
EARTHQUAKE PREPAREDNESS OF ISTANBUL

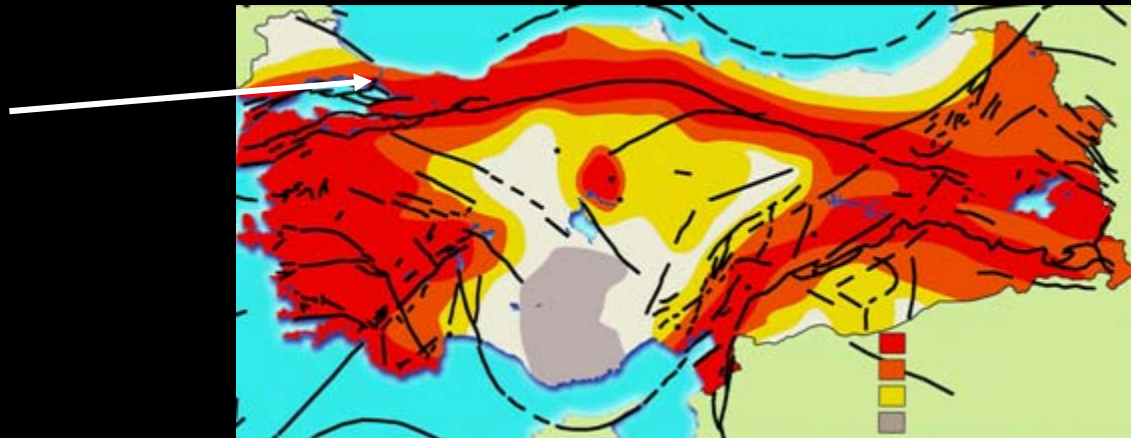
Study Part-1

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ISTANBUL

- Around 10 million inhabitants
- 5512 km² and 1822 p/ km²
- Poorly-constructed buildings and infrastructure, industrial areas
- Historically EQ prone

Istanbul



MILESTONE FOR ISTANBUL

- 17 August 1999, 7.4 Richter-scale EQ
- 17000 deaths (unofficial numbers are up to 40000), 75000 buildings completely collapsed
- Late response, big chaos
- Wake up event

BEFORE 1999

- No major EQ preparedness
- Not enough lessons-learned from EQs in other cities of Turkey
- Some laws encouraging preparedness at the country-level
- Many simple preparedness techniques were not known (like furniture fastening)
- Individuals almost completely unaware

AFTER 1999

In General:

- Increasing preparedness action, getting slowed down recently
- Preparedness at the governmental, voluntary and individual levels.
- New organizations established at governmental and voluntary level.
- New laws

FUTURE STEPS

A completely integrated preparedness action
=
360° prepared city

FUTURE STEPS

- Individual/family preparedness awareness
- More initiative by NGOs
- Local government level preparedness
- Academic outcomes
- Preparedness of schools, hospitals, universities and other public places
- Coordination among actors

STUDY PART 2

Study Part 1:
Analysis and Assessment

Study Part 2:
Developing 360 ° Preparedness Model



THANK YOU