

Institutional Policies on Geographical Information System (GIS) Studies in Turkey

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SUMMARY

New technologies can be applied in every branch of occupations nowadays called information age and save time, labor and cost for the users. Founding Information System interesting all occupation branches is one of the most popular work field.

The studies on founding and applying spatial based Geographic Information System (GIS) by both private and government institutions in our country are increasing rapidly. Today GIS or Urban Information System (UIS) applications are being used by various institutions such as TAKBIS (Turkish Land Registry and Cadastre Information System), MERNIS (Central Population Information System) and E-DEVLET (Electronic-State) but in the past it was only mentioned. However, these applications cause confusion in terms of data standardisation and institutional benefits. Namely, Urban Information System used by municipalities is not coordinated with the GIS used by Turkish Land Registry and Cadastre and other institutions. The fact that there is not an accurate database prevent to establish an institutional structure, to share information, and to coordinate today.

In this study, the applications which are called GIS in Turkey were examined. The institutional approaches re-organizations, coordination and data standarts were studied and we suggested new approaches.