

## **Mr. Carl Michael Ofori-Agyeman**

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### **Mr. Carl Michael Ofori-Agyeman**

Research Scientist, Groundwater Division,  
CSIR-Water Research Institute

Mr. Carl Michael Ofori-Agyeman is a Research Scientist, in the Groundwater Division and in the Tamale

He supervises undergraduate students on their projects leading to their thesis and train them in the basic principles of geophysical investigations in search of groundwater.

He has been the Principal Investigator of a research work on “Assessment of Groundwater Resources in the Northern Region of Ghana” which commenced in 2011 and ended in 2015, and is currently on similar research work “Assessment of Groundwater Resources in the Brong Ahafo Region of Ghana” which is ongoing. The purpose of the study to assess the general groundwater potential and availability in the various rock types in the region for domestic water supply and industrial purposes and also develop an updated composite hydro geological map of

the region. In addition to these research works, he is embarked on another research of “De-salination of Borehole Water Using Local Materials-Case study Northern Region of Ghana”. Being a man of diversity, He intends to focus in due course, research works on Sanitation, Hygiene and Waste Water Management and Utilization. He has forwarded papers on earlier completed research work of the Northern Region for assessment. Below are list of some Consultancy services undertaken for Corporate Institutions, Private Organizations, Non-Governmental Organizations, Individuals

**Consultancy Services:**

- Supervision of 20No. Borehole drilling, design and construction of the boreholes, Pump testing of the 20No.boreholes, Concrete platform construction and installation of Hand pumps on the successful boreholes. (April-June 2018)
- Provision of Consultancy Services for CRS-ICOWASH 2018 Project; Geophysical investigations to select suitable sites for the drilling of 20 Boreholes in West Mamprusi Municipal of the Northern Region of Ghana.(April 2018)
  
- Provision of Consultancy Services for CRS-WAN Borehole Rehabilitation Project in East Mamprusi and Bunkpurugu/Yunyoo districts of the Northern region and Talensi and Builsa North Districts of the Upper East region of Ghana (June-July 2017)
- Provision of Consultancy Services for the Geophysical Survey to delineate high groundwater potential zones to supply sustainable water supply to the Project Site of State Housing Company at Zozugu community, under Sagnalerigu District of the Northern region.(March 2017)
- Provision of Consultancy Services for the Geophysical Survey to delineate high groundwater potential zones to supply sustainable water to Mbiib-Do Guest House in Saboba town, Saboba District (January 2017)
- Provision of Consultancy Services in collaboration with Terrahydro and Associates Ltd for the Geophysical Survey to delineate high groundwater potential zones for PBC Shea Limited, Buipe, in the Central Gonja District of the Northern region of Ghana. (January 2017)
- Provision of Consultancy Services for the Geophysical Survey to select high groundwater potential zones and Drilling Supervision in four (4) communities (Mbanayili, Chesege, Cheyohi and Kpulinyin) in Kumbungu District of the Northern region for CRS-IWAN Project (July-August 2016)
- Provision of Consultancy Services for the Depth to Water Table Survey for Sugarcane Crop Project at Dipale, Janga, Tolon and Nasia Areas, Northern Region of Ghana (December 2014)
- Provision of Consultancy Services for the Geophysical Survey to delineate High Groundwater Potential Zones to Supply Sustainable Water for Fisheries activities in CSIR-WRI, Tamale office in the Northern Region of Ghana, (November 2014)
- Provision of Consultancy Services for the Geophysical Survey to delineate High Groundwater Potential Zones to Supply Sustainable Water for Nkoranza Water Supply System at Akumsa Dumasi in the Brong Ahafo Region of Ghana. (October 2014)

- Provision of Consultancy Services for the Design and Construction Supervision of Point Sources (IDA-CR No.47890 Project) in Lot 3(Kintampo North Municipal, Kintampo South and Nkoranza South Districts=56 point sources) and Lot 4 (Sene West, Sene East and Pru Districts =38 point sources) in Brong Ahafo Region of Ghana, Organize Site Meetings in both Lots to assess Contractors' performance. April 2014 -October 2014.
- Partnered UpGro (Unlocking the Potential for Groundwater for the Poor-Sub-Saharan Africa) 2014 Consortium Grant Project Proposal writing, with available budget of £7.6M ( DFID, N.E.R.C., UK aid funding interdisciplinary social and natural science research generating evidence and innovative tools to enable developing countries and their partners in Sub-Sahara Africa to use groundwater in a sustainable way for the benefit of the poor) January 2014- March 2014
- Geophysical Investigations to select sites for borehole drilling at National Communication Authority New Office Block, near Regional Coordinating Council, Tamale. (December 2013)
- Provision of Consultancy Services for Hydrogeological Investigations, Design & Construction Supervision of Water Facilities in Brong Ahafo Region- Sustainable Rural Water & Sanitation Project (SRWSP) (IDA-CR No. 47890), March 2013-April 2013
- NORST PHASE 3 Project Component 2, Geophysical Investigations in Saboba & East Gonja Districts (Lot 2) for Small Town Water Supply Systems, Contract No. NORST/SER.310/CTRO.11.10.12 (January 2013-March 2013).
- Water and Sanitation for Africa: Assessment of the Functionality & Impact of all water points in the Greater Afram Plains Region of Ghana. Project Implementation based on the following Strategy; assessment and evaluation of Institutional framework of the water sector, adoption of a participatory approach and capacity building, awareness creation, advocacy, exchange of experiences, and water point mapping. The outcome of the assessment to lead to the development of a comprehensive sustainability framework that can be used in future water and sanitation projects, and also formulate a sustainable water service delivery model.(January 2012-April 2012)
- Hydrogeological Consultancy Services in the Central Region Lot2, Contract No. CWSA HQ/GoG/RWSP/HGP/10/02 (Sept 2011-November 2011)