



# OHAYOGOZAIMASU WELCOME SUPROVATH

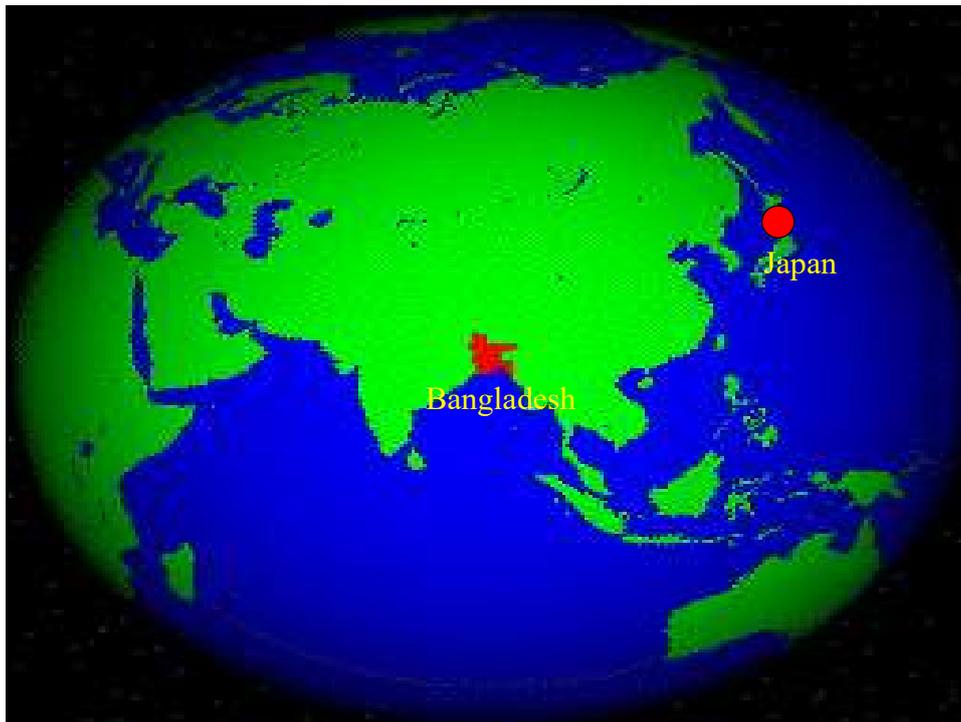
*This presentation is Prepared By*

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## OUTLINE OF THE PRESENTATION

- 1. DISASTER INFORMATION OF BANGLADESH
- 2. DISASTER CONDITIONS AND SITUATION
- 3. DISASTER COUNTERMEASURES
- 4. SPECIFIC TOPICS THAT MY COUNTRY IS  
WORKING NOW
- 5. WHAT I HAVE LEARNED FROM ADRC
- 6. WHAT IS MY ACTION PLAN
- 7. CONCLUSION
- 8. ACKNOWLEDGEMENT



## Natural Disasters in Bangladesh

### ●1. Meteorological Hazards

- A. Flood
- B. Cyclone
- C. Tornado
- D. Drought

### ●2. Hydrological Hazards

- A. Tidal wave
- B. Landslides
- C. River Bank Erosion

### ●3. Geographical Hazards

- A. Earthquake (Shake)

## Man Made Disasters in Bangladesh

- A. Fire
- B. Agriculture Infestation
- C. Oil and Chemical spill
- D. Marine and Sea Accidents

