O8-12	EARTHQUAKE DATA SERVER OF THE SEISMOLOGICAL LABORATORY IN KOERI

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This is an informative presentation announcing the database of the Seismological Laboratory of Kandilli Observatory and Earthquake Research Institute (KOERI) serving phase, catalogue and waveform data to the earth scientists from Turkey and all over the world through the Internet facilities located at www.koeri.boun.edu.tr.

The data is gathered from a seismic network comprised of 54 stations covering whole the country including the analogue conventional, radio-link and on-line types, the digital short period SSR1 and broad-band stations enabling one to recover the ground motions with periods up to 360 seconds. The analogue radio-link stations are replaced with broad-band digital ones.

Mainly three kinds of seismological data is supplied: phase readings, catalogue and waveforms. The phase readings cover the period from 1990 till present suitable for tomographic and 2-D crustal structure studies. Hypo71 header file is given along with the phase readings for those interested in relocation studies. Both historical and instrumental period catalogues are supplied. The historical events cover the period 2000 BC till 1900 and the instrumental period catalogue includes the earthquake parameters of about 70 thousands events that have been taking place in Turkey and its surroundings since the beginning of this century. Although the depth of the events are highly disputable there are several examples showing their reliability. Waveform data from two broad-band stations is supplied for events with M=4.5 or greater. The data is in suds format suitable for use in PC and UNIX machines. One of the broad-band stations is ISP (Isparta) equipped with STS1 seismometers and the other one is ISK (Kandilli) station where CMG-3T seismometer is deployed. The detail on handling the data is given in a read-me file.