

# **Development and Challenges of the Mobile-Based Population and Housing Census Mapping System**

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## **Abstracts**

Like other National Statistical Offices, Statistics Korea strives to address modern challenges in census environments including deteriorating survey environments and demands for efficient survey taking. The technological advances, particularly in the use of tablet PC equipped with GPS for data collection, are extremely important for the adequate planning of the 2015 Population Census. Statistics Korea has a plan to utilize GPS/GIS technology in pilot surveys in 2012 & 2013, pre-survey in 2014, and the 2015 census in order to reduce survey expenses and improve efficiency. This paper will discuss the issues and challenges of the mobile-based census mapping system of population and housing census.

**Key Words:** CAPI, Census mapping system, Data collection, GIS, GPS, Mobile