

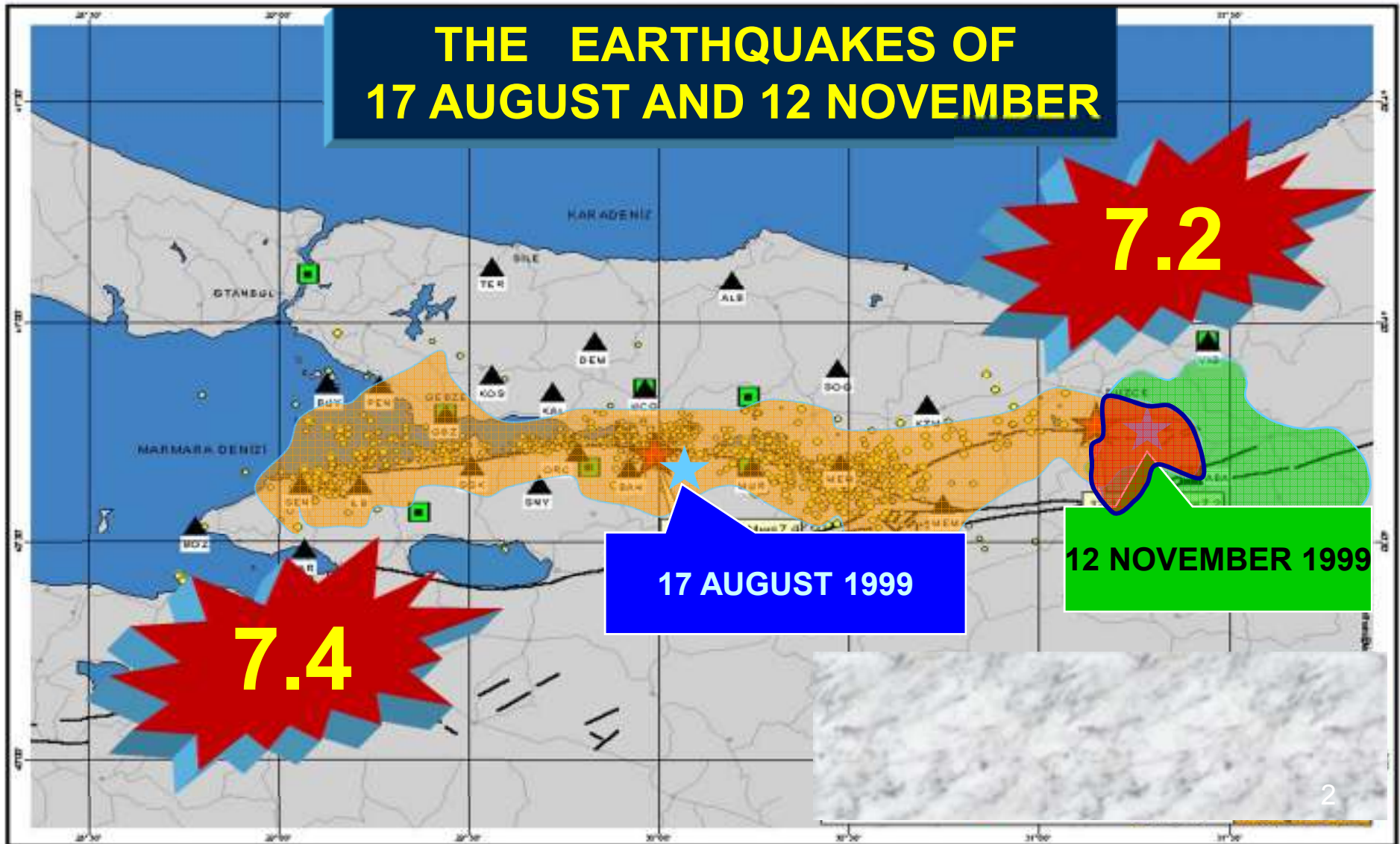


DISASTER RISK MANAGEMENT IN TURKEY

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Risk Assessment and Strategy WG*

Disaster and Emergency Management System of Turkey





Total 18.243 Deaths

48.901 Injured People

APPROXIMATELY AREA

Total Material Loss 8
Billions of Dollars

100.000 KM²
15 mil. population



After 99 EQs Fundamental Changes

- Turkey Emergency Management DG under the Office of Prime Minister was established
- Urban Search and Rescue' (USAR) structure has been changed
 - Civil Defence Battalions Established in 11 Provinces
 - Military SAR teams established and nourished through Garrisons
 - Numerous SAR NGOs have been established

Legislative Changes

- **Obligatory Earthquake Insurance**
- **Control of Construction Processes**
- **Proficiency in Constructional Professions**

