

UTILIZATION OF CLOUD COMPUTING FOR PRESENTATION OF CADASTRE DATA

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Recent developments in Cloud Computing (CC) technology affect Computer Aided Design (CAD) and Geographical Information Systems(GIS). Due to harmonization of these technologies a new area called Spatial Cloud Computing (SCC) has been emerged. CAD and GIS are essential tools for a Cadastre application. SCC will bring efficiency and velocity to process of Cadastre applications done by government or private sector. Internet's accessibility will make spatial, non-spatial file shares easier and faster. As an example a surveyor in land may easily access be maps, satellite views or any data which he needs, without any obligation of going to office or any where else. This access can be possible with smart phone, tablet or laptop. Just necessity is internet connection. With SCC user will be able to view, edit or share cadastre data or land title independent of installing any CAD or GIS software. In this paper all the investigations SCC brings to cadastre and related works.

Keywords Cloud Computing, Spatial Cloud Computing, Cadastre, GIS