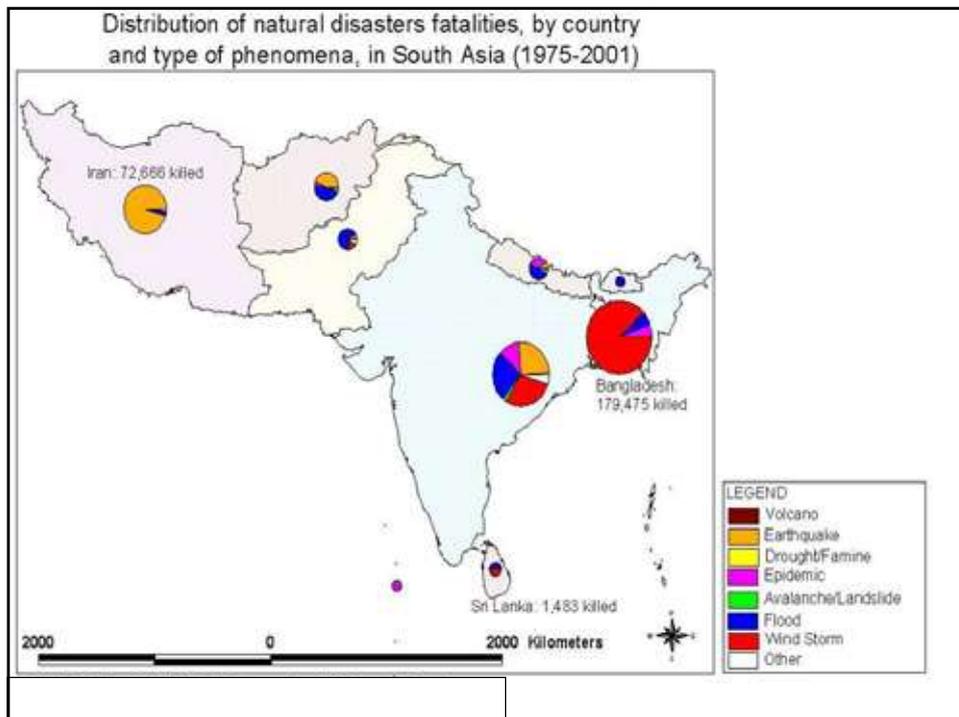
- E. Aviation Accident
- F. Industrial and Technological
- G. Civil unrest.

