



**Istanbul Technical University  
Environmental Engineering Department  
Advisory Board - Minutes of the Meeting  
2014-2015 Spring Semester**

**Date:** 09 April 2015

**Place:** ITU\_ EED\_ K305

**Names of the Attendees (Graduation year from EED) from the Advisory Board:**

Aslı Özabalı Sabuncugil	(BSc 2002_ITU)
Aslıhan Kerç	(BSc 1993_ITU)
Esra Bozyazı Daylan	(BSc 1988_ITU)
Funda YILMAZ	(BSc 1994_ITU)
Gökşin Özyıldız	(BSc 2012_ITU)
Özge Tunçel	(BSc 2012_ITU)
Seda Özdemir	(PhD 2013_ITU)
Suphi Altan	(BSc 2013_ITU)
Şeyda Eskici	(BSc 1985_ITU)

The advisory board meeting which was scheduled as a routine for each semester (twice in an academic year) was held with the attendance of the above mentioned advisory board members as well as Environmental Engineering Department faculty.

Upon the suggestions; the following issues have been discussed/concluded in the context of Assessment and Evaluation (A&E) process of ABET Continuous Improvement studies.

- A detailed summary on the activities and efforts in the frame of the program continuous improvement process was shared with the board members. The new curriculum as accepted by the University Senate and the changes in terms of the courses were shown.
- They were informed that the Environmental Engineering Undergraduate Program (EEUP) has been accredited (2010-2016) and will apply for the new cycle in 2016. They were also informed about the internal evaluation report that would be submitted to the Dean of Civil Engineering Faculty in May, 2016 for the initiation of the new ABET Accreditation Cycle, and a visit is expected by ABET Evaluation Team during November 2016-January 2017.
- A course focusing on 'Contemporary and Emerging Issues' should be included in the Env. Eng. Undergrad Program (EEUP) curriculum at least to create an awareness on follow-up of current environmental activities. From this point of view, a new course was suggested under the name of "Current/Special Topics in Environmental Engineering" addressing the innovations in the legislation, various new concepts like carbon footprint, water footprint, odor control, etc. The course should be given by different faculties to cover new emerging and challenging issues with a dynamic understanding.
- Studies on green buildings are currently limited to the professional area of the School of Architecture. Environmental Engineers should be more counted among the stakeholders. Moreover, this subject was recommended to be included in one of the courses to be competitive in the field.
- The Graduation Design Project should be redesigned to cover all aspects of Environmental Engineering. This would help to broaden the expertise area and even

the extent of motivation of the students. The idea should be realized by an additional project similar to the past years' application if the structure of the Graduation Project cannot be redesigned.

- Odor control should be included as a part of the Graduation Design Project.
- The unsatisfactory level of the ability of the graduates in reading the engineering drawings should be covered in the course of Technical Drawings. The theoretical basis of the engineering drawings should be given in detail in Technical Drawings, and this course should be structured in a way, so that the graduates will have the ability to size and draw the designed project precisely and to understand/read the engineering drawings accurately.
- AutoCAD applications in the courses like 'Computer Aided Technical Drawing', 'Technical Drawings', 'Graduation Design Project', and 'Pumping Stations' partially satisfy the needs of the professional engineering service. As one of the engineering tools, AutoCAD application is given at ITU Life Long Learning Center as a part of continuous education concept for those who want to improve and develop his/her skills.
- Many graduates are facing so many legal drawbacks due to lack of understanding and following the local, national and international environmental legislation. This issue should be strengthened especially in the course of "Environmental Law". The law experts have insufficient knowledge on environmental legislation, so they cannot always act as problem solvers. It is important to educate the students to be able to perform at the interface of Law-Environment, to follow the variations in the legislations, especially in our country where the frequent legislation changes take place.
- The seminars by the experts from different sectors will be useful for sharing their experience with the students. This will help the students to be well-equipped in their professional life.
- The agreements on internship with different companies will provide new job alternatives for the students.