

17 August 1999 Izmit Earthquake: 10th Anniversary

An overview of the research
in the Sea of Marmara region over the last
10 years

17 August 2009

Istanbul Technical University, Faculty of Mines
İhsan Ketin Conference Hall

Organisers: Namık Çağatay, Naci Görür, Gülsen Uçarkuş
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Programme

- 09:00 **Opening speeches**
09:30 **Naci Görür:** An overview of the earthquake research in the Sea of Marmara
09:55 **A.M.Celal Şengör:** The North Anatolian Fault in the Sea of Marmara
10:20 **Namık Çağatay:** Geohazards and their sedimentary and geochemical records in the Sea of Marmara
10:45 Coffee break
11:05 **Rolando Armijo:** Our knowledge of active faulting and seismic hazard in the Sea of Marmara region: What are the facts remaining after 10 years of debate?
11:30 **Pierre Henry:** Interpretations of the seafloor fault network revisited
11:55 **Luca Gasperini:** Geological slip rates of the North Anatolian Fault beneath the Sea of Marmara
12:20 Lunch Break
13:40 **Michel Bouchon:** Earthquake rupture mechanisms in the Marmara region
14:05 **Louis Geli:** Relations between fluid seepages and seismic activity
14:30 **Sedat İnan:** Multi-disciplinary earthquake researches in the Marmara Region
15:55 **Mustapha Meghraoui:** Paleoseismological studies in the Marmara region
16:20 Coffee break
16:40 **Sinan Özeren:** Submarine landslides and associated tsunamis in the Sea of Marmara
17:05 **Haluk Eyidoğan:** Seismicity and stress tensor analysis of North Marmara Fault in the Sea of Marmara
17:30 **Mustafa Erdik:** Earthquake hazard and risk assesment for the future Marmara earthquake
17:55 **Mustafa Aktar:** High resolution seismic observations and plan for Deep Geophysical Observatory on the North Anatolian Fault
18:20 **Paolo Favali:** Seafloor observatories for earthquake monitoring in the Sea of Marmara
18:35 **Discussion**

