

30 June 2006

**EMCOL**  
**MONTHLY MEETING**  
**Minutes**

The meeting was convened in the Palaeontology Museum on Friday, June 30, 2006 at 14:00 hours, with the following agenda:

1. Adoption of the minutes of the previous monthly meeting
2. Project activities
3. Equipment procurement activities
4. Other matters

**1. Adoption of the previous monthly meeting's minutes**

Minutes of previous minutes with suggested changes were adopted.

**2. Project activities**

(i) Namık Çağatay informed the meeting on the “Deep Sea Floor Frontier” workshop held in Naples during June 1-2, 2006. This workshop was organized by ECORD (European Consortium for Ocean Research Drilling) to prepare a science plan for an integrated study of the deep sea floor and its history. Six different working groups were set up to prepare reports in the following areas:

1. History, monitoring and prediction of geohazards
2. Fluid seeping and bacteria
3. Climatic control and feedbacks in the deep sea environment
4. Development and conservation of deep sea ecosystems
5. Deep sea landscape-sediment transport and fluxes
6. Sustainable exploitation of deep sea resources

The reports will be combined into a single report and will be used as an unified, umbrella policy when applying for project funding to European and national funding agencies. During the meeting Dr. Alan Edwards from EC FP Office in Brussels presented useful information about the possibilities of EC FP projects in Ocean Sciences.

(ii) Several scientists from EMCOL participated in ICDP (International Continental Drilling Programme) Lake Van workshop held in Van 100. Yıl University during June 6-9, 2006. The meeting was attended by wide international participation. The drilling project proposal was discussed in the workshop. EMCOL and its facilities relevant to the project was presented by Namık Çağatay at the workshop. It is anticipated that EMCOL's core analytical facilities will

be used extensively during and after the drilling in Lake Van. If all goes well the drilling is expected to take place in 2008 or 2009.

(iii) Work is underway to prepare the second progress report of the project “Seismic Risk Assessment in the Marmara Sea” supported by the Greater Istanbul City Municipality (İBB). The report is due by July 15, 2006.

(iv) Emin Demirbağ informed that the field work for the geoarcheological project in Lake Hazar will take place probably in September 2006.

(v) Within the context of the EC - Marie Curie Excellence project of Aurelia Hubert Ferrari (coordinator) “Seismic Cycles of the Anatolian Faults”, a team from Belgium will start working in lakes along the North and East Anatolian Faults in early July. They will be mainly recovering short cores from these lakes this summer.

### **3. Equipment procurement activities**

- Boat with engine, trailer and accessories arrived on 29 May 2006. A training session was held in the small lake on the campus on the use of the boat on 7th June 2007. Emre Damcı is has completed the procedures to get a license for boat and the trailer.

-“Kingdom Suite”, an important seismic interpretation software, have been installed in a computer located in the EMCOL student office. This software can be installed in different computers, but operates with a key that can be circulated between different users in EMCOL.

- DGPS has been received and tried by Emin Demirbağ and Emre Damcı on the campus on a car. It reacts adequately fast to coordinate changes on a moving vehicle and has an accuracy of  $\pm 1$  m which suitable for EMCOL use.

- *Admiral* navigation software is being purchased. The company did not accept the letter of credit (LC) as a payment method. Acceptable means of payment is being negotiated with ITU’s accounting office (Döner Sermaye İşletmesi Müdürlüğü).

- Attachment device for the transducer to the boat is being manufactured in the industrial complex.

- Underwater vibrocorer: VT-1 model has been ordered and a LC has been prepared by the ITU accounting office.

- Preparations are underway to order MSCL (Multi Sensor Core Logger). However, EMCOL needs a licence from the Turkish Atomic Energy Organization (TAEK) and the second year EMCOL project funds from Brussels before placing the official order for the equipment.

### **3. User fee for different analysis and equipment in EMCOL facilities**

The user fees for different equipment and analyses were discussed in the meeting and the appended fees for outside users were accepted. These fees were set up considering the user fees quoted by TÜBİTAK’s Marmara Reserch Centre and other international laboratories, recommendations made by equipment supplier companies, cost of the equipment, depreciation, maintenance and consumable costs, and the deductions made by ITU accounting office (Döner Sermaye) according to the Turkish financial rules. The user fees are subject to change as EMCOL gets more experience in running the equipment.

Emin Demirbağ will later calculate the fees for the rental and use of the seismic equipment with different options.

#### **4. Other matters**

- Two half-day training sessions for the use of TOC/TIC analyzer were held under the instruction of an engineer from Anatek (supplier company) in the Geochemistry Lab in the last two weeks. The sessions were attended by Ummuhan Sancar, Sena Akçer , Demet Biltekin, Gül Sürmelihiindi, and Lisa Doner. Training sessions will continue with chemist from Anatek.

- Training for the INNOMAR SES-2000 subbottom profiler will be provided by two engineers from Germany during the second half of July 2006.

- A MSCL (Multi Sensor Core Logger) training course will be given to research assistants Emre Damcı, Kadir Eriş and Gökhan Şans by Dr. Jens Grutzner in Bremen in August or September, 2006. Jens is expected to give a short course on the MSCL in EMCOL in November after the arrival of MSCL.

- Sebastian Krastel will give a short course during October 2006 on Kingdom Suite seismic interpretation software.

The meeting was adjourned at 16:00 o'clock.

## APPENDIX TO MEETING MINUTES (JUNE 30, 2006)

### EQUIPMENT USER FEES

#### Core Analyses Laboratory

ITRAX Core Scanner analysis per hour: 25 Euro

#### Geochemistry Laboratory

Total Organic Carbon (TOC) analysis per sample: 40 Euro

Total Inorganic Carbon (TIC) per analysis sample: 40 Euro

TOC + TIC per analysis per sample: 60 Euro

#### Sedimentology Laboratory

Laser particle analysis per sample: 10 Euro

#### *Sample preparation:*

1) Freeze drying per sample: 1 Euro

2) Sample grinding-homogenization per sample: 2 Euro