Outline

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- Basics of Disaster Management and Planning
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- Conclusion

Dr. Yılmaz ÖZMEN

Dr. Yilmaz OZMEN

- Dr. Ozmen was born in 1966, Karaman Tr.
- Degrees:
  - He graduated from university in 1987 as a mechanical engineer and continued for graduate studies. He took Msc (1990), and Ph.D. (1995). His specialization can be summed up as, Nano Technology, Tribology, Materials Science and ICT applications for management.
  - He has been in USA and Japan as post-doc researcher for 5 years.
- Professional experiences:
  - 1. Denizli Special Provincial Administration (Local Government)
    - 1.1. Deputy Secretary General,
    - 1.2. Acting Strategy Development Director;
    - 1.3. Acting Human Resource and Training Director,
    - Member of city permanent committee since 2007,
    - Tasks: HR Management, performance management, human resource development, quality system, project development, strategic planning, performance planning, research and technology development
  - 2. EU project expertise; Regional Coordinator of Denizli and National Programme Development Expert of Modernization of Vocational Education and Training in Turkey project
  - 3. Researcher on Nanotechnology and Tribology; Postdoc Researcher in Japan - AIST (Super Inkjet Printer Project: Contact Atomic Force Microscope and Scanning Kelvin Probe Microscope, Atomic resolution image could be obtained on Si (111) surface. Electronical characterization of Silicon).
  - Postdoc Researcher in USA - NIST (1. Improvement of Hard disk surface of computer: Clean-room experiments, the surface of the hard disk covered with 1nm thick oil film durability tests, 2. Lubrication of Ceramic Materials with water: SiC and Si3N4 ceramic materials, Zero friction coefficients)
  - 4. Research Assistant, Lecturer, Assistant Professor in Pamukkale University; R&D: Many research at the mechanical engineering department. Surface hardening with Boron, development of surfaces resistant to abrasion, effect of residual stress to abrasion, development of journal bearing, establishment of metallography laboratory and heat treatment laboratory are some of these.
  - 5. Association of Disasters and Road Safety, President 2006 –

- Experience:
  - EU project expertise;
  - International communication and network experience;
  - Strategy development, strategic management;
  - Project development and management;
  - Experience of high tech commerce and industry work environment;
  - Human resource management;
  - Vocational and technical education expertise;
  - Ability to take initiative; Focused on problem solving, competitive and dynamic team member; Proactive,

Denizli

- 500,000 population
- Industrialized (textile, chemistry, machinery, mine)
- Touristy (Hierapolis-Pamukkale, Laodikeia),
- Modern city

The Association

- President
- Vice President
- Secretary
- Treasurer
- Boarding Member
- Boarding Member
- Boarding Member
- Boarding Member
- Boarding Member

TOTAL 80 members (employees, retirees, students, etc.)
Non-Profit Making NGO dealing with Disaster and Road Safety

DRS carries out activities, in cooperation with relevant institutions and organizations

DRS carries out awareness raising information seminars, trainings and dissemination workshops, conferences, symposiums, open meetings, forums, academic meetings and exhibitions

DRS publish booklets, bulletins, journals and books on road safety, and mitigating natural disasters

Most of our members has completed civil servant rescue trainings and are voluntary based rescue staffs.

DRS carries out scientific and EU projects to solve community problems concerning with road safety and disaster mitigation

Activities

Participation In Advocacy Events

Training In Schools

Activities

EU Project Meeting

Forestry Plantation

Basics of Disaster Management and Planning

It’s all about planning

Typical DM Organizational Charts
Disaster Management

- Investigate any type of disaster expected, and lay out the current CR and DM
- Produce risk maps
- Create disaster scenarios
- Mitigation and preparedness precautions, response procedures and recovery activities

Disaster Management System

- Modern, consists of 4 phases: Mitigation, Preparedness, Response and Recovery
- Integrated, congregates all resources under one force
- Total Quality Management concept
- Perceives disaster as a whole
- Society supported, society is included in all 4 phases
  - Public, citizens, NGO etc.

Disaster Management Principles

- Emergency management is a “living” management that needs to be renewed and revised continuously.
- Organizations done should be modular and could be integrated with each other.
- Integration of 4 phases in emergency management to become true by top level coordination of public, private sectors and NGOs.

What is Civil Resilience?

