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## **Development of a Shake Map Archive for Recent Earthquakes in Turkey**

C. Zulfikar, Z. Cagnan, K. Sesetyan, M. Demircioglu, E. Durukal, M. Erdik  
Bogazici University, Istanbul, Turkey (can.zulfikar@boun.edu.tr / Fax: +90 216-3080163).

USGS developed Shakemap has been installed and implemented in the Earthquake Engineering Department of Kandilli Observatory&Earthquake Research Institute, Istanbul. The long-term objective of the project is to prepare and make public shakemaps for all major earthquakes with  $M > 5.0$  that will occur in Turkey. The purpose of the present study is to develop a Shake Map archive for recent major earthquakes in Turkey and to publish this archive through Kandilli Observatory & Earthquake Research Institute web site. The available information of magnitude, hypocentral location, fault rupture parameters, and local soil conditions have been used to develop shakemaps. The resulting shakemaps provide the distribution of intensity, peak ground acceleration and velocity, perceived shaking and potential damage. The results are compared with existing intensity maps.