Organizational Changes

- **General Directorate of Emergency Management attached to the Prime Ministry was established**
- **Ministry of the Interior has set up regional centers for relief and emergency operations.**
- **Independent National Earthquake Council was set-up**
- **Local authorities' responsibilities for disaster mitigation were extended**

Administrative Structure was;

Central Level

- Mol Civil Defence DG
- MoPWS Disaster Affairs DG
- Emergency Management DG Office of PM
- Turkish Red Crescent

Provincial Level

- Municipalities
- Provincial Special Administrations
- Provincial Branches of Central Administration 8

New Emergency Management System

- **By the Act 29/5/2009 dated and No.5902 Establishment of Disaster and Emergency Management Presidency;**
 - **TEMAD Under Prime Ministry**
 - **MoI of Civil Defence DG**
 - **MoPWS Disaster Affairs DG****were closed.**

SYSTEM REORGONIZED

DIRECTORATE-GENERAL of
CIVIL DEFENCE

DIRECTORATE-GENERAL of
DISASTER AFFAIRS

DIRECTORATE-GENERAL of
TURKEY EMERGENCY MANAGEMENT

BY 17 DEC. 2009

PRIME MINISTRY
DISASTER AND EMERGENCY MANAGEMENT PRESIDENCY



DISASTER AND EMERGENCY MANAGEMENT PRESIDENCY

17.06.2009 Law No.5902

In order to take necessary measures for an effective emergency management and civil protection issues nation wide, DEMP conducts;

- ✓ pre-incidents **preparedness, mitigation and risk management,**
- ✓ during incidents **response**
- ✓ post incidents **recovery and reconstruction**

And amongst the Governmental, NGO and private institutions,

- **Provides coordination,**
- **Produces policies,**
- **Implements policies.**

By the new system in Central Gov't

- The only responsible organization is DEMP and affiliated to the PM.
- Provincial Administration is under Governors so the Directors of Provincial Administration is responsible directly to Governors.

- **System has been simplified and qualified.**
- **All duties, competencies and authorization of three institutions automatically passed into DEMP.**
- **Main duty of DEMP is assessment and provision of needs in coordination with all governmental institutions in case of disasters at all levels.**

PROVINCIAL LEVEL

By the new Act;

- Disaster and Emergency Management Directorates are established in 81 provinces
- In each province the emergency centers are established affiliated to the Governor, too.



Civil Defence Battalions in 11 Provinces

By this Act;

- ✓ **Supreme Committee for Disaster and Emergency Situations – Ministerial Level**
- ✓ **Coordination Committee for Disaster and Emergency Situations- Undersecretary Level**
- ✓ **Earthquake Advisory Committee- Academicians**
- ✓ **Other committees related to disasters are established.**

Presidency consists of 6 departments;

1. Department of Planning and Mitigation
2. Department of Response
3. Department of Recovery
4. Department of Civil Defence
5. Department of Earthquake
6. Department of Administrative Affairs

Planning and Mitigation Department

Department consists of ;

- ✓ Risk Assessment and Strategy WG
- ✓ Communication WG
- ✓ Geological Survey WG
- ✓ GIS and Information Systems WG
- ✓ Disaster and Emergency Management Training Center

Department aims to work actively and efficiently with these 5 WGs.

Planning and Mitigation Department

Duties of Department;

- ✓ To prepare disaster and emergency response, risk management and hazard reduction plans which will be applied nation wide,
- ✓ To determine possible disaster and emergency areas and to pronounce preventive measures,
- ✓ To determine reconstruction, plan and project rudiments of disaster prone areas,
- ✓ To determine cash, goods and humanitarian aid rules,

Planning and Mitigation Department

- ✓ To work for informing and raising awareness of public about disasters and emergencies,
- ✓ To collect and evaluate informations about disasters and emergencies occurred inside and abroad,
- ✓ To determine standarts of common communication and data systems in Disaster and Emergency Management Centers and inspect them,
- ✓ To carry out the routine works of Disaster and Emergency Training Center.

Planning and Mitigation Department

- **Related to Disaster and Emergencies;**
 - ✓ To determine administrative strategies,
 - ✓ To establish and operate all kinds of communication, early warning, data and prediction centers,
 - ✓ To suggest to related agencies about public investments and personnel requirements, To do or get trainings and exercises,
 - ✓ To ensure improvements and generalize insurance services,
 - ✓ To determine and supervise service and accreditation standards,
- To do the other related works given by the Head of Agency.



Planning and Mitigation Department

- **OUR MISSION:**

To produce general policies and strategies for reducing disaster risks in our country, to apply plans and principles, to coordinate concerned institutions, and to implement these works.

- **OUR VISION:**

To become a respected and active institution recognized nationally and internationally on Disaster Risk Reduction.

