

## Candidate for IUGS Executive Committee

**Position: Councilor (2024-2028)**

**Name:** Maideyi Lydia Meck

**Affiliation:** University of Zimbabwe

**Nominating Organization:**  
Geological Society Of Africa



### **Biography:**

Born and raised in Zimbabwe, I have dedicated my career to the advancement of geological sciences, particularly in the field of geochemistry. My academic journey began at the University of Zimbