

Title: Future infrastructure inspection using Geotagged photo

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Recently, mobile devices such as iPads and android smartphones as well as cloud services such as "Google drive", "Dropbox", "iCloud" has many users around the world.

Additionally, mobile devices and some digital cameras can attach GPS data to photos.

Therefore we propose a future infrastructure inspection method using those devices and services.

First, an inspector takes some geotagged photos using a tablet. Second, the inspector sends the photos to a cloud service. The cloud service lets the inspector view the photos on both his tablet and office PC.

Third, the photos are analyzed using an office PC. Fourth, the analyzed data is used for the next inspection.

In this paper, we used a YOGA TABLET 8(lenovo) and the cloud service is "COPY" and "Open street map" the map service.

