

14 June 2007

**EMCOL  
TENTH MONTHLY MEETING  
Minutes**

The meeting was convened in the Tectonics Laboratory on Friday, 14 June 2007 at 15:00 hours, with the following agenda:

1. Communication items
2. EMCOL's project activities
3. EMCOL's Labs and Field facility
4. Training
5. Other matters

**1. Communication items**

Namık Çağatay informed the meeting with following developments.

· The second progress report (including 2nd Activity Report, 2nd Management Report, Audit Certificate, Summary Financial Report - Form C (covering the 1st, 2nd and overall project), Deliverables – each with the electronic CD and hardcopy versions) was mailed to the EC

project office on 15 June 2007. Confirmation of the receipt of the documents was received by e-mail from Celina Pastor, Inco Single Entry Point in the EC office on 1 June 2007.

· The Turkish Quaternary (TURQUA) Symposium organized by EIES was held in İ.T.Ü. during 16-18 May 2007. EMCOL was represented in the Symposium with two oral and two poster presentations.

· A meeting has been held with the Governor of Istanbul Muammer Güler and the Director of Earthquake and Foundation Department of the Istanbul Municipality (IBB) in the office of the Governor on 12 June 2007. The summary results of the Marnaut project was presented.

**2. EMCOL project activities**

The following project activities concerning EMCOL were reported:

· MARNAUT project cruise was carried out in the Sea of Marmara between 12 May and 11 June 2007 in two legs, using the French RV L'Atalante, submersible Nautille and ITU's RV Seismic-1 (two days). A total of 10 EMCOL scientists participated in the cruise. Important data and samples were recovered during the cruise, including visual observations, fluid, sediment, rock, carbonate crust and bacterial mat sampling along the North Anatolian Fault using the Nautille and the kullenberg and interface sediment corers onboard RV L'Atalante. All data and samples were brought to EMCOL for onshore studies.

· It seems possible to obtain a letter of mandate from Turkish Government Planing Organization (DPT) for the EMSO (European Multidisciplinary Seafloor

Observation) EC-FP7 project proposal. A letter has been sent to DPT to obtain such a support letter.

- During the meeting with the Governor of Istanbul and the Director of Earthquake and Foundation Department of the Istanbul Municipality (IBB), the need for a preparatory seafloor observation station in the Izmit Gulf as formulated in the previous EMCOL's project proposal was discussed. There is a possibility that this proposal will be funded.

- Seismic Cycles project (EC - Marie Curie Excellence project): The following field work schedule has been decided after discussion with the Belgium Royal Observatory group

- a) 18 June to 4 July: Seismic survey in Lakes along the North Anatolian Faults: Ladik and Boraboy (Samsun), Zinav, Göllüköy (Tokat, Reşadiye), Gölova-Aşağıtepecik (Sivas, Gölova)- and Yeniçağa (Bolu) lakes. Emre Damcı from EMCOL will participate in the survey. EMCOL's subbottom profiler, GPS and Navigation software will be used for the survey.

- b) 13 July – 5 August: Lake Hazar (Elazığ ) seismic survey and coring work. Emre Damcı, Sena Akçer, Umut Barış Ulgen and Gül Sürmelihindi will participate in this work. EMCOL's platform, boat, subbottom profiler and hammer corer, together with the truck of the faculty of Mines will be used for this campaign. EMCOL scientific team will join field work on 23 July 2007.

- c) 6 August-30 August: Coring in the lakes (under item 1) along the NAF. Dursun Acar and in part Sena Akçer from EMCOL will participate in these field work. EMCOL's platform, and hammer corer, together with the truck of the Faculty of Mines, will be used in this work.

- Tsunami project EC project with the Istanbul University: A seismic survey and coring campaign will be carried out in the Küçük Çekmece Lake during 5-12 July 2007. Sena Akçer, Emre Damcı, Dursun Acar, Gül Sürmelihindi and Nil İrvalı will participate in the field work. EMCOL's platform, boat, subbottom profiler, GPS and Navigation software, hammer corer, vibrocorer, together with the truck of the Faculty of Mines, will be used in this campaign.

### **3. EMCOL's Labs and Field facility**

Because of the field studies, EMCOL labs will not be used much during the summer season, except for the XRF core scanner analysis of the two newly collected Gemlik Gulf cores. The field equipment facility is almost ready for the lake field sampling. An electrical winch is being manufactured and an engine will be purchased for the platform.

### **4. Training course**

A training course was given by Dr. Luca Gasperini of CNR-ISMAR, Bologna on the SEISPRO (seismic processing software) and CHIRCORE (Chirp-core correlation software) in EMCOL during 13 June 2007. The course was attended by

EMCOL and Eurasian Institute of Earth Sciences research assistants.

There were no other matters for discussion. The meeting was adjourned at 16:45.