



**IODP**  
INTEGRATED OCEAN  
DRILLING PROGRAM

MARMARA-TRANS WORKSHOP  
13-16 JUNE 2011 ISTANBUL



**Istanbul Technical University**

**Faculty of Mines**

**İhsan Ketin Conference Hall**

## IODP MARMARA-TRANS WORKSHOP PROGRAM

Monday / 13.06.2011

**08:30 Registration**

**09:00 Opening speeches**

### **Tectonics and seismotectonics**

**09:30 A.M. Celal Şengör:** *The evolution of the Marmara Basin as a complex structure along a broad shear zone*

**09:50 Gülsen Uçarkuş:** *Active faulting and earthquake scarps along the NAF in the Sea of Marmara*

**10:10 Sinan Özeren:** *Long term strength of the western part of North Anatolian Fault (NAF)*

**10:30 Anne Bécel:** *Crustal structure below the Sea of Marmara*

**10:50 Coffee Break**

**11:10 Aral Okay:** *Geology of the Sea of Marmara (from subduction to strike-slip basin)*

**11:30 Pierre Henry:** *Thermal modeling of basin subsidence in an evolving fault system*

**11:50 Leonardo Seeber:** *Active tectonics and basin subsidence.*

**12:10 Robert Reillinger:** *Geodesy and fault rate models*

**12:30 Onur Tan:** *High Resolution micro-earthquake activity in the Sea of Marmara.*

**13:00 Lunch**

### **Geohazards and paleoseismology**

**14:10 Naci Görür:** *Geohazards associated with the northern margin of the Sea of Marmara*

**14:30 Cecilia McHugh:** *A long-term high-resolution record of earthquakes*

**14:50 Aurélia Hubert-Ferrari:** *Turbiditic sedimentary records in the different basins of the Sea of Marmara.*

**15:10 Yıldız Altınok:** *Historical earthquakes and tsunamis in the Marmara Region*

**15:30 Vasiliki Mouslopoulou:** *Relations between paleoearthquakes and million-year fault growth in an active rift*

**15:50 Coffee Break**

***Stratigraphy, sedimentology and paleoceanography***

**16:10 Namik Çağatay:** *Late Quaternary Stratigraphy and Paleoceanography of the Sea of Marmara: Mediterranean-Black Sea connections*

**16:30 Jean-Pierre Suc:** *The Messinian Salinity Crisis in the Marmara region*

**16:50 POSTERS**

**18:00 Ice-breaker party**

**Tuesday/ 14.06.2011**

***Tectonics and seismotectonics***

**09:00 Xavier Le Pichon:** *Southern Marmara Fault*

***Stratigraphy, sedimentology and paleoceanography***

**09:20 Günay Çifçi:** *Piri Reis HR data overview*

**09:40 Chris Sorlien:** *Stratigraphic correlations in the Sea of Marmara*

***Fluids***

**10:00 Louis Geli:** *A fluid conduit in the NAF fault zone : 3D HR Survey*

**10: 20 Ioanna Bouloubassi:** *Authigenic carbonates and biogeochemical processes in the Sea of Marmara*

**10:40 Coffee Break**

**11:00 Fatih Bulut:** *Seismotectonic studies at the Princes Islands segment of the NAFZ: Recent results from the PIREs network and future plans*

**11:20 Scott Nooner:** *Seafloor Geodesy*

**11:40 Tim Freudenthal:** *MeBO seafloor drill*

**12:00 Gilles Lericolais:** *News on IOD SAS*

**12:30 Lunch**

**14:00 TUESDAY AFTERNOON WORKING GROUPS**

**(A)** Geohazards (submarine landslides), seismicity-fluids, and borehole instrumentation

**(B)** Basin evolution, seismotectonics (seismoturbidites) and paleoceanography

*19:00 Conference dinner*

**Wednesday/15.06.2011**

**Working Groups**

WEDNESDAY AM WORKING GROUPS

WEDNESDAY AFTERNOON PLENARY SESSION

**Thursday / 16.06.2011**

**Working Groups-SPECIAL SESSIONS**

1) Results on current work on cores covering seismoturbidites, biogeochemical and paleoceanography

2) Work on cold seeps