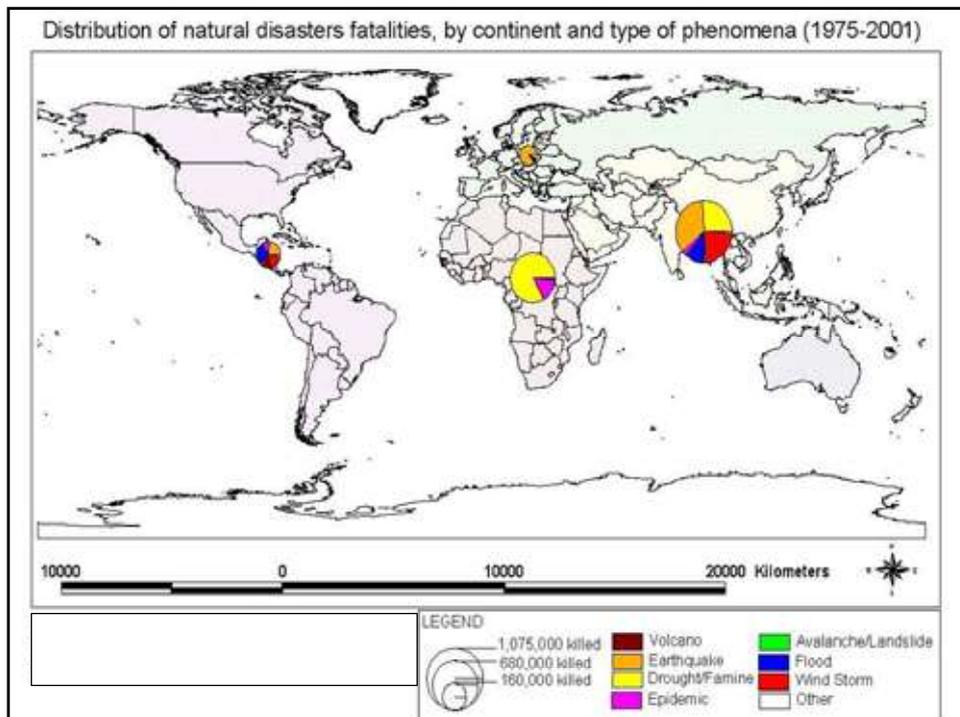
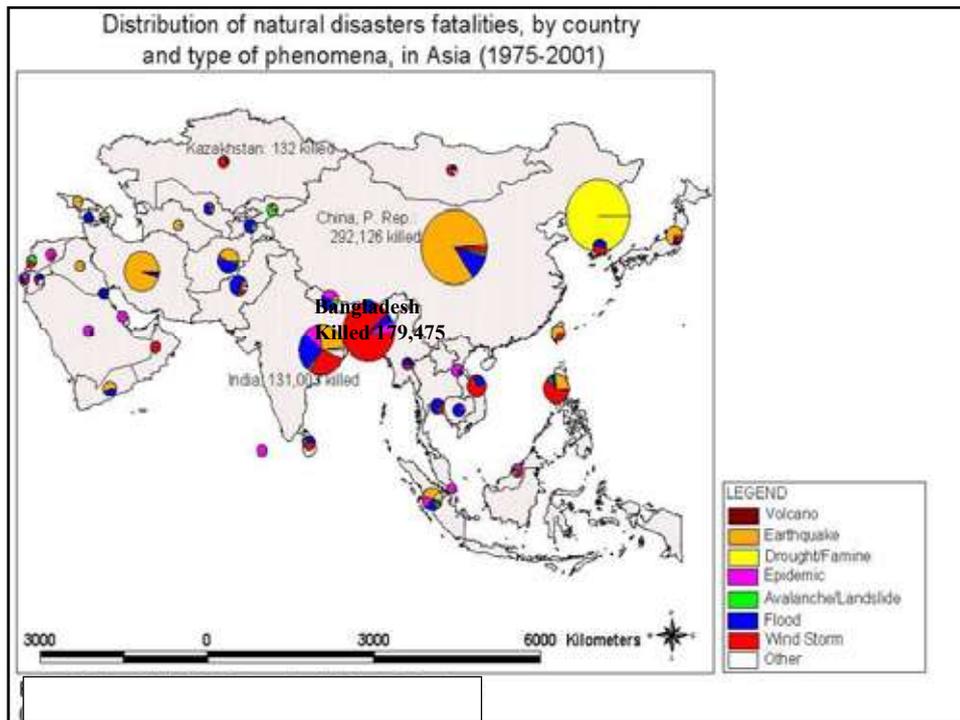
## Major Natural Disaster in Bangladesh

