

09 November 2006

EMCOL  
MONTHLY MEETING  
Minutes

The meeting was convened in the Palaeontology Museum at 10:00 hours on Thursday, 9 November 2006, with the following agenda:

1. EMCOL project activities
2. Status of EMCOL Laboratories
3. Training
4. Other matters

**1. Project activities**

(i) Hazar Lake (Elazığ) Study: Emin Damirbağ, Hülya Kurt and Emre Damcı carried out a geophysical survey of the Hazar Lake (Elazığ) in eastern Turkey during 24 September-1 October, 2006 for the project “ The archeological, geological and geophysical study of the underwater settlement in Lake Hazar, Elazığ” (ITU Research Foundation project no: 31722). They have obtained very good shallow seismic reflection lines using EMCOL’s INNOMAR subbottom profiler. The profiles have good resolution and penetration.

(ii) Dr. Xavier Boes from Royal Observatory of Belgium visited EMCOL during 9-14 October, 2006 for talks on the next year’s activity of “Seismic Cycles on Anatolian Faults”, a Marie Curie project. He also analyzed some cores they collected last summer, using the EMCOL facilities.

(iii) Third progress report for the “Earthquake Risk Assessment in the Marmara Sea” project is due on 15 December, 2006. Report writing, along with core analysis work, C-14 dating, multi-channel seismic data processing and processing of the land seismic survey in Hersek and Tuzla areas, are in progress.

(iv) Namık Çağatay attended the annual meeting of ATAG (Active Tectonics Reserch Group) held in Izmir during 2-4 November, 2006 and presented a paper “Late Quaternary sedimentary sequence of the Marmara Sea: Archives of tectonic rates and earthquakes” which also included some results of core analysis carried out in the EMCOL’s Core Analysis Laboratory. During the meeting he discussed with Erhan Altunel of Orhan Gazi University the possibility of coring in Bafa Lake (Muğla) next summer within the context of a joint project. Sena Akçer could use the cores for her PhD thesis working on the paleoclimatological records in southesatern Turkey.

(v) Namık Çağatay, Nil Irvalı and Levent Erel will visit Anadolu Metro Company core storage facility to collect drill core samples from the Golden Horn for Nil’s MSc thesis project.

## **2. Status of EMCOL Laboratories:**

### *Core Analyses Laboratory:*

Dr. Xavier Boes from Royal Observatory of Belgium analyzed a total of about 10 long cores using EMCOL's XRF Core scanner for the "Seismic Cycles on Anatolian Faults" project.

Deniz Dikçe has started analyzing cores for her MSc project.

### *Sedimentology Laboratory:*

Work is planned to use the laser grain size analyzer for the graduate student and "Earthquake Risk Assessment in the Marmara Sea" project supported by the Istanbul Municipality.

## **3. Training Activities**

a) A course was held on the use and applications of our CTD probe on 30 September, 2006. The course was given by Dr. Hüsne Altıok of Marine Sciences and Management Institute of İstanbul University. Our CTD was taken to sea onboard R/V Arar and to the pond on the Masak Kampus of the University for trials and measurements. 7 Emcol students and 2 Marine Geochemistry class students attended the course.

b) EMCOL Research assistant, Sena Akçer attended a MSCL (Multisensor core-logger) in GFZ Potsdam Germany during 31 October - 3 November, 2006. The course was organized and supervised by Dr. Helge Arz. There was a delay of one week in the original schedule for the course, because of some visa problems in the German Consulate. Gökhan Şans could not attend the course because of the clash of his other activities with the dates of the course.

c) Drs. Gerald Haug and Helge Arz from GFZ, Potsdam will visit EMCOL to give a two-day short course on some aspects of paleoclimatology and paleoceanography, first week of December, 2006.

d) Sebastian Krastel is expected to give a course on the use of seismic software "Kingdom Suite" in January, 2007.

There were no other matters for discussion and the meeting was adjourned at P.M.