

## Chapter 2 Regional Characteristics of Natural Disasters

### 2-1 Regional Proportion of Natural Disasters Occurrence in the World

Asia has been suffering from about 38 % of the major natural disasters of the world. Meanwhile, Asian region accounts for 57 % of killed people by natural disasters (Fig.2-1) and 88 % of the affected people. The number of people killed and affected, and the amount of damage tend to be higher compared to the number of disasters. Therefore Asian region cannot be neglected as one of vulnerable areas to natural disasters.

Fig.2-1

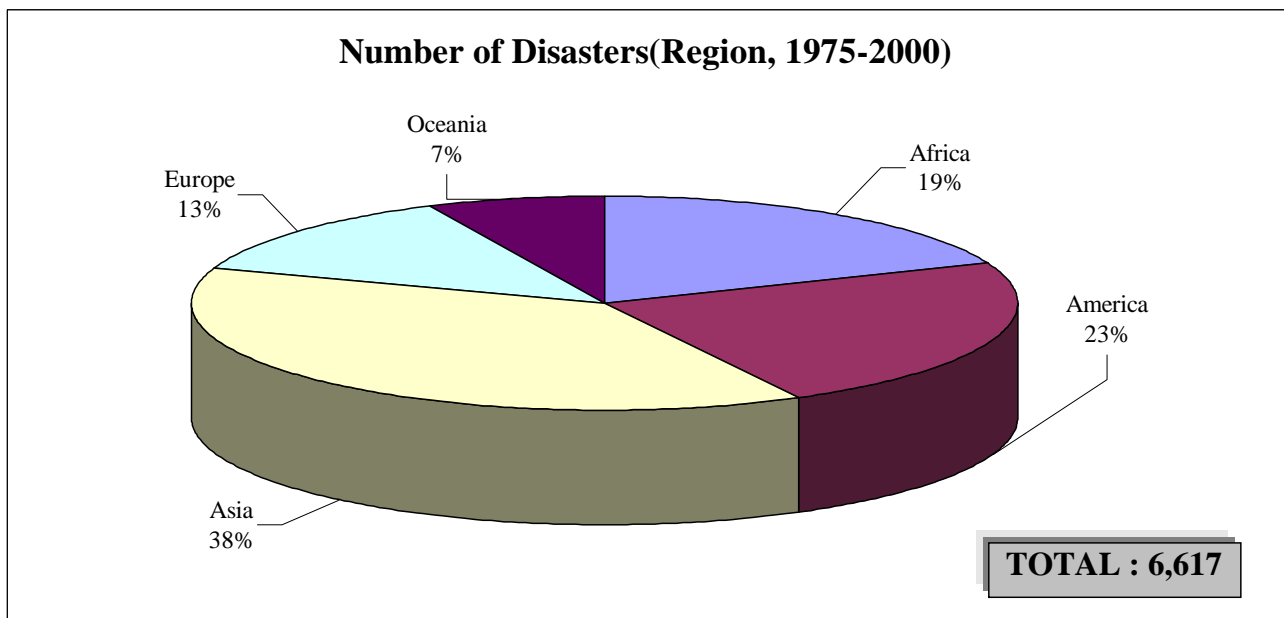


Fig.2-2

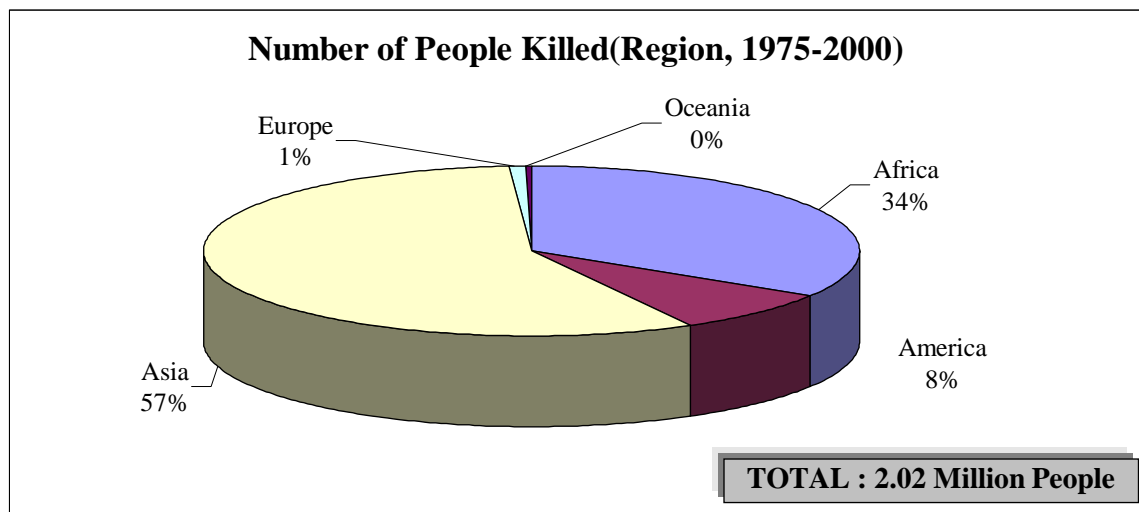


Fig.2-3

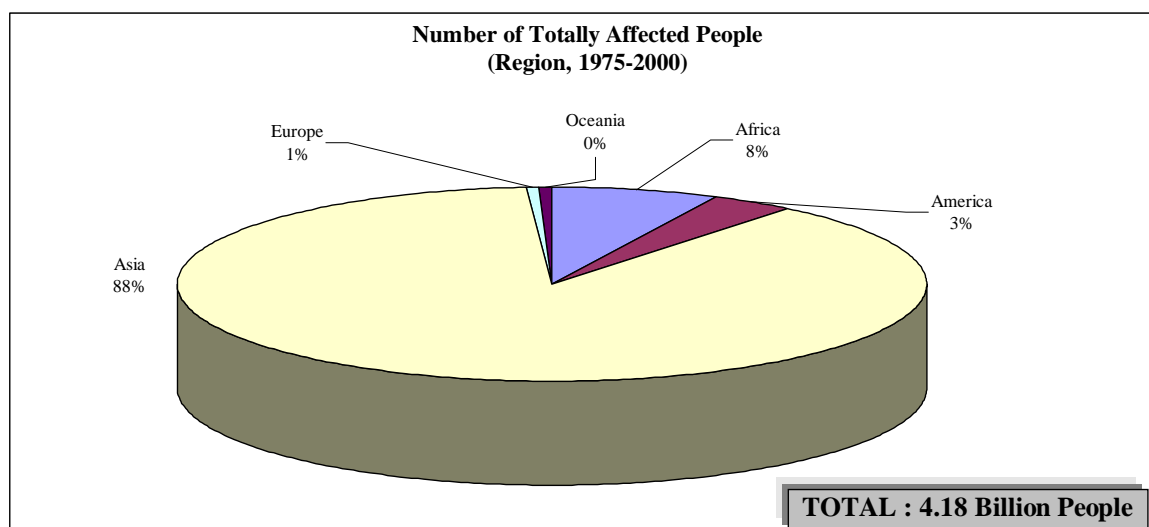
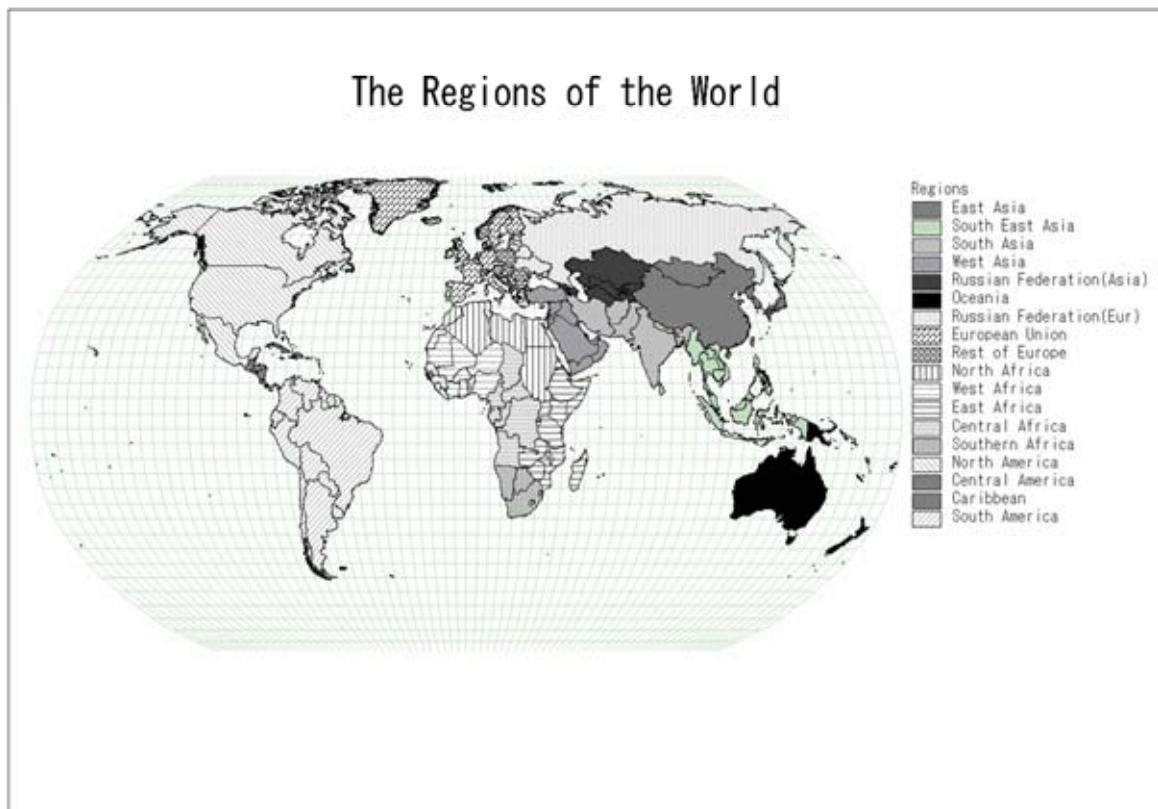
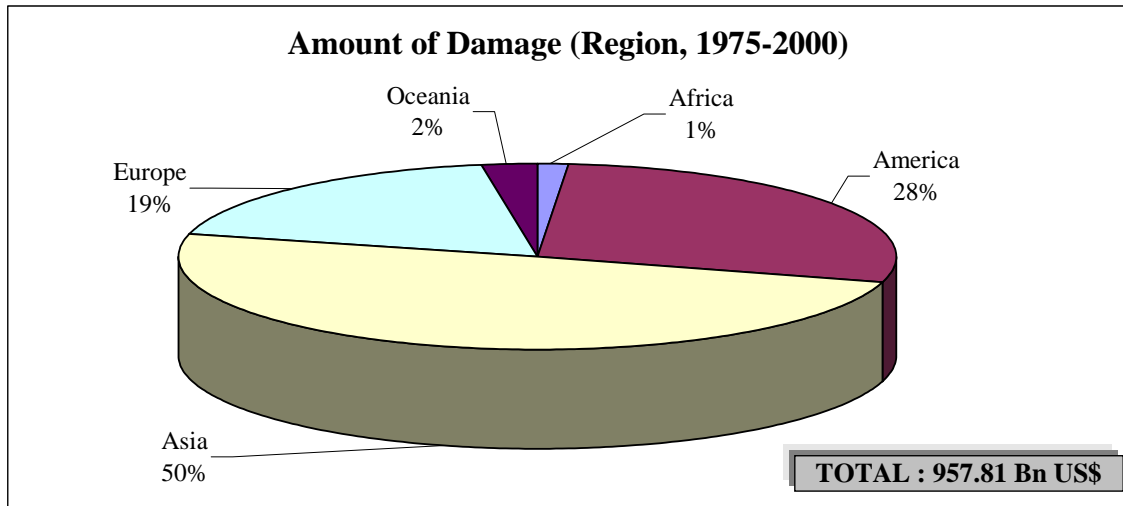