- It is the effort to get the “life” of the community back to normal following a disaster or major emergency as soon as possible.

Why is CR important?

- Relatively small investments in preparation can speed up recovery and prevent further hardship
- A country’s population is its most valuable asset, it is therefore important for the economic security of a country to protect its people

Why do we need CR?

- To manage threats
- To plan
- To assist
- To return to normal
Managing Civil Resilience

- To Manage CR we use the principles of Emergency Management …
- It is the continuous process by which all communities identify risks and manage hazards in an effort to avoid or reduce the impact of disasters
- CR is known as “business continuity management” in the private sector

Role of NGOs for Disaster Prevention: Turkish Case

DRS – SecureALL project
Türk Kızılayı- Turkish Red Crescent
Kimse Yok Mu? - Nobody at all?

SecureALL Project

“Innovative training system based on e-learning contents for the sectors of Prevention, Civil Protection, Safety and Security of Citizens and Patrimony”
Leonardo da Vinci 2005
Contract number: Pt/05/B/P/PP-159150
Start date: 03/Oct/2005
End Date: 02/Set/2007

Overall objective

- The objective of the project is to set going a new training system in the fields of prevention, civil protection and safety of people and patrimony supported by the use of ICT and to design and prepare the e-content for the training in order to increase the competencies of the professional staff in a European common context of skills recognition, integrated on global and sustainable political strategy.

Partnership

1. ISQ - Instituto De Soldadura E Qualidade, Portugal
2. DRS- Association of Disasters and Road Safety, Turkey
3. AEEP- Association Européenne Pour La Formation Professionnelle, Belgium
4. EFODL- European Federation for Open and Distance Learning, Belgium
5. VF2KUMNF- Ústav Bezpečnosti Práce, Czech Republic
6. BDF- Boletar De Desarrollo Y Formacion, Spain
7. SALPAUS- Kansainvälisyysopimusto, Finland
8. CINOP- Centre For The Innovation Of Education And Training, Netherlands
9. ENB- Escola Nacional De Bombeiros, Portugal
10. FSC- FIRE SERVICE COLLEGE – United Kingdom
Specific aims

- To know the actual training and education systems which deal with the specified thematic subject and in which professional context they are used;
- To identify the eventual gap of skills at national level and in the European context;
- To design and produce different materials and contents which will concur to increase of the trainees qualifications in the described areas;
- To adapt contents for the e-learning and for target groups of variously qualified people of different age groups;
- To run a pilot course with well defined types of trainees;
- To evaluate and to re-engineer the course and its contents;

Civil Resilience Course


Türk Kızılayı - Turkish Red Crescent

MISSION: Turkish Red Crescent Society is a humanitarian organisation that provides relief to the vulnerable and those in need by mobilising the power and resources of the community to protect human dignity anytime, anywhere, under any conditions and support the enhancement of the community’s capacity to cope with disasters.

The activity and service areas:
- Disaster Preparedness and Response
  - In the event of war
  - During natural disasters
  - In ordinary periods
- Cash and in-kind relief services
- Health and Social Support Services
  - Medical Centres
  - Psychosocial Support Services
  - First Aid courses
- Blood Services

TRC is Continuing to Relief Efforts in Haiti

Lessons Learned, Better Prepared For The Future Disasters
Objective: To help to increase cooperation among agencies in local level through the Turkish Red Crescent local branch offices in order to reduce the possible damages by disasters, to help disaster preparedness and to raise social responsibility awareness through community leaders.

http://www.toplumlideri.org.tr/

Activities
- Trainings of community leaders (mukhtars, teachers and religious officers) have been carried out
- To gain at least one teacher from each school as a community leader
- To gain at least one religious authorities from mosques/churches as a community leader
- To gain mukhtars (neighborhood executive officer of a village or district) from all over the country
- To improve the intervention capacity of Turkish Red Crescent branches
- To reach people to get ready for disaster mitigation and prevention by the community leaders trained by the project
- To create community mobilization capacity about disaster preparedness and risk mitigation in the Red Crescent local offices

Training of mukhtars, teachers and religious authorities

Travelling to Denizli and starting trainers

All of trainees were questioned before and after the training activities to measure the efficiency of the educations given.

