

# **Live Water Demand Management Using Geospatial Dashboards and GNSS-Enabled Smartphones**

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**Key words:** GNSS/GPS; Keyword 1; Keyword 2; Keyword 3

## **SUMMARY**

Ghana Water Limited (GWL) is responsible for the production, distribution, and management of potable water supply in the urban areas of Ghana. Efficient water demand management is crucial for GWL to ensure sustainable and equitable distribution of this vital resource. This paper explores the integration of geospatial dashboards and GNSS-enabled smartphones into GWCL's operations for real-time monitoring and management of water demand, highlighting the benefits, challenges, and potential applications within the Ghanaian context.

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