

3 Accumulation and Provision of Information on Natural Disasters and Disaster Reduction

3-5 Human Resources Information

3-5-1 Aim of Human Resources Information

The ADRC believes that the availability of human resources information on disasters in Asia, as well as around the world, is vital for devising disaster prevention measures. Having the appropriate information on which administrative officials and specialists to contact when disasters occur in a certain country should speed up the management process. Moreover, since Asia is the most disaster-prone region in the world, the availability of human resources information centering around Asia should contribute to exchanges on disasters in this region. The availability of such human resources information to the general public will deepen extensive exchanges with other fields.

Unlike other fields, researchers with outstanding knowledge and skills are not the only ones who are considered experts in disaster reduction activities. True disaster reduction measures can be realized only with a close network that allows the smooth exchange of information. The network is established between these researchers, administrative officials who plan policies based on the knowledge and techniques of the researchers, and citizens, who act according to the policies give feedback to the administrative side. The ADRC is thus soliciting human resources information, not from the narrow sense of researchers with outstanding knowledge and techniques, but from the broad sense of human resources that can handle disaster reduction extensively. Specifically, this includes academics, disaster reduction researchers, engineers, personnel in charge of disaster reduction at administrative offices, NGO experts mainly involved in disaster reduction activities, and the personnel in charge at disaster reduction-related international organizations.

The human resource information acquired will be largely open to the public, with the exception of some information. However, if all the information is provided as it has been gathered, it will result in the flow of irrelevant information. The search functions are set up by country and by area of specialty to enable users to gather information according to their needs.

3-5-2 Information Gathered and Provided

As shown in Table 3-5-2-1, we have been able to collect information on 1,391 persons in 58 countries, of which 1,298 persons are from member countries of the ADRC. Every piece of this information is managed in the ADRC database, and provided when requested by a user. Users can request the information by the following two methods.

Acquire a list of all data available

Acquire a list of search results by country, area of research, and name

By selecting the human resource information required from these lists, the user will be able to access all information on that person (excluding items not intended for disclosure).

Table 3-5-2-2 shows the results of a search carried out using the disaster name as the keyword of a search function in the desired area of specialty using the ADRC human resource database.

Table 3-5-2-1 List of Human Resource Information Gathered by Country

Australia	1	A	Mongolia	4	M
Bangladesh	73	M	Morocco	1	
Brazil	5		Nepal	5	M
Bulgaria	1		New Zealand	1	A
Cambodia	1	M	P. R. China	436	M
Cameroon	1		Pakistan	7	
Canada	1		Papua New Guinea	5	M
Egypt	2		Paraguay	1	
England U.K.	7		Philippines	545	M
Ethiopia	4		Russia	3	M
Finland	1		Sierra Leone	2	
Ghana	3		Solomon Islands	1	
Greece	1		Sri Lanka	10	M
India	28	M	St. Kitts	1	
Indonesia	9	M	Tanzania	4	
Iran	2		Thailand	12	M
Israel	1		Tunisia	1	
Italy	1		Turkey	2	
Jamaica	2		U S A	15	
Japan	147	M	Uzbekistan	1	M
Jordan	1		Venezuela	1	
Kenya	1		Vietnam	7	M
Korea	7	M	West Africa	1	
Lao P. D. R.	1	M	Western Samoa	1	
Lebanon	2		Zimbabwe	3	
Lesotho	1		Unknown	9	
Peru	1				
Look Islands	1		Member Countries	1298	
Macedonia	1		Advisory Countries	2	
Madagascar	1				
Malaysia	4	M	TOTAL	1391	

M: Member Country A: Advisory Country

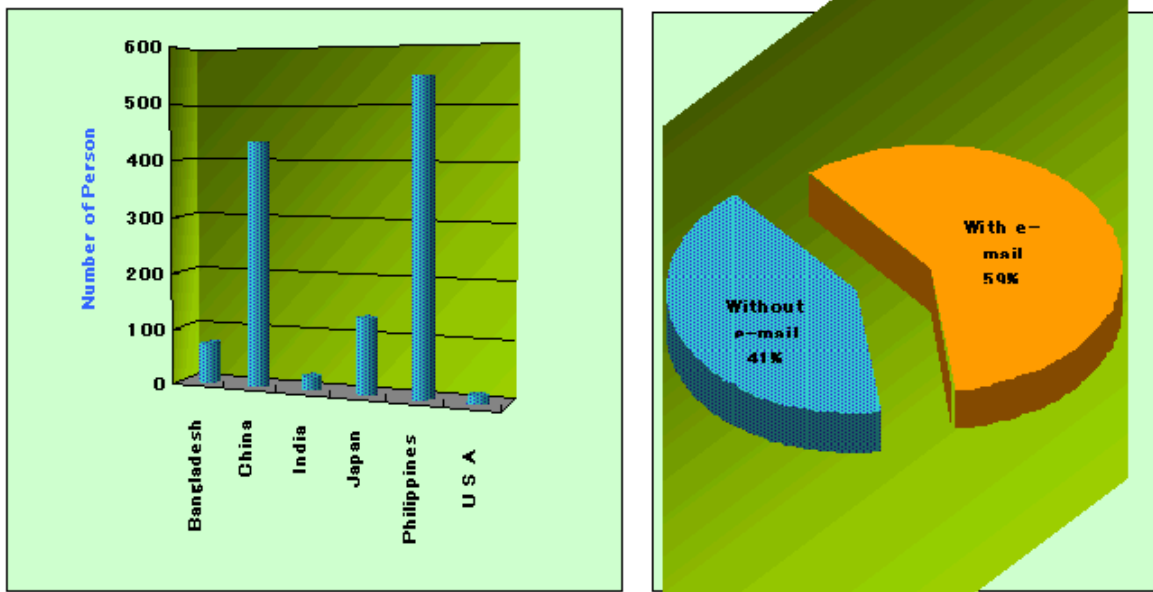
Table 3-5-2-2 Search results by Disaster Name

Disaster	Number
Typhoon	1
Cyclone	17
Hurricane	0
Tsunami	3
Tidal Wave	0
Landslide	1
Flood	66
Drought	20
Earthquake	101
Volcanic Eruption	36
Forest Fire	4

As shown in Fig. 3-5-2-1, the information gathered from the human resource information network differs significantly according to the country and region, not because of a small number of experts in that country or region, but to the limited number of regions surveyed by the ADRC in the first year.

