



ADRC Highlights Vol.41

Asian Disaster Reduction Center Biweekly News

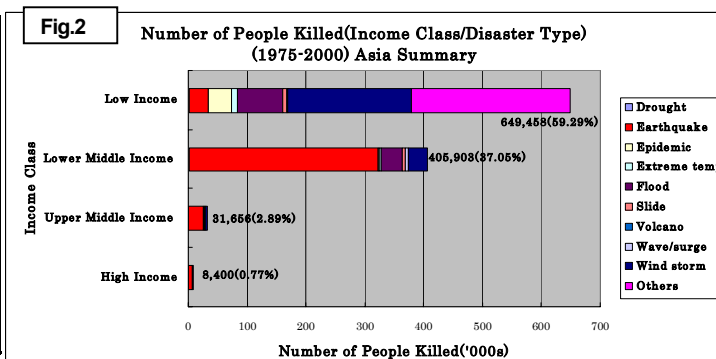
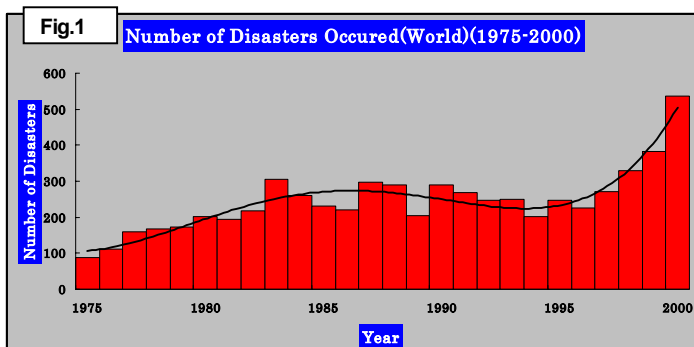
February 18, 2002

➤ ADRC Analysis Report - Impact of Natural Disaster and Sustainable Development -

Continued population growth and urbanization, combined with environmental changes such as deforestation and desertification, have magnified the damage caused by natural disasters (Fig.1). Damage of natural disaster sometimes exceeds annual GDP (Table.1). Natural disaster is strongly related to poverty (Fig. 2). And also related to Human Development Level which consists of Life expectancy, Adult Literacy rate, combined gross enrolment ratio and GDP per capital.

Rank	Country	Disaster Type	Year	GDP (BnUS\$)	Killed	Injured	Affected	Damage US\$('000s)	Damage/GDP
1	Mongolia	Forest Wild Fire	1996	1.18	25	61	5,000	1,712,800	1.452
2	Armenia	Earthquake	1988	16.90	25,000	12,000	1,100,000	20,500,000	1.213
3	Tajikistan	Flood	1992	0.29	1,346		63,500	300,000	1.034
4	Mongolia	Winter Wind Storm	2000	1.00	4		500,000	875,000	0.875
5	Nepal	Flood	1987	2.93	188		351,000	727,500	0.248
6	Lao P.D.R	Wind Storm	1993	1.33	8	120		302,151	0.227
7	Tajikistan	Flood	1993	0.68	5		15,000	149,000	0.219
8	Myanmar	Flood	1991	2.38	23		359,976	498,800	0.210
9	Nepal	Earthquake	1980	1.84	100	5,600	240,000	245,000	0.133
10	Tajikistan	Landslide	1992	0.29	243			241,000	0.083

Table1: Top 10 severest disasters according to the ratio of amount of damage to GDP (Member countries summary 1975-2000)



As we can see in these figures, natural disaster is one of the important key factors for sustainable development. Asian Disaster Reduction Center is cooperating with member countries, UN agencies to mitigate and reduce natural disaster in Asia. (Fumiaki Yoshimura, Senior Researcher)

➤ We are ADRC Member Countries!! No.2 NSSP RA, Armenia

The state management body - National Survey for Seismic Protection under the Government of the Republic of Armenia (NSSP RA) is the institution which was founded by the directive of the Government of the Republic of Armenia on 17 July 1991 and was given special governmental status. The president of NSSP RA is directly subordinated to the Prime Minister of the Republic of Armenia. The main goal of the NSSP RA is seismic risk reduction in Armenia i.e. the population residence hazard mitigation, as well as the state economic and social loss reduction results from earthquake.

NSSP RA for ten years has significant achievements in the field of seismic risk reduction, such as Seismic Hazard Assessment, Current Seismic Hazard Assessment, Seismic Risk Assessment, New Methods for Reinforcement of Buildings and Structures.

NSSP RA for 10 years gained unique experience in seismic protection. NSSP RA achievements and contribution in this multi-disciplinary field were recognized by UN-SASAKAWA CERTIFICATE of DISTINCTION DISASTER PREVENTION AWARD in appreciation for its distinguished contribution to disaster prevention, mitigation and

preparedness and furthering the goals of the International Decade for Natural Disaster Reduction', Geneva 14 October 1998.

On February 2001 after the destructive earthquake in Gujarat State the Government of Armenia rushed to India multi-profile well-equipped NSSP RA Task Force Unit consists of seismologists, geologists, communication engineers, psychologist, instructor on work with population, physicians and rescuers which works were highly appreciated by the Government of India and Gujarat State Administration. NSSP RA Task Force Unit enrolled into the staff of international formations acting under the aegis of UN.

(NSSP RA, Armenia)

* [Full Text Version](#) available here.

➤ Recent Natural Disasters in Asia Heavy Rain in Indonesia

Torrential rains caused heavy damage to the Indonesian capital Jakarta since 29 January, with massive floods all around the Greater Jakarta area and the surrounding municipalities, as well as in other places in Indonesia: East Java, Madura, Aceh, Northern Bali, West Kalimantan. According to the media reports, 142 people have died of flood-related incidents. (Feb 15, OCHA Situation Report No. 5 etc.)

If you have comments or needs for this Newsletter, please write to ADRC in the right box.

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