

***Human Resource Development and training on
DRR in Iran
(Challenges and Opportunities)***

Ali Bakhtiari

National Disaster Management Organization (NDMO) of Iran

Visiting Researcher at ADRC

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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) [University of Tehran, Medical Sciences](http://nihr.tums.ac.ir)

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 \(IUMS\)](http://shmis.iums.ac.ir)

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

10) 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

11) 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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