Human Resource Development and training on DRR in Iran

(Challenges and Opportunities)

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Asian Conference on Disaster Reduction(ACDR) 2014

Tokyo, Japan March 2014



Islamic Republic of Iran

Administrative System(at a glance)

- Located in south-west Asia
- Capital (and largest city) : Tehran
- Official language(s) Persian (Farsi)
- ◆ Legislature Islamic Consultative Assembly
- Unification
- Median Empire 625 BC
- Safavid Empire 1501
- Islamic Republic 1 April 1979
- Current constitution 24 October 1979
- ◆ **Area**: 1,648,195 km2 (18th)
- **Population**: 2013 (estimate): 77,163,154 (17th)







Natural hazards in Iran

- Due to its location, Iran is a disaster prone country.
- Situated in one of the most arid regions of the world, it suffers from frequent
- droughts
- floods
- forest fires
- sand and dust storms
- ❖ located in the Alpine-Himalayan mountain system, Iran is highly exposure to earthquakes.



Background

- ❖ Iran took steps to enhance its national disaster management capacity. This has resulted in strong disaster preparedness, relief and emergency response capabilities at national and local levels.
- ❖ In terms of disaster preparedness and response, Iran has strong technical institutions and institutional arrangements for disaster management at the national level.



Background (continue..)

- ❖ Iran has significant experience and capacity in some technical areas of disaster risk management, such as:
- Hazard mapping
- Hazards engineering
- Reconstruction planning
- Health Science



Specialized Working groups

Based on NDMO Act:

- Department for training at NDMO
- National Media ,public Awareness
- ▶ Rescue and Relief Organization, public Training



opportunities

- National Day for DRR (18 Oct)
- National Earthquake Drill in Schools (7 December)
- Bam Earthquake Anniversary (26 December)
- Conferences, workshops, courses and drills
- ➤ The development of DRR activities is the concern of the entire Society







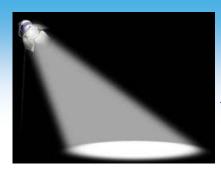


good practices

some examples such as:

- To establish institutional bases for administration of DRR education and Training
- * To include DRR in the educational Curriculums at elementary, secondary and university level.
- To establish DRR related Majors at Universities .
- To dispatch staffs involved in disaster management to international training courses and visits.





Academic programmes



The majority of universities in Iran offer courses related to Disasters including:

- Earthquake
- Civil
- ➤ Water Science
- Agriculture Science
- geology
- Environment Science and etc.

The following universities and institutes offers Course directly related to DRM/DRR

1) University of Tehran, Institute of geophysics

Level: Doctorate &Masters in geophysics

Web: http://geophysics.ut.ac.ir

2) University of Tehran, Graduate Faculty Environment

Level: Masters in Disaster management

Web: http://env.ut.ac.ir

3) <u>University of Tehran, Medical</u> Sciences

Level: PHD & Masters in Disaster and Emergency health

Geographical coverage: Global

Web: http://nihr.tums.ac.ir

Academic programmes (continue..)

4) Iran University of Medical Sciences (IUMS)

Level: PHD in Disaster and Emergency health

Geographical coverage: Global

Web: http://shmis.iums.ac.ir

5) International Institute of Earthquake Engineering & Seismology (IIEES)

Level: PHD &Masters in geophysics, Masters in

Disaster Risk Reduction

Web: http://www.iiees.ac.ir

6) Shahid Beheshti University (SBU)

Level: Masters in Disaster management and masters in Reconstruction after Disasters.

Web: http://www.sbu.ac.ir

7) Shahid Bahonar University of Kerman

Web: http://www.uk.ac.ir

8) Iranian National Institute for Oceanography and Atmospheric Science (INIOAS)

Web: http://www.inio.ac.ir

9) Natural disaster Institute

Web: www.ndri.ir

Applied and science university, Natural disaster Institute branch

Level: Masters in Disaster management, bachelor in Disaster management, bachelor in relief and rescue.

Web: www.ndri.ir

 Iran Helal Institute of Applied-Science & Technology

Level: Masters in Disaster management, bachelor in Disaster management, bachelor in relief and rescue.

Web: http://www.helal-uast.ac.ir

challenges

- Parallel activity made by different Organizations
- Weak monitoring and evaluation systematic mechanism for progress achieved.
- Non-continuity of trainings
- Shortage of comprehensive concepts and standards



The Way Forward

strength and improvement

- ❖ Community based DRR
- Urban Relief and rescue
- ❖ Utilization of GIS, Remote Sensing and IT for DRM/DRR
- * Earthquake monitoring, Early warning and dissemination
- ❖ Urban Planning and DRR
- * Risk Assessment
- Media



ありがとう (Thank you)



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