

INVESTIGATION OF USING ORTHOPHOTO AND HIGH-RESOLUTION SATALLITE IMAGERY FOR CADASTRAL RENOVATION WORK IN TURKEY

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With technological developments in recent years that a case should regularly updated cadastral living has become more apparent. Especially if orthophotos and availability of high-resolution satellite images of the cadastral cadastre can be constantly kept up to date renovations to the country. For this purpose, Konya, Adana and Şanlıurfa in 3 pilot areas were selected. Detail using GPS reception method has been applied to this area in Corsi. 1/1000 and 1/2000 scale orthophotos in Konya, Şanlıurfa in 1/5000 and 1/5000 scale in the orthophotos in Adana, WorldView-2 coordinates using high-resolution satellite imagery, ERDAS program were obtained. Assuming correct geodetic coordinates compared with the data obtained from digital orthophotos positional accuracy and tried to determine the accuracy of the cadastral areas. The cost analysis was also performed for the three methods. Found comments on the availability of these results in light of the cadastral renewal orthophotos and high-resolution satellite imagery.

Keywords : Cadastre, renovation, orthophotos, high-resolution satellite imagery