



***Name: ESTHER CHIFUNIRO MABEDI***

Current Appointment: Staff Associate in Earth Sciences (Hydrogeology)

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***Area of Research/Teaching***

***Teaching:*** Earth Sciences

***Research interest and ideas:***

- Modeling of the Mulanje mountain aquifer (literature review and proposal development)
- Yield improvement of basement weathered aquifers in Malawi (literature review and proposal development)
- Promotion of Small Scale Mining to Build Resilience to Climate Change Effects in Malawi (Proposal Developed)
- Mapping of the Amazonite Deposit in Northern Malawi (2015)

## ***BIOGRAPHY***

Esther Mabedi was born in Malawi on April 30<sup>th</sup>, 1992. She is a Geologist working with the Malawi University of Science and Technology.

She obtained her Bachelor of Science Degree from the University of Malawi with majors in Earth Sciences and Computer Science in 2013. Her career as a geologist started off in May 2014 when she joined the Geological survey of department under the Malawi Government. She worked there for a year and three months. Whilst with the department she worked on a project that mapped an amazonite deposit in northern Malawi. It was while working on this project that she developed and interest in hydrogeology and water resource management to sustainably develop Malawi’s ground water resources for domestic and agricultural use. Later in 2015 switched to academia by joining the Malawi University of Science and technology where she is currently employed as a staff associate in earth sciences. Her passion for ground water development continues and she is yet to study for a master in Hydrogeology and Water management later this year, and return to teaching and research afterwards.

Esther enjoys reading, cooking, travelling and spending time with her family that is supportive and always motivates her. Esther believes that in helping others you also help yourself hence she is engaged in informal mentorship programs at her university as well as around her area of residence. She is also involved in philanthropic activities by alumni of Marymount Secondary School class of 2007 graduates



Name: ESTHER CHIFUNIRO MABEDI

**Educational Background:**

Primary school: Lilongwe Academy and Chimutu Primary School

Secondary: Marymount Secondary School

University: University of Malawi , Chancellor College

**Current Appointment:**

Staff Associate in Earth Sciences, Ndata School of climate and Earth Sciences, Malawi  
University of Science and Technology

**Research Interests & Accomplishment:**

Modeling of the Mulanje mountain aquifer

Yield improvement of Basement weathered aquifers in Malawi

Promotion of small scale mining to build resilience to climate change in Malawi

**Educational Interests (optional):**

Pursue a masters degree in Hydrogeology and Water Management

Pursue a PhD in Hydrogeology

**Other Information about you:**

Mentorship

Member of philanthropic club of Marymount class of 2007

Business woman

