATION COMMITTEES AND FOCAL POINTS			ΜX	
B4	UN SYSTEM				
85	INTER-GOVERNMENTAL ORGANISATIONS				
B 6	HOH-GOVERHMENTAL ORGANISATIONS				
ВЛ	PRIVATE SECTOR				
8.8	ACADEMIC AND RESEARCH				

10 Up , ed on: 2.9.93

I. ACTION	REDUCTION	STATUS/COMMENTS		
NO	SASTER	SR		
STRATEGY SECTOR II. CONCERTED INTERNATIONAL ACTION	FUND RAISING AND RESOURCE NOBILISATION (FOR DISASTER REDUCTION)	PURPOSE/TARGETS IMPLEMENTATION		
STRATE	PROGRAMME AREA C1 FUR	ACTIVITIES PROGRAMME ELEMENTS	C3 STC DEMONSTRATION PROJECTS	5.4

1a. Up. ted on: 2.9.93

STRATEGY	SECTOR 111. AWARENES	STRATEGY SECTOR III. AWARENESS RAISING AND INFORMATION	₹	
PROGRAME ARE	A D: IUNDR/DISASTER R PUBLIC/NEDIA IN	PROGRAMME AREA D: IUNDR/DISASTER REDUCTION ANARENESS RAISTNG, AND PURPOSE :	IIIG, AND	
ACTIVITIES PROGRAMME ELEMENTS	PURPOSE/TARGETS	IMPLEMENTATION	LSR	STATUS/COMMENTS
D2 STOP DISASTERS				
D2.1 Reader Survey				

Authers acht (Aug 93) to all.		 	
			:
	 		
IDNDR/Disaster Reduction Marketing and Promotion Stiategy			-
D3.1			

Lat. 5 Up. ed on: 2.9.93

STRATEG	STRATEGY SECTOR III. ANAREHESS	RAISING AND IN	ORNATION	
PROGRAME AREA E: 10MD PURPOSE :	R/DISASTER REDUCTION	IDRIDE/DISASTER REDUCTION THROPMATION/DATA RESOURCES AND HETWORRING	ES MID	HETWORKI HG
ACTIVITIES PROGRAME ELEMENTS	PURPOSE/TARGETS	IMPLEMENTATION	LSR	STATUS/COMMENTS
El ELECTRONIC SERVICES				
E1.1 UN, ENET	- Establish maximum electronic listings between IDNDR actors - Make complehensive up-do-date information available on UN, ENEI			

1.141. 6 Opda .1 011: 2.9.93

		_	·			
>	PORTIRG	STATUS/COMMENTS				
CAPACITY	AND REI	LSR		,		
IDHDR SECRETARIAT PERFORMANCE AND	POLICY/PLANTING, ORGANISATION, MONITORING AND NEPORTING	PURPOSE/TARGETS IMPLEMENTATION				
STRATEGY SECTOR IV.		_	STAFF	ш		
STRA	PROGRAMME AREA F.	ACTIVITIES PROGRAMME ELEMENTS	IDNDR SECRETARIAT STA	FOR WORLD CONFERENCE	FOR PROGRAMMES AND PROJECTS	
		ACT	Œ	F2	E	

STRATEGY SECTOR IV.		IDNDR SECRETARIAT PERFORMANCE AND CAPACITY	CAPACITY	
PROGRAMME AREA G: ADMI PURPOSE :	mistration, Fina	ABMINISTRATION, FINANCIAL NANAGEMENT, TRUBLICAL SUPPORT	HICAL S	ANOAR
ACTIVITIES PROGRAMME ELEMENTS PURPO:	PURPOSE/TARGETS	IMPLEMENTATION	LSR	STATUS/COMMENTS
G3 COMPUTER CAPACITY				
G3,1 Hardware, software				
G3,2 E-Mail				- ve - ore yet object and object of the control of
G3.3 Training				

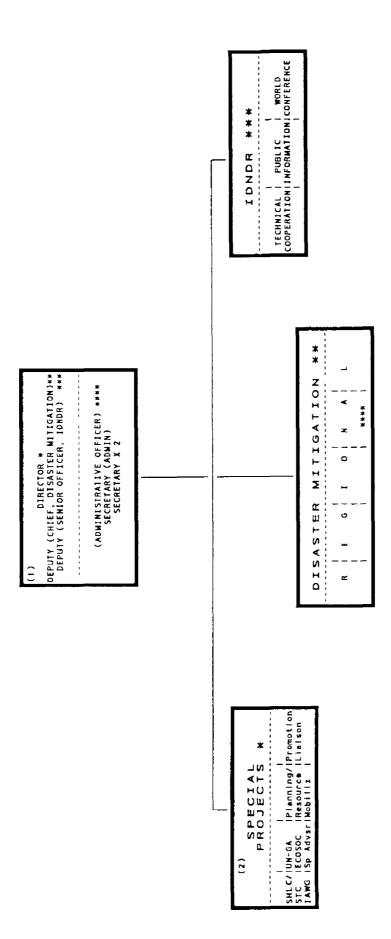
DRAFT OF: 28 September 1993

APPENDIX 1 TO PART II: PROGRAMME ELEMENT SUMMARIES.

