

# Seamless Digital Cadastral Map and Geodetic Infrastructure in Turkey.

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**Key words:** Cadastre; Digital cadastre; Geoinformation/GI; GNSS/GPS

## SUMMARY

In this paper, General Directorate of Land Registry and Cadastre's (GDLRC) seamless Digital Cadastral Map and Geodetic Infrastructure in Turkey will be explained. GDLRC has achieved a web based digital land registry and cadastral database and a RTK GNSS Network in last ten years. This geoinformation infrastructure is in international standards.

Seamless Digital Cadastral database of Turkey is consist of more than 56 millions of integrated land registry and cadastral data. This GIS based system is called TAKBİS (Turkish abbreviation of Land Registry and Cadastre Information System). TAKBİS is accepted one of the most important e-government system in Turkey with its web based data sharing applications. Most of the cadastre works completed and renovated in last fifteen years.

Geodetic infrastructure of Turkey is an RTK GNSS Network is called CORS-Tr. CORS-Tr consists of 146 GNSS stations across the Turkey and 8000+ RTK rovers use CORS-Tr in geospecial market.

Turkey also covered with high resolution orthoimages in last five years.

Turkish cadastre is now planning to transfer to 3D cadaster and 3D city models.

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