

LAND RECORDING OF OBJECTS SUBJECT TO 3D CADASTRE IN TURKEY

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Turkey have been encountered the fact of densely urbanization with population growth particularly since 1950. At the present day, even though the population of some cities is steady or decreasing population of some cities is increasing rapidly. In Turkey, especially to meet the growing demands of living in big cities and to give them better services, multidimensional use of urban land such as water, wastewater, electricity, natural gas, metro, underground bazaar etc. structures are built. Since land recording and representation in Turkey are mostly done in 2D, 3D representations of such structures can be remained incapable. Three-dimensional cadastral information requires 3D cadastre of property rights, 3D planning and construction of surface and underground engineering projects, land management, life and goods safety. In this study, in structures subject to 3D cadastre problems of property, registration and representation are explained by different example cases.

Keywords 3B Cadastre, Property Rights, Subsurface/Utility Cadastre, Easement.