DRAFT OF: 2 October 1993

APPENDIX 2 TO SECTION 3 ORGANIGRAMME SHOWING INTEGRATION OF IDNDR SECRETARIAT AND DM BRANCH.

DHA DISASTER REDUCTION & MITIGATION



(1) Director's Office includes Heads of Units as Indicated by *s and, tentatively, administrative duties for some staff members.

⁽²⁾ Special Programmes may include duties given to staff members of DM and IDNDR, consultants, etc..

DRAFT OF: 2 October 1993

APPENDIX 3 TO SECTION 3 IDNDR SECRETARIAT: STATEMENT OF MISSION AND TASKS.

Function.

- Within the United Nations System, to play a catalytic and facilitating role in promoting the Decade' objectives.
- To be an international centre for the exchange of information on Decade Activities.
- To be a co-ordination facility for international IDNDR activities.
- To influence the scope and content of IDNDR activities.

Approach.

(Proactive, substantive and service-oriented.)

Staffing.

Funding.

Tasks.

Fund Raising and Resource Mobilization.

- For its own staff, administrative, and programme costs.
- For

Financial Management.

- Administration of the IDNDR Trust Fund.
- Institutional context (DHA).

Secretariat Interaction with and Support to Associated Bodies.

- = National IDNDR Committees.
- The High Level Council.
- The Scientific and Technical Committee.
- The United Nations Steering Committee (?)
- The United Nations Inter-Agency Working Group.

Advisory.

- To the USG/DHA on the progress of the Decade in general, and on the related programmes and activities of the UN System in particular. This is done by
- To the USG/DHA, and when appropriate, through the USG/DHA to the Secretary-General, on

DRAFT OF: 2 October 1993

appointments to the Special High Level Council, and to the Scientific and Technical Committee.

Reporting on the IDNDR.

- To the Secretary General for ECOSOC and the General Assembly. This is done every two years. The IDNDR Secretariat drafts a report on This is reviewed by ... and is presented by .. on behalf of the Secretary General and ...

Representation and Participation.

- At UN overseeing bodies: ECOSOC
- At international IDNDR meetings

Public Information and Awareness-Raising.

- (IDNDR information strategy)
- IDNDR Day
- "STOP Disasters".

Information Exchange, Referral and Storage.

(Projects)

-

DRAFT OF: 24 September 1993

ANNEX MATRIX SHOWING SECTORS AND DISCIPLINES COVERED BY NATIONAL COMMITTEES.

			SURVEY OF I	NIDE SCIENTIFIC AND	SURVEY OF IMMOR SCIENTIFIC AND TECHNICAL CON. STREE	(TTES	
	\$4	۵	GOVERNINENT	NON-GOVERNMENTAL	ACADENIC/RESEAPCH	PHIVATE SECTOR	HEDIA
Mrs Amoaho-Mensah (Ghana)		Αf			Industiy		
Dr Arya (India)		SA			Earthquake- Engineering		
Prof Barbani (Italy)	ம				Volcanology		
Cr Benblidia (Algeria)		AS	Land-use				
Er Ben Sori (Herecco)		AS	Scientific Research				
Mr Brown (Jamaica)		၁	DECEASED				
Mr Bruce (Canada)	NA		Meteorology				
Eng Cardanedo (Panama)		ΓA	Hydrometeorology				
Prof Cordani (Brazil)		1			Geology		
Cr Giescchi (Peru)		I.A			Seismology		
Prof Izrael (Fed. of Russia	ы				Hydrometeolology		
Dr Karlil. (Czech)	ப				Geophysicist		
Ms Kassaje (Ethiopis)				FES1GNED			
Dr Kcha (Einland)	ы	_			Technical Research		
Dr Kincsita (Japan)	EA		Earth Science				
Dr Kintarw (Philippines)		SEA	Meteorology				
Prof Lectat (Belgium)	ப				Public Health		

			SURVEY OF I	PHDR SCIENTIFIC AND	SURVEY OF IDNOR SCIENTIFIC AND TECHNICAL COMMITTEE		
		۵	GOVERNMENT	وي ا	ACADEMIC/RESEARCH	PRIVATE SECTOR	HEDIA
Dr Mansure (Fiaboe)	ស		Geological Research				
Prof Odhiambo (Kenya)		Aſ			Insect Research		
Dr Pec! (USA)	NA	:	Geology				
Prof Plate (Germary)	FC				Cıvil Engineerıng		
Eng Marrero (Venezuela)		LA				Engineering	
Ms Ruz de Elvira	ы						Foreign Affairs
Dr Xie		EA	Engineering				
	<u>.</u>						