Fig. 3-5-2-1 Top Six Countries with Data on Human Resource (left)

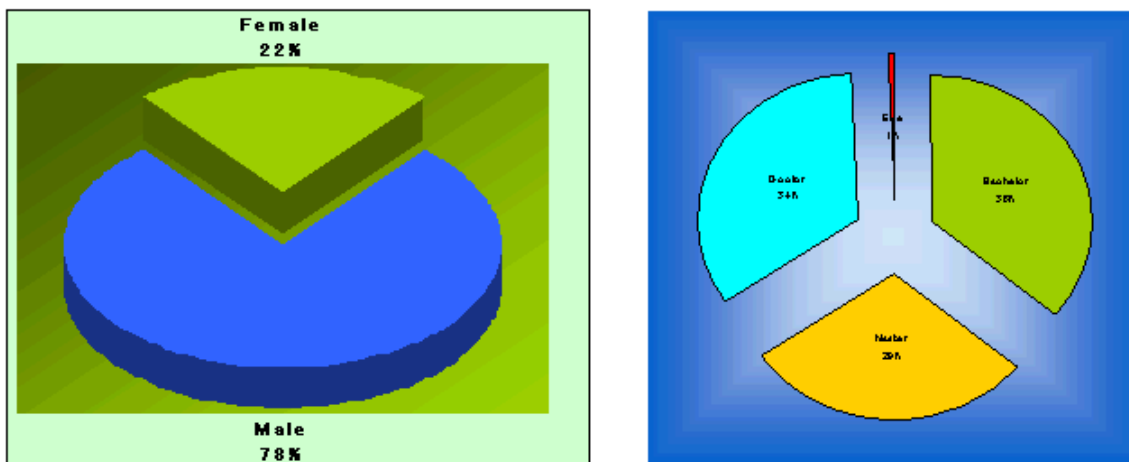
Fig. 3-5-2-2 Percentage of Human Resources with E-Mail (right)



More than 60% of the human resources registered on the human resource network have e-mail addresses (Fig. 3-5-2-2), allowing convenient exchange of information and contact with these persons. As shown in Fig. 3-5-2-3, many of the human resources are women, and more are expected to participate in disaster reduction activities. As Fig. 3-5-2-4 shows, the number of human resources having a doctorate degree, master degree, or bachelor degree is the same at around 30%. However the information collected is not necessarily limited to human resources with higher education.

Fig. 3-5-2-3 Percentage by Gender (left)

Fig. 3-5-2-4 Percentage by Educational Background (right)



3-5-3 Future Developments

The ADRC is aiming to construct a new database, which is called the ADRC Expert Network, or ADRC E-Net. It will differ from the current human resource network in the following aspects:

1) More detailed database information

The information gathered is based on the policies for gathering and providing human resource

Information:	Title , Name , Date of Birth , Gender
Work information	Employee's association/Company name / Address of association/company / Country of association/company / Title / Type of work / Telephone number at workplace / FAX / number at workplace / E-mail address at workplace / Homepage address of association/company
Personal information	Homepage address recommended / Educational degree / Name of educational institute last with / Year of graduation / Language ability / Work experience (in home country) / Work experience (abroad) / Field of research / Papers submitted / Other

All of the above will be disclosed except for date of birth, gender, educational institute last with, year of graduation, papers submitted, other.

2) Database will be more easy to use

We will develop a system which will enable the use of the database from any country in the world.

Fig. 3-5-3-1 shows a sample of the data disclosed on one person entered in the database.

3) More data on members

In fiscal 2000, data will be increased, mostly the addition of information on Indonesia, Viet Nam, Nepal, Sri Lanka, and Bangladesh.

Measures for increasing not only quantity of but also the quality of the data will also be taken into consideration.

4) Installation of database access terminals in each member country

Terminals for accessing the database will be experimentally installed in several member countries to enable prompt access of the latest disaster information in that country. The system administration of the terminals will be entrusted to administrative organizations or private companies.

5) Invigorate activities of member countries

Mailing lists will be compiled to promote exchanges on disaster reduction efforts between member countries, enabling training to be planned, and information and data to be exchanged between them.

Mailing lists can also be used for providing information regularly.

Fig. 3-5-3-1 Examples of Database Lists

Field	Value
Title	Dr.
Fax	+81-78-230-0347
First Name	Yujiro
E-mail	ogawa@adrc.or.jp
Last Name	Ogawa
Research	Urban Disaster Management Urban Planning
Position	Director
Education	Doctor of Engineering
Company	Asian Disaster Reduction Center
Language	Japanese/ fluent English/ fluent
Address	International Health Development Centre Bld, 3rd
Exp National	Urban Disaster Research Institute 1978-1994
Country	Japan
International	United Nations Center for Regional Development 1994-1998
Telephone	+81-78-230-0346

レコード 1 / 1354