HALAMAN PENGESAHAN

# PEMANFAATAN APLIKASI SIPILOT UNTUK PEMETAAN DESA LENGKAP DI DESA KOKOSAN KECAMATAN PRAMBANAN KABUPATEN KLATEN PROVINSI JAWA TENGAH

(Kantor Pertanahan Kabupaten Klaten)

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# ABSTRACT

Complete Village is one of the forums to reduce disputes and land issues that can provide certainty and guarantee for fields and maintain the continuity of maintaining land data. The purpose of this study was to determine the efforts of the land office of Klaten Regency to transfer technology to the community, village officials and youth organizations so that they could carry out the data collection process in the field and the admin could process spatial data on the Silot application with the GPS feature.

This study also aims to determine the usability of the Silot application. This research is a mixed research method, namely research by combining quantitative and qualitative approaches. Data collection techniques carried out by researchers are data collection techniques through observation, interviews and distributing questionnaires. The data analysis technique of this research is qualitative data analysis and quantitative data analysis.

The results of this study indicate that the technology transfer process from the Klaten Regency Land Office is provided through socialization and fieldwork to BPN admins and village officials and the manufacture of manual books. The process of collecting spatial data in the field using the Silot application with the GPS feature is the Village Apparatus who comes to the location then logs in and plans and fills in all data needs. The spatial data processing process is by processing the KW4, KW5 and KW6 land parcels through the AutoCAD application and also in the Computerized Land Activities application, these activities are carried out by entering the Dashboard Menu Simultaneous Plotting Movement (GPS), the Object Data Labeling (ODL) process through the Autocad Application. to overlay the registration map, change KW4, KW5 and KW6 to KW1, KW2, also KW3. The results of the application usability test show that the Silot application is suitable for use and reference because it has met the requirements of the USE Questionnaire, with value 76.9%

**Keywords:** *Utilization, Sipilot, Complete Village Mapping.*