

# **Infrastructural Improvement in Basic Schools for a Sustainable Formal Education. The Way Forward in GIS Environment.**

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**Key words:** Cadastre; Capacity building; Land management;

## **SUMMARY**

Educational facilities nationwide, are provided by the public, private (individual and religious bodies) sectors. The private sector provides the bulk of these institutions at the pre-school, first and second cycle levels, whereas the public sector is the leader at teacher training colleges and tertiary levels. A major setback to infrastructural development in the Education sector over the years has been the non-availability of lands. The Government of Ghana (GoG) through the Ministry of Education (MoE) acting through the Funds and Procurement Management Unit (FPMU) has received a Grant from the United States Agency for International Development (USAID) towards the cost of providing some amount of infrastructures to improve education delivery in 34 deprived districts in ten (10) regions of the country. Due to the difficulty in land acquisition in the various districts, the opinion leaders and stakeholders from the selected community were consulted in order to make available any vacant land suitable for the project. This was carried by an advance team dedicated for that purpose. This was followed by a reconnaissance survey on all the selected sites by the surveying team. A Cadastral Survey for the entire proposed sites was carried out. All the existing structures like buildings, roads, electricity poles, utilities etc were detailed. Contour maps were generated for the designing and construction of the proposed structures. A Topographical survey plans indicating major landed features has been produced and handed to the client. Plan or maps showing existing buildings and proposed developments were also produced. A database in GIS environment has been created to archive the field data and copies of the site plans that were produced. Keywords: Structures, Global Positioning System (GPS), Education, Demarcation, Survey.