TURKISH DISASTER DATA BANK (TABB)

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Turkey faces various types of natural events due to its geographical location. These events cause significant damage on social and economic systems of the country. The "Turkish Disaster Data Bank (TABB)" project is conducted by METU Disaster Management Centre for the Turkish Disaster and Emergency Management Presidency (AFAD) to collect the available materials and sources of natural disasters in the same portal. TABB also enables researchers to analyze historical data on disasters.

In TABB, disaster documentation and data analysis module meet in the same platform. Documentation part contains electronic books, institutional reports, theses, articles, pictures, videos, presentations, audio-materials, periodical publications and materials for disabled. Non-Electronic materials are also included in the archive by providing their location (physical or web address). In the analysis module, TABB provides some statistical analysis such as graphs, maps and reports. Researchers can produce basic statistical analysis of the specific data, which they can choose from the database and also download the xml format of the requested data to make further analysis. Figure 1 is the entry page of TABB system, Figure 2 provides a snapshot of the documentation module and Figure 3 is the entry page of the analysis module.

As of August 2014, TABB has 300 user registration and over 150000 documents uploaded. It is a system to enlarge and improve in time by participation of disaster related actors such as state institutions, NGOs, academicians, individuals and private sector. TABB is a bilingual system available both in English and Turkish.

TABB aims to contribute capacity building during disaster preparedness and mitigation stages of disaster management. Knowledge sharing and use of disaster data for scientific analysis help to improve mitigation strategies and policies to prepare stronger for future events.

Figure 1. Welcome Page
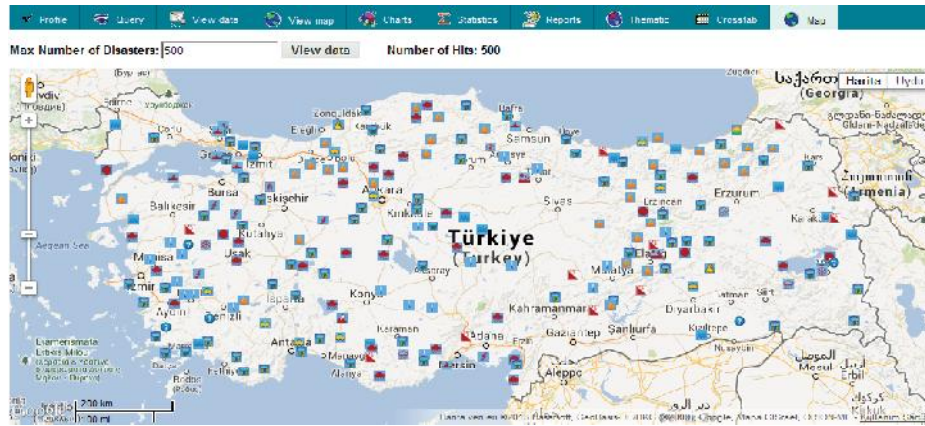
Figure 2. Keywords, Disaster Types

Figure 3. Analysis module welcome page

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