

ANNUAL REPORT From JSCE, TURKEY SECTION

From Apr. 2007 until Mar. 2008

Establishment

The JSCE Turkey Section was established in, 2007 with Dr. Zeki Hasgür who is the first current Section President. The Turkey Section was intended to serve as a bridge and inspire more active, more effective communication between Turkey and Japan civil engineering industry. The current Turkey Section has only 8 members.

Turkey Section Activities during fiscal year 2007:

- 1) October 16th -20th, the 6th Turkish National Earthquake Engineering conference was held in Istanbul. Former President of JSCE, Prof. Dr. Masonori Hamada attended to this conference and gave an important speech as the invited speaker.
- 2) Some of the Japanese Civil Eng. also attended to this conference submitting valuable papers. Also Dr. Hasgür, presented two papers in this conference.
- 3) 2007 September 19th, editorial staff of the journal of the JSCE visited Turkey Section in Istanbul at the Technical University. Dr. Amano from Kajima Corporation, and Ms. Kato representing members of editorial staff, accompanied by Asst. Project Manager Sakaeda from Avrasya Consultant Com., they shared technical information of the experimental researches from ITU, Earthquake Structure Laboratory.

Turkey Section Scheduled Activities for fiscal year 2008:

First Turkish& Japanese Technical Collaborative Symposium-I ,was successfully performed in Istanbul Technical University on 5th of June 2008. Symposium was planned mainly in two stages as being remembrance of the first pioneers of the Turkish Earthquake Engineering and Engineering Seismology; such as Professors Dr. Hagiwara , Dr. Otani, Dr Umemura, Dr. Rikitake , Dr. Kubo and secondly to share the the experiences gained from the the great projects conducted by Turkish and Japanese civil engineers as Hasan Ugurlu-Suat Ugurlu Dams, Fatih Sultan Mehmet Suspension Bridges and Submerged Tunnel- Marmara Project by Taisei firm.

Contribution to the symposium from Turkey, and Japan as academicians and civil engineers was at the high level. Over 75 to 100 person attended to the symposium even though it was first symposium for this kind of activity. Prof. Dr. Masanori Hamada (Waseda Univ.)-Policies for creation of safe and secure society against global increase of natural disasters by Science Council of Japan, Prof. Dr. Hisataka TANO (Nihon University)-Investigation of Babadağ landslide and some implication measurements before hazard mitigation, Prof. Dr. Ömer AYDAN (Tokai University)-A study of antique Derinkuyu Underground City and its importance today, Assoc.Prof.Dr. Junji KYANO (Kyoto Univ.)- Early warning system and vehicle behaviors on highway during an earthquake) from Japanese side and Emerituous Professors, Dr.

Silva Büyükasikoglu - Contribution of Japanese Academicians -Dr. Hagiwara -formerly visiting İTU-I Dr. Muzaffer Ipek, Contribution of Japanese Academicians -Drs. Otani, Umemura -formerly visiting İTU-II and as the members of Turkey section, Prof. Dr. Zeki Hasgür (President of JSCE Turkey section-İTU)- Contribution of Japanese Academicians -Dr. Kubo -formerly visiting İTU-III), Prof. Haluk Eyidogan(İTU), Contribution of Japanese Academicians -Dr. Rikitake-formerly visiting İTU-IV Prof.Dr. Halil Kumsar (Pamukkale Univ.)- Multi-parameter measures system for earthquake prediction in Denizli Basin, Prof. Dr. Resat Ulusay (Hacettepe Univ.)- Stress measurements of earth crust by AE Method and Engineers Erdoğan ÖZORAL (General Directorate of State Hydrolic Works-7. Regional Directorate) -Collaborative dam projects in Turkey: Hasan Uğurlu Dam,Yakup Dost &Erdoğan Dedeoğlu(General Directorate of Highways-17. Regional Directorate) Design and construction stages of Fatih Sultan Mehmet Bridge were presented as the main items of symposium.

2- Technical Site Visit to the retrofitting of Ortaköy viaducts and other bridges arranged by the construction firm **Japan Bridge &Structure Institute Inc.** after the symposium.

3-Some of the Japanese codes and technical documents for the members who are interested for the related fields were sent by JSCE library.