

Topic: "Transforming Population Census in Kosovo: The Synergy of GIS and CAPI for Enhanced Data Collection"

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Abstract

In 2024, Kosovo embarked on an innovative census process, leveraging cutting-edge Geographic Information Systems (GIS) and Computer-Assisted Personal Interviewing (CAPI) technologies. This paper presents a detailed overview of how the integration of GIS and CAPI transformed the traditional census methodology into a fully digital operation, ensuring higher data quality, real-time monitoring, and streamlined data collection. The synergy between these two technologies not only enhanced the efficiency of the census operations but also empowered decision-makers with timely and spatially accurate data for planning and policy development. Geographic Information System (GIS) provides very powerful data management functionalities allowing users to explore, analyze, describe and communicate population census products according to their own data and information demands. Geocoded census data allows analysts and planners to undertake policy analysis, planning and research that can more readily identify thematic and geographic priority areas and thus contribute to evidence based and better-informed policy and decision making at different levels of geography.

Key words: Population and Housing Censuses, Data, Geocoding, Spatial analysis, CAPI, Data collection, Digital transformation, Data accuracy.