

REGISTRATION NEEDS IN THE THIRD-DIMENSION CADASTRE

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All over the world the population and population density is growing especially in the urban area. As a result of this, land surface and subsurface is used for the residential and commercial purposes and public services. Turkey's national cadastre services are carried out by The General Directorate of Land Registry and Cadastre (TKGM) according to the principles of The Cadastre Law, Number 3402. The cadastral works and land registry activities focus to the two-dimensional ownership in Turkey, but a lot of activities have three dimensional ownership structure, like subways, pipelines, communication lines, underground shopping centers and car parks ect. As a result, a lot of registry problems occur in the land registry offices and other public organizations. Turkish cadastral works have been completed across the country by the Land Registry and Cadastre Organization. The Organization has to be draw a new road map and the new roadmap should include a three-dimensional cadastre. In this study, current cadastral system in Turkey was briefly evaluated in the light of three-dimensional ownership. Some determinations were made about of three-dimensional ownership activities.

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