

Committee: **Environmental and Ecological Planning Advisory Committee**

Organization/Sector represented: **N/A**

Name: **Alex Bilson Darko**

Occupation: **Geophysicist (Research Assistant)**

Work experience: **My experience is extensive, having worked in different terrains in Canada and Ghana in Geological, Environmental, Geophysical, and Geotechnical sectors with data collection and analysis. I also worked on the environmental and sustainability section in AngloGold Ashanti a global mining company in Ghana both as an environmental and exploration Geologist. With the task of delineating potential safe lands for mineral exploration, safe mining practices for the environment and interacting with nearby mining communities explaining relocation plans and benefits. Led a team in acquiring ambient vibration array and resistivity data at bridge sites in Ontario for the Ministry of Transportation Ontario (MTO) bridge site characterization project. Prepared technical reports for MTO officials and for technical publications. I also served as a co-leader/instructor for a seismic microzonation mapping project in Metro Vancouver, BC with the task of training and assisting graduate students with data collection and analysis. Currently I work as, a research assistant on a 6-year project which involves the assessment and mapping of earthquake shaking (amplification), liquefaction and landslide hazards at a neighborhood scale with an initial focus in the western communities of Metro Vancouver. Emergency Management British Columbia (EMBC), the Institute for Catastrophic Loss Reduction (ICLR), and the University of Western Ontario have collaborated on this project.**

Education: **I hold a Bachelor of Science degree in Geological Engineering from the University of Science and Technology, Ghana and a Master of Science degree in Geophysics from the University of Western Ontario.**

Skills: **My technical writing, analysis and critical thinking skills with the ability to listen to opposing views and work effectively in a team at all levels. Additionally, my broad knowledge in the field of Geology and Geophysics with specialization in subsurface investigation and environmental characterization would be beneficial to this body.**

Interest reason: **I believe knowledge sharing is one of the effective ways to serve the community and with my background being in line with this body's goals, serving the City of London on this body gives me a great opportunity to do so.**

Contributions: **With new development requiring sub-surface investigations in the City, I believe my technical expertise/background in Geological, Environmental, Geophysical and Geotechnical fields of study coupled with my experience in technical writing and publications make me an ideal addition to the committee. This would particularly be helpful in reviewing technical studies done by consultants.**

Past contributions: **Previously served on the judicial committee for the Geological Engineering Students' Society of the University of Science and Technology, Ghana where executive candidates were interviewed and vetted for election purposes. Currently working as a research assistant with one of the main duties to technically review processed data from field campaign for final reporting to EMBC and ICLR.**

Interpersonal: **I have participated in international conferences and internal research bi-weekly group meetings where we present ideas, share and receive constructive feedback and plan to improve our research towards achieving the overall team goal. This has equipped me with the ability to exchange my views with others and appreciate and respect the skills, abilities and knowledge of others as well. Additionally, my participation in team sports such as basketball and soccer serving as team captain on a number of occasions has facilitated my ability to appreciate and respect the skills, ability and knowledge of others.**

Interview interest: **Yes**