Planning and Mitigation Department

- Disaster Risk Reduction – DRR
 - ✓ Is all of the activities carried out to avoid disasters and emergency cases or to minimize risks and vulnerabilities !
 - ✓ Measures taken to minimize an existing risk
 - ✓ Early warning and prediction systems
 - ✓ Prevention structures
 - ✓ Risk and hazard maps
 - ✓ Plans of lands vulnerable to disaster,
 - ✓ Training and consciousness raising etc.

Planning and Mitigation Department

- **Our Objectives**
 - ✓ To draft and improve “National Disaster Management Strategic Plan” in order to determine priority policies,
 - ✓ To determine parties to participate in multi-stakeholder activities and to coordinate works that should be carried out throughout the country in accordance with this plan,
 - ✓ To prepare Turkey disaster risk maps, to determine disaster hazard and risk at macro and micro scales, to determine principles for its development, and to promote provinces,

Planning and Mitigation Department

- ✓ To construct a structure allowing to complete Urban Risk Analysis and Avoidance Plans,
- ✓ To create a database for collecting any kind of data on natural disasters and carrying out analyses and syntheses,
- ✓ To create “culture of risk reduction” through widespread training, information and consciousness raising programs.

Planning and Mitigation Department

DISASTER MANAGEMENT

RISK MANAGEMENT



FOCUSED ON DISASTER AND EVENT

SINGLE EVENT-BASED SCENARIOS

**MAIN PURPOSE IS TO RESPOND TO
EVENT**

**CONSTANT, DETERMINED LOCAL
APPROACH**

SINGLE RESPONSIBLE AUTHORITY

CENTRAL CONTROL

CENTRAL STEERING

DETERMINED HIERARCHICAL RELATIONS

FOCUSED ON VULNERABILITY AND RISK

**DYNAMIC, MULTI-RISK APPROACH, AND
ADVANCED SCENARIOS**

**ASSESSMENT, MONITORING AND
DEVELOPMENT**

**WIDE, CHANGEABLE, SHARING,
REGIONAL APPROACH**

**RESPONSIBLE LOCAL ADMINISTRATIONS
AND STAKEHOLDERS**

**EVENT-SPECIFIC APPROACH, FLEXIBLE
APPROACH**

JOINT ACTION WITH DIFFERENT UNITS



PRIME MINISTRY
DISASTER AND EMERGENCY MANAGEMENT PRESIDENCY



TURKISH NATIONAL PLATFORM FOR DISASTER RISK REDUCTION

Department of Planning and Mitigation
Risk Assessment and Strategy WG

NATIONAL PLATFORM

Studies in order to create a national platform in Turkey has been started in 2008, with a committee consisted of main actors involved in disaster management structure of Turkey. In 2009, after a restructuring period and with the establishment of Disaster and Emergency Management Presidency of Turkey (AFAD), new authority held the activities.

Structure

National Platform is a coordination and advisory group of several actors from disaster community. Platform is formed by the decision of Cabinet and chaired and managed by AFAD.

- ✓ *Governmental Organizations*
- ✓ *Non-Governmental Organizations and Professional Organizations*
- ✓ *Universities;*
- ✓ *Local Authorities;*
- ✓ *Private Sector;*
- ✓ *Media;*
- ✓ *National Association;*

Aims

The aims of the Platform are to; provide public awareness against disasters, ensure coordination and cooperation in order to maintain disaster related issues sustainable, assessment of needs, monitoring and evaluation of implementations in order to contribute to integration of disaster risk reduction policies into sustainable development plans and policies at all levels.

Functions and Duties

1. Contribute to the needs assessment studies for disaster risk reduction activities, policies, make proposals for national action plans on DRR,
2. Contribute to the programming, monitoring and evaluation of DRR studies at national level,

Functions and Duties

3. Ensure more effective and multi stakeholder studies and activities among the various partner organizations working in the field of DRR and make available more effective and rationalist use of sources,

Functions and Duties

4. To direct the in line organizations on the following topics;
 - ✓ Integration of development plans and policies into DRR targets,
 - ✓ Identification, implementation, monitoring and definition of priorities of hazard and risk studies by supplying consultancy,

Functions and Duties

5. Develop strategies and policies in order to achieve DRR and support the existing ones,
6. Maintain the implementation and monitoring of Hyogo Framework of Action Strategy Plan in the country,
7. Support the activities in order to increase the awareness of public to disaster risk reduction,

Functions and Duties

8. Documentation of all lessons learnt in the field of DRR and share and exchange of information with national and international stakeholders,
9. Facilitate and support establishment of mirrored/similar mechanisms at the county and local self-government levels regarding disaster risk reduction.

Budget

Budget for the meeting expenses and other events of the Platform will be covered from the budget of AFAD, expenditures for the proposed research, project and survey within the scope of the Platform will be funded by AFAD or related institutions.

Contact Information of the National Platform

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