Fig.2-4



## 2-2 Regional Characteristics of Natural Disasters in the World

### 1) Disaster Characteristics in Africa

In Africa, the number of disasters accounts for 29% of epidemic, 26 % of flood and 22 % of drought, and which holds 77 % of the total number of disasters (Fig.2-5).

On the other hand, the number of people killed(Fig.2-6) and affected people(Fig.2-7) are caused 70 ~ 80 % due to drought and it characterizes Africa as a serious drought prone continent.

On top of that, it is also clear that earthquake disasters cause major economic damage to the continent as seen in the Fig.2-8.

Fig.2-5

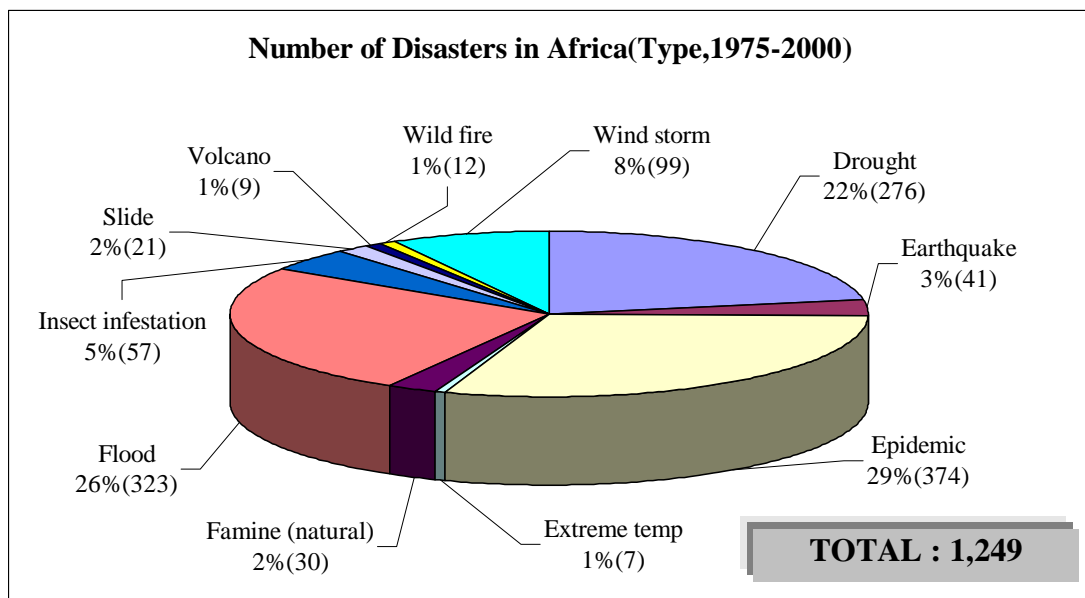


Fig.2-6

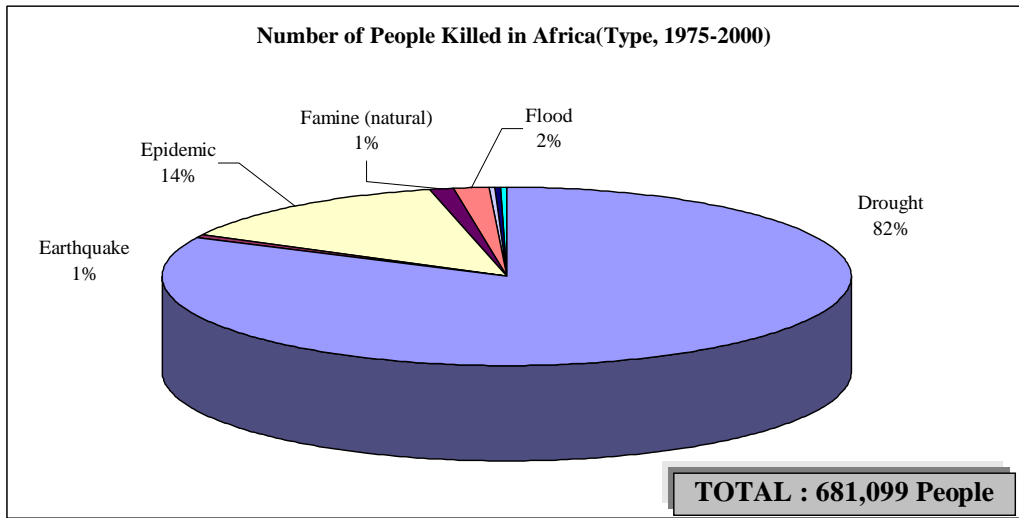


Fig.2-7

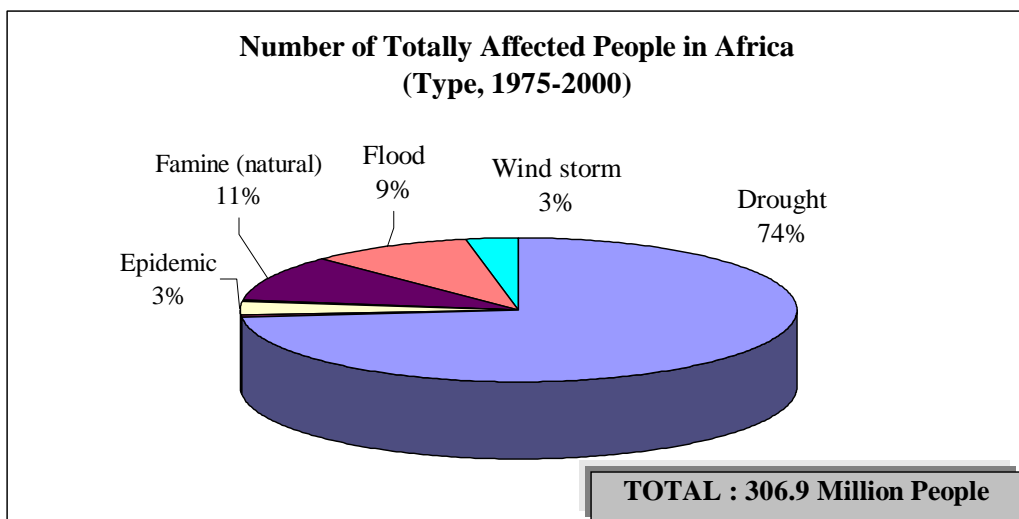
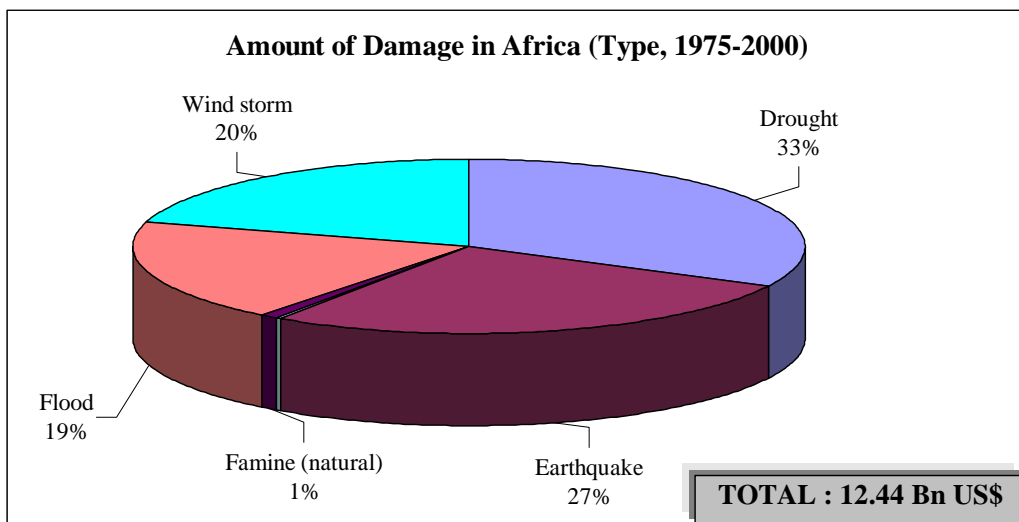


Fig.2-8



## 2) Disaster Characteristics in America

In North and South America, wind and flood disasters share 65 % of the total number of natural disasters (Fig2-9). When we consider the number sufferings, the most number people killed is caused by floods (27 %), earthquakes (26 %) and windstorms (19 %) and the most number of affected people is by floods (36 %).

Additionally, it stands out that windstorms cause about the half of the economic damage (48 %).

Fig.2-9

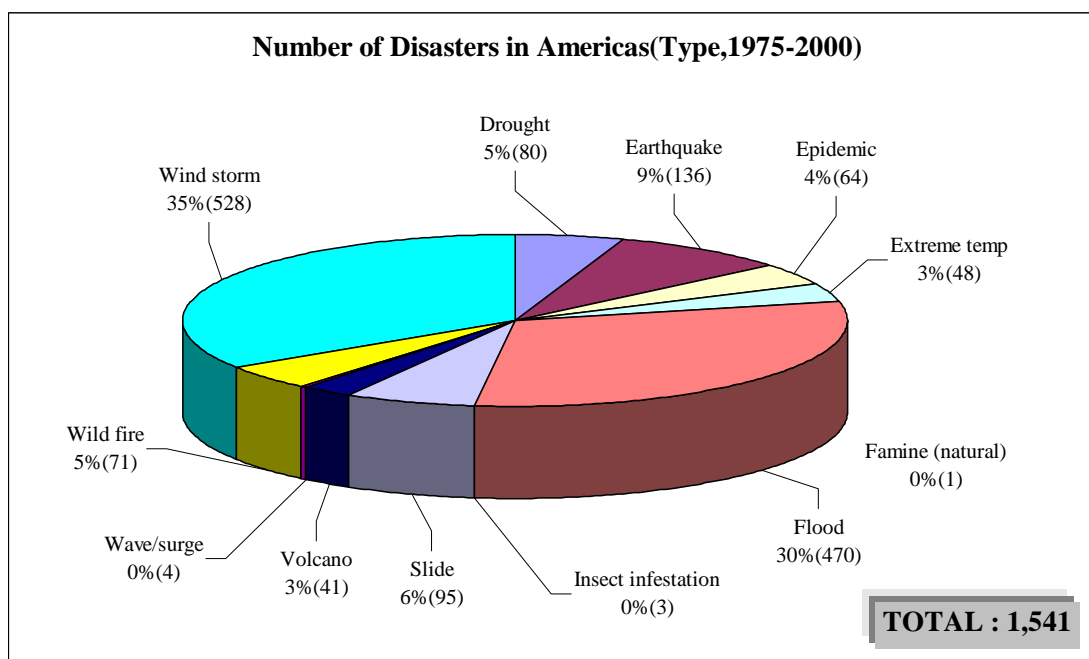


Fig.2-10

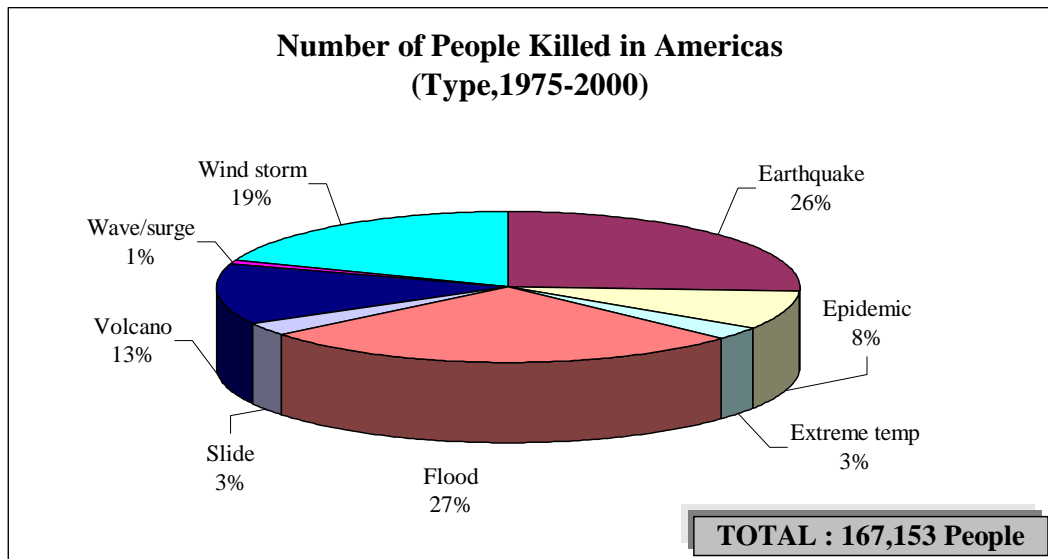


Fig.2-11

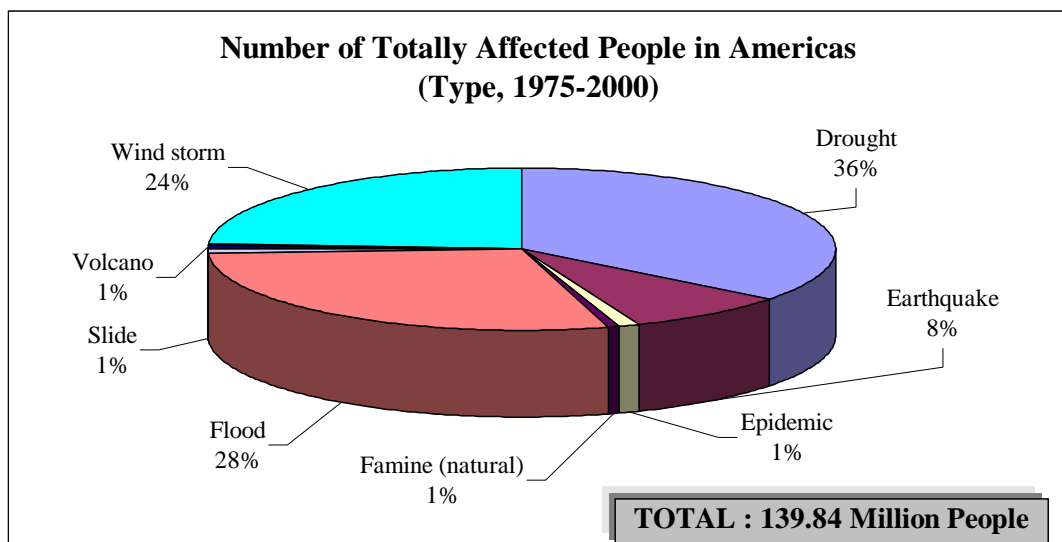


Fig.2-12

