

## **Motivational letter**

In the fast-growing population of the developing tropics, rural areas are not able to absorb the vast increase in their human populations, thereby a large population moving to cities. In Ghana over quarter of the population now live in the urban centers stemming from migration. Pressure on social amenities, traffic congestions, reduced air quality and flooding resulting from improper waste management are all impacts of urbanization in our society, which calls for control.

These problems have rekindled my interest in urban and other environmental issues. I ask myself, are there any agencies responsible for effective environmental management and land use planning? What effective governmental policies are there to ensure sustainable environment in recent times? With courses in regional geography and spatial organization and introduction to remote sensing and geographic information system (GIS) during my undergraduate study, my understanding of urbanization and its impacts was deepened. Here, I found the interest to pursue masters in Geoinformation sciences which will help me become more conversant and abreast with issues relating to urbanization and its attendant challenges.

My knowledge in Geographic information system was also enhanced when I interned in the physical planning department specifically in the project office in the Ga East Municipal Assembly. There, I learnt the use of other software specifically the QGIS software in digitizing vicinities within the municipality for ground-truthing exercise for an effective property address system and land use planning. Education is a never-ending process. Having acquired such skills, I wish to apply them in my study at the university of Ghana, where I will grow and contribute considerable knowledge in Geographic Information System to address critical environmental issues and other spatial problems. I also had the privilege to work with some institutions and doing my national service at MISACH Company Limited which in its own way contributing to the development of Ghana in a healthy way.

In the near future, I foresee myself becoming a fully-fledged researcher in an organization in Geographic Information System in addressing challenging issues in urbanization. I also have dreams of impacting the knowledge I have gotten over the years into younger generations through the role of a lecturer. Having a masters degree in my alma mater has not only been a privilege but also a step in the right direction for my career goals and I will be happy if I am granted the opportunity to be part of the elites the university produces.