

26 February 2008

**EMCOL
MONTHLY MEETING
Minutes**

The meeting was convened in the EMCOL meeting room at 16:00 hours on Wednesday, 26 February 2008, with the following agenda:

1. Communication items
2. EMCOL project activities
3. EMCOL labs
4. Other matters

1. Communication items

Namık Çağatay informed the meeting with the following communication items:

- The Advisory Committee meeting of EMCOL has been fixed 21-22 April 2008
- EMCOL graduate students Emre Damcı and Dursun Acar participated in the ESONET training short-course and best practice workshop held in Bremen during 27-30 January 2008 and presented a poster each. Namık Çağatay presented a talk in the ESONET training workshop on the Marmara-DM ESONET project planned in the Sea of Marmara for earthquake monitoring.
- Namık Çağatay presented a seminar on “Deniz ve Göllerde Çökel kayıtlarının analizinde kullanılan jeokimyasal yöntemler: Geochemical methods used in the analysis of sedimentary records” in the Eurasia Institute of Earth Sciences on 11 February 2008.
- Prof. Laurent Labeyrie (Université Versailles St-Quentin and Laboratoire des Sciences du Climat et de l'Environnement Domaine du CNRS, Gif/Yvette) visited EMCOL during 18-23 February and delivered a short course on “*Geochemical tools/proxies in paleoceanography and paleoclimatology*” and the traditional Ketin Lecture. The short course was attended by all EMCOL graduate students as well as some others from the university. The short-course and exercises on the software Analyseries were found to very useful.
- An article, introducing EMCOL to Science community and general public, was published in the weekly popular science/technology magazine “Cumhuriyet Bilim ve Teknoloji” on 15 February 2008, No. 1091, pp.10-11.

2. EMCOL project activities

There have been three new project proposal initiatives of EMCOL:

1. “*Analysis and dating of earthquake sedimentary records in the Sea of Marmara*” submitted by EMCOL to the National Geodesy and Geophysical Union (TUJJB) for funding.

2) *HYPOX: In situ monitoring of oxygen depletion in hypoxic ecosystems of coastal and open seas, and land-locked water bodies*. Submitted to EC FP7 Call ENV.2008.4.1.2.1. Monitoring and observing oxygen depletion throughout the different Earth system components: Area 6.4.1.2. Cross-cutting research activities relevant to GEO. Coordinator Prof. Dr. Antje

Boetius, Coordinating institution: Max Planck Institute for Marine Microbiology. EMCOL is Partner 9 and the leader of WP4 “Deciphering long term records of hypoxia dynamics”. EMCOL will carry out sediment core analysis in the Black Sea for the records.

3) *DEPREM: Dynamic Environment for Probabilistic Seismic Hazard Evaluation: Marmara test area*. Submitted to EC FP7 Call “ENV.2008.1.3.1.1. Proposal number: FP7-226932. Coordinator Prof.Dr. Atilla Ansal, Boğaziçi University. EMCOL is involved in offshore sedimentary earthquake records under WP3: Organization and homogenization of existing data.

We are also planning to submit a proposal entitled “*EMCLIME: Eastern Mediterranean Climate and Environmental Changes*”. Call FP7-REGPOT-2008-1. We aim to develop labs for stable isotope and alkenone analyses and train young scientists in the field.

3. EMCOL’s Labs and Field facility

Core Analysis Laboratory

The cooling unit of XRF Core Scanner malfunctioned. The Cox Analytical was contacted. They suggested cleaning of water filter, which was done and the cooler is now working properly.

Can Genç informed that the X-ray tube is near its life span and should be replaced.

Field-Equipment Facility

A new water sediment corer and a hammer/piston corer was constructed.

EMCOL Meeting Room

The meeting/seminar room for EMCOL was completed with all its display (data-show-projection) facilities by 16 February 2008 and was used for the short course run by Prof. Laurent Labeyrie. It is also being used for graduate studies and seminars.

There were no other matters for discussion.

The meeting was adjourned at 17:25