

CAPACITY BUILDING ON SPATIAL DATA PRODUCTION AND EFFECTS TO THE PROJECTS

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SUMMARY

Information and technology in today's world of rapid development, has become an integral part of our lives, cannot be ignored in this direction has become increasing needs and demands. This is very difficult to respond quickly to problems brought about by the trend. Technological developments and to adapt to keep information current at the time, is very important in order to meet the needs of consumers.

The General Directorate of Land Registry and Cadastre (TKGM) which is the leader in the field of cartography largely continues its missions which are; to keep and update land registry and cadastre system of the country under the responsibility of the treasure, to perform transactions related to real estate and to establish Turkish national spatial information system.. TKGM a public agency, has completed many projects. Such as; Continuously Operating GPS Reference Stations (TUSAGA-Aktif), Geo-Metadata Portal (HBB), Orthophoto-Base Map Production and web services, Completion of Initial Cadastre, Cadastral Renovation Project (TKMP), Land Registry and Cadastre Information System (TAKBIS), Turkish National Spatial Data Infrastructure Project (TNSDI), Ottoman Land Registry Archive Information System (TARBIS). TKGM provides updated map and map information to not only public institutions but also to related society in the name of social responsibility principals.

Spatial data management and production costs are quite high compared to the present developments are examined in the light if we should not be difficult to guess. Of any business, without disclosing the costs have been unable to sustainability as an effective management failed to. The effects of Technological Developments to the Spatial Data Production and reflection to social life and data production cost are indicated in this paper by comparing 2003-2004 Marmara Earthquake Emergency Reconstruction Project (MEER) base map production and 2008-2011 Mapping Department (HDB) different base mapping projects indicators.