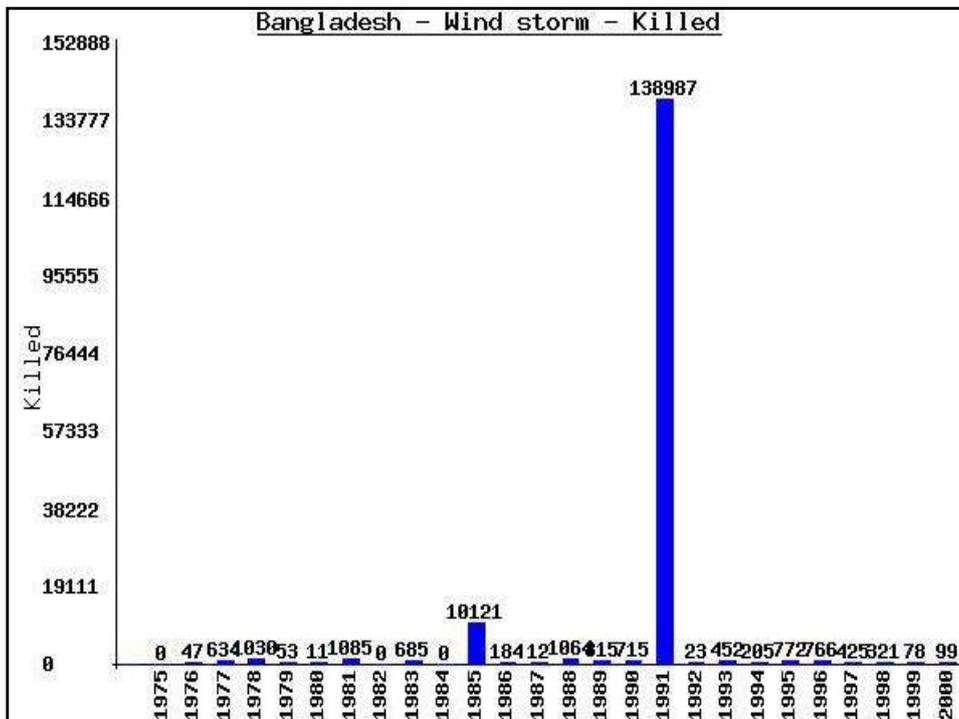
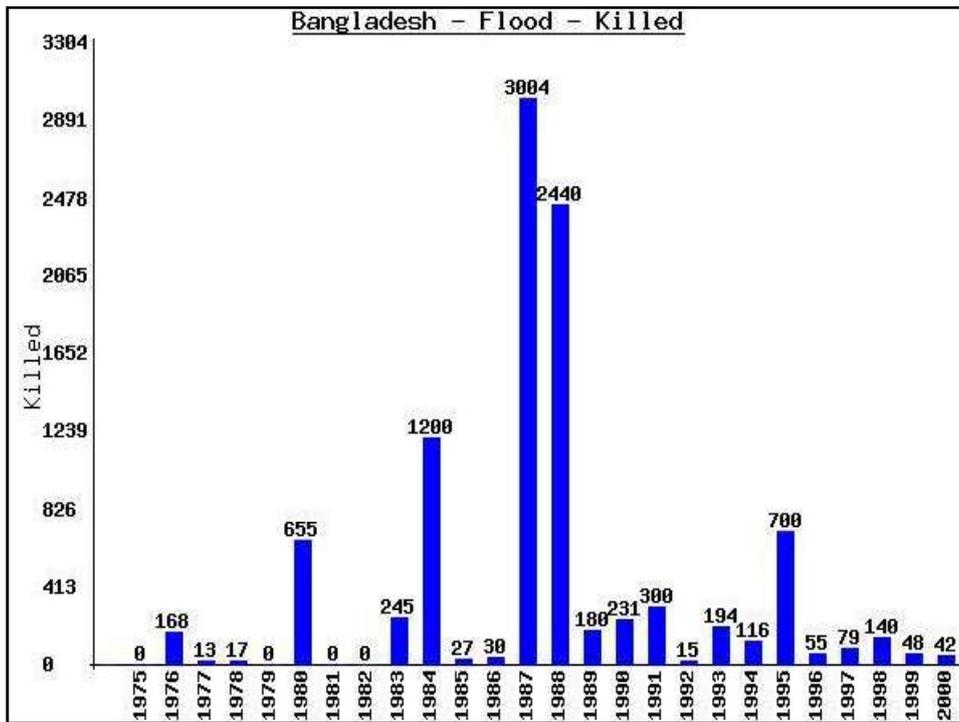
Year	Type of Disaster	Death
1876	Cyclone	100,000
1898	Cyclone	1,75,000
1943-44	Drought, Irregular rain, Transport dislocation & War, Including West Bengal	3,00,000
1960	Cyclone (2)	11,149
1961	Cyclone	11,468
1963	Cyclone	11,520
1965	Cyclone	19,270
1966	Cyclone (2)	850

