

## Isaac Albert Aidoo

Doctoral Researcher

**[School of Geography, Earth and Environmental Sciences \(/schools/gees/index.aspx\)](/schools/gees/index.aspx)**

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### About

**Title of PhD:** Suspended sediment pollution events in urban rivers

**Supervisors:** Dr Damian Lawler and **[Dr David Hannah](/staff/profiles/gees/hannah-david.aspx)** (</staff/profiles/gees/hannah-david.aspx>)

Isaac Albert Aidoo is undertaking doctoral research into suspended sediment pollution in urban rivers during and between events for their effect on aquatic life and human health, by assessing their sources, dynamics and properties.

He is using Excel graphs and basic statistics for analysing both primary and secondary, 15 – minute resolution data obtained through automatic power sampling, on rainfall, river flow and six water quality parameters from three monitoring stations (two on, and one a tributary of the Tame) within River Tame catchment, the most urbanised in the UK.

### Qualifications

- BSc
- MSc

### Biography

Isaac Albert Aidoo previously studied Agricultural Engineering at degree level before undertaking a Masters in Civil Engineering (Water Supply & Environmental Sanitation) both at the Kwame Nkrumah University of Science & Technology, Kumasi - Ghana. Between his Degree and Masters he taught for nine years at a Senior High School, and another nine years at a Polytechnic between his Masters and current PhD research, both in Ghana.

### Research

#### Research interests

River Sediments; Urban Hydrology; Potable Water Treatment & Supply; Environmental Sanitation

#### Other activities

Active in Socio-cultural and Christian programmes.