Partners
- NGOs
- MCL
- Turkish Red Crescent Presidency of Religious Affairs
- Ministry of Interior
- Ministry of National Education
- Universities
- NGOs
- Universities
- NGOs

Preparation Phases
- Preparation of Project Management Plan
- Identification of criteria for participants, trainers and local Project administrators
- Preparation of draft training module
- Preparation of draft training module
- Preparation of draft training module
- Preparation of draft training module
- Preparation of draft training module
Informing Turkish Red Crescent local office managers

Informing high level government officials

Reliability, transparency, eligibility selection, training, pre-test/questionnaire

Identification of candidate trainers and project managers

Training Program

Roles and Responsibilities of Community Leaders in Disasters

Community Leader and Community Participation:
- What is a community leader?
- What are the roles and responsibilities of a community leader?
- Why is the participation of community important?

Safe Life:
- What is a safe life?
- What is social responsibility?
- Voluntary sector
- Turkish Red Crescent

Terms related to disaster

Disaster management:
- Country, regional and sub-provincial structure

Roles and Responsibilities in Disaster

Psychological/First Aid

Identification of candidate trainers and project managers

Delivery of Training for Trainers

Pre-test/questionnaire, field trainings

Monitoring and Evaluation

Final test/questionnaire

Continuation of local cooperation

Pilot District Implementation Drill

Analysis Report

Implementation in Local

11/06/2010

Project Related Data

Trainers
- In 28 provinces 496 trainers were trained.

Community Leaders
- In 28 provinces 27,952 community leaders were reached.

Seminars for Mufti
- In 26 provinces 2448 muftis, deputy muftis, local officer director, religious services experts and preachers were reached.
- In addition in other divine religions 24 religious officials were reached in 3 provinces.

Friday Khutbahs and Preaching
- In 11 provinces 1,249,750 persons were reached. In addition in 3 churches 450 persons were reached.

Theatres for Children
- In 23 provinces 14,745 students were reached.

Aim of the Association

- The association aims to develop social responsibility, solidarity, aid, consciousness, to improve socioeconomic level of the society.
- To help people in need, who shall be in need due to catastrophes such as war, earthquake, flood, fire, etc. and provide them with food, clothes, cleaning materials, fuel, shelter, health, education, assistance to build up business, real and financial help.
- The aids and the services that the association provides are open to public and they are not restricted to a region or a group of people.
- Hence, the association shall provide these aids to anyone in need not segregating skin color, language, religion, nationality, sect, political or philosophical ideas, class, sex, region, country and etc.
- The association may never interfere in politics.

Kimse Yok Mu? - Nobody at all?

Solidarity and Aid Association


Established in 2003

You can help to victims by donating to the campaign of the association via:
- SMS to 3777 by typing name of campaign (5 YTL/MESSAGE),
- Online donation by your credit card,
- The bank accounts transfer

11/06/2010
Aid Activities-Haiti, Endonesia Earthquake

107 tents with parents section, each of which is 32 m², isolated against hot and cold weather. For two months it provided 2000 people with hot meal. To build a primary school, student dormitory and a hospital.

Aid Activities-Flood-strick in Peru and Land-slide in Uganda

The association has provided clothes and food to 150 families in Peru, which was heavily hit by flooding earlier this year.

The association lends a helping hand to Uganda, which was hit by a severe landslide, 260 parcels of food, 280 parcels of 5 kg meat packages and blankets to disaster victims.

Aid Activities-Others

Endonesia earthquake and tsunami 2004, 2008, 2009
Pakistan earthquake 2005
Bengladesh flood on Sidr hurricane 2007
Myanmar Nargis hurricane 2008
China earthquake 2008
Tachikistan flood 2009

Aid Activities-Tr

House built for the family losing their home on fire. The family did not only lost their home but during the fire, their Mustafa (43) and Elif (39) children were in, so Muhammed’s (18) and Hilal’s (16) faces were burnt. Adana, Tr

For earthquake victims 3250 carpets, 450 blankets, and clothing for 700 people, 200 shoes, 200 slippers, 200 children coats, 500 loaves of bread, 1000 bottles of 0.5 water, and 1000 boxes of fruit juice were distributed, Elazığ, Tr.

Conclusion

Disaster planning must cover 4 phases Mitigation, Preparedness, Response and Recovery.

NGOs should be very active in any stages of disaster planning and managements.

Government authorities should take necessary precautions to include NGOs in disaster planning and managements.

Training system in the fields of prevention, civil protection and safety of people and patrimony should be supported by the use of ICT.