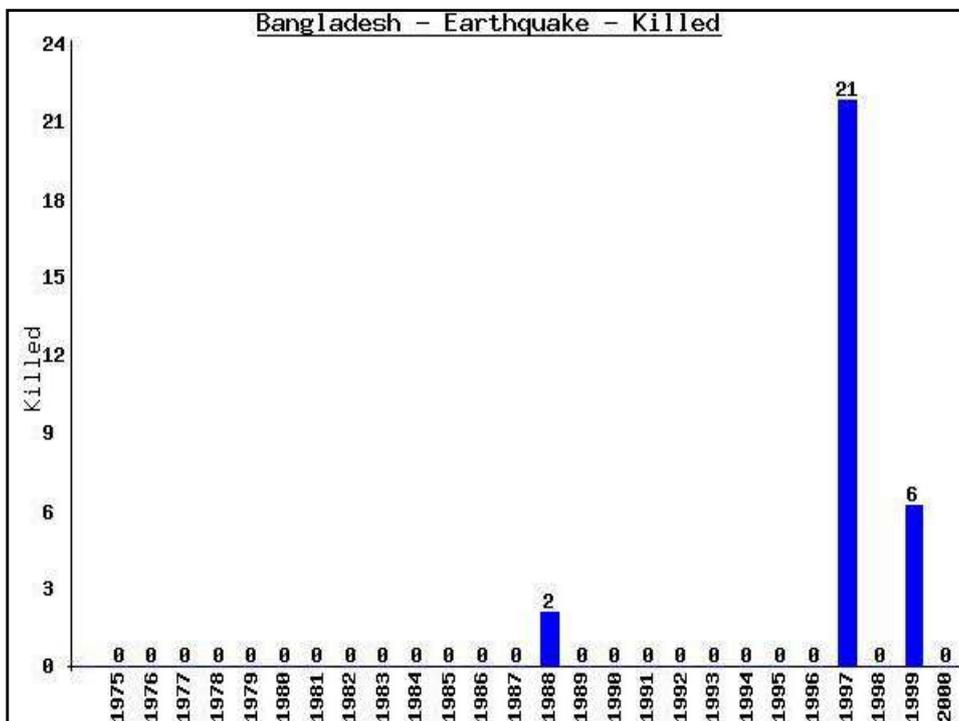
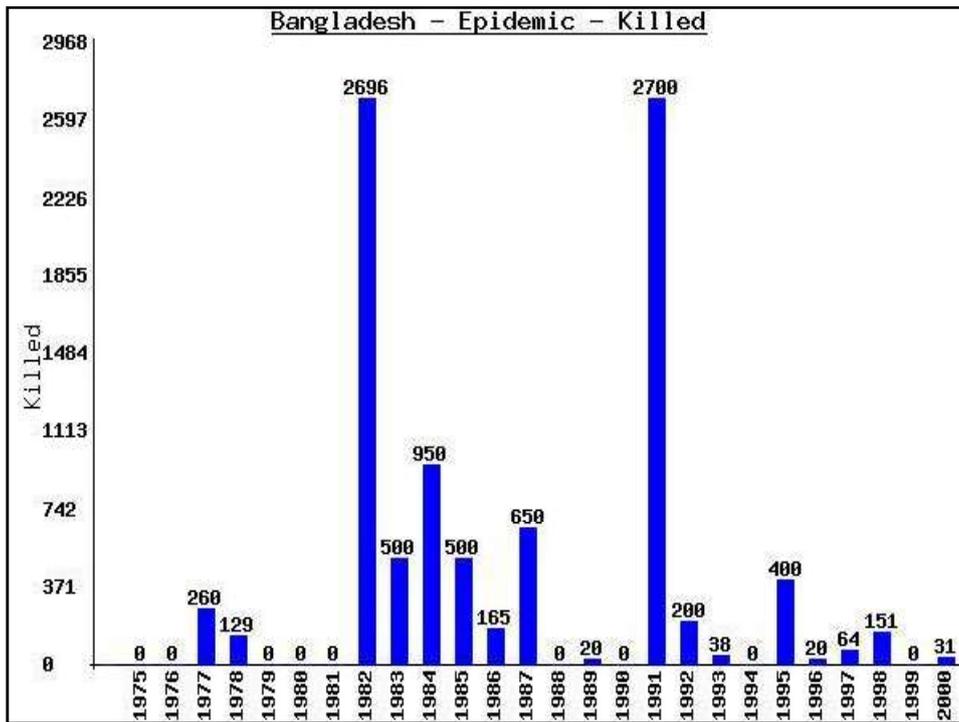
1969	Tornado	922
1970	Cyclone	3,00,000
1974	Floods followed by famine	30,000
1985	Cyclone	11,069
1987	Floods	1,657
1988	Floods	2,379
1988	Cyclone	5,708
1991	Cyclone	1,38,868
1998	Flood	918

Source : BBS, 1990; Gp. Capt. Syed Ahmed 1986; CDL, 1992; a; Kafiluddin, 1991; ADB 1991a; Mahalanobis, 1927, CR of MDMR









## SPECIFIC TOPICS THAT MY COUNTRY IS WORKING

**Ministry of Disaster Management and Relief (MDMR) and Disaster Management Bureau(DMB) has been established.**

**Building codes have been designed for the structures in Bangladesh.**

**Efforts are continuing to improve the early warning issuing Capability of the concerned government organizations.**

**Trying infrastructure development for Cyclone shelter, Flood Evacuation center etc.**

### Main Government Organization

- Ministry of disaster Management and Relief(MDMR)
- Disaster Management Bureau(DMB)
- Directorate General of Relief and Rehabilitation(DGRR)



**GO and NGO are working together for disaster:**

- 1.Public awareness meeting
- 2.Cyclone/Flood forecasting and warning
- 3.Imparting training
- 4.Skills to cope with disaster



**WHAT I LEARN FROM ADRC**



**Learn lesson from the Great Hanshin Awaji Earthquake**

**Kobe Memorial Day-“Don’t Forget about disaster, it can hit any time”.**





**Drill in Kobe Memorial Day-  
17<sup>th</sup> January**

**Practice makes a man perfect**



**Discussion about disaster and  
Prevention in an elementary school**

**Education of Disaster and Curriculum  
Of Disaster in Maiko High School**





**Model of soil and water  
Conservation in Mt. Rokko**

**Lecture about Disaster in JICA  
Seminar**



**Research about Disaster in  
Cabinet Office**

**Role of NHK in Disaster Reduction**





**Tachikawa National Disaster Management Head Quarter**



**Tachikawa Disaster prevention Fire Dept. special rescue team**



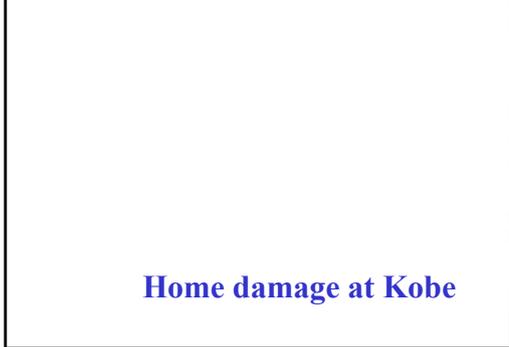
**Tokyo Disaster Medical Center of National Hospital in Tachikawa**



**Doctors briefing their experiences In Disaster situation**



**Affected person explained his Great Hanshin Awaji Earthquake experiences**



**Home damage at Kobe**

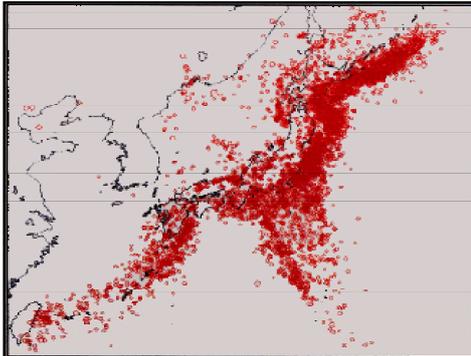


**JMA member is explaining their Working system in various stages**



**Practical visit in JMA**





**Seismic Identification Station Map**

**Red Cross alert for Emergency Situation**



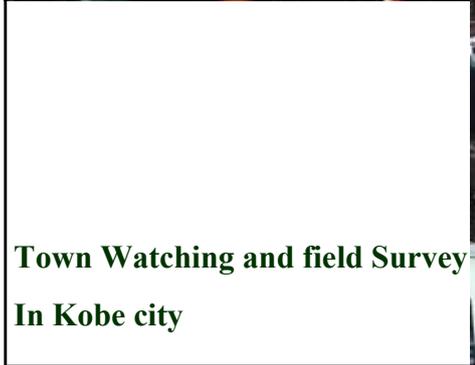
**Picture of the Nojima Fault**

**Nojima Fault Preservation Museum**





**History of Wajyu Kiso River**



**Town Watching and field Survey  
In Kobe city**



**Dam in Nagoya: Protection from  
the unavoidable flood**



**Information Technology and  
Knowledge sharing in EDM**





**ADRC members visit World Largest Shaking Table**



**Model of World Largest Shaking Table**



**Deliver lecture in Fuji Tokoha University and exchange the idea about disaster with the faculty members and the students.**



**Working in practical experiment about Disaster.**





Visited Institute of Geoscience , University of Tsukuba and dicuss about the disaster and Environment.



Open House Exhibishion of Institute of Industrial Science in the University of Tokyo.



### WHAT IS MY ACTION PLAN:

**# Need to refine and maintain forecasting and warning system at national level. Regarding the develop of early warning system we would like to start a joint collaboration project with ADRC and BPATC.**

**# To Develop of curriculum for elementary and secondary education should be made through the National Curriculum and Text Board.**

**# Arrangement must be made to ensure support for training and public awareness at the grass root levels.**

**# To raise public awareness, proper utilization of mass media (radio, TV, leaflets, local songs, postal stationary, films etc. ) should be promoted and encourage.**



**# To develop evacuation center and need to establish in a small scale substitute facility evacuation center for countermeasure Disaster like “Tachikawa Disaster prevention Base”.**

**# Establish and maintain arrangements by trained and experienced civil service officers who can be promptly sent on temporary assignments to reinforce in Disaster affected area.**

**# The most vulnerable groups- children and women should emphasis and promote broad based special program for them on “ how to prepared” ( for cyclones , floods and earthquakes) and “how to minimize damage and losses.”**



**#A computerized DIS or National Disaster Management data Bank and information should be established.**

**# Bangladesh Govt. should follow the building code emphasis on seismic resistance building.**

**# Development on an effective disaster reduction program is developed from “top down”. But the “bottom up” process is needs for mutual support between communities, district and so on.**

**# The private sector particularly large scale enterprise, ltd. company, Multinational companies must be encouraged or, if necessary, coerced into the Disaster program.**



# Geologically, Bangladesh is located beside the South Asian Plate. In past, there occurred a great earthquake in 1897. So People should be prepare for that Disaster.

#We may develop the idea of -"NPO"

# Establish and maintain arrangements by trained and experienced civil service officers who can be promptly sent on temporary assignment to reinforce in Disaster affected area.

# ADRC-OCHA, Bangladesh "Who is doing what where"-Project .



## CONCLUSION



**For Implementing the Action Plan, there are 4 main actors in the situation:**

- 1. Politicians and Governments**
- 2. Government Administrator and professionals**
- 3. The people and community based networks and**
- 4. The News and Information Media**

**My concept:**

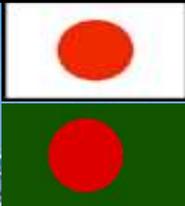
- 1. Don't forget about Disaster.**
- 2. Reduce the Disaster cope with social and culturally.**
- 3. We are the people of one world, so should do help each other.**



## Acknowledgement



1. Japan Government and ADRC
2. Bangladesh Government and BPATC
3. Cabinet Office of Japan
4. JICA
5. NHK
6. Tokoha University
7. The University of Tokyo
8. The University of Tsukuba
9. EDM authority
10. NIED authority
11. Miyagawa Elementary School
12. Maiko High School and
13. Other Disaster working related Organizations



**ARIGATOGOZAIMASU  
THANK YOU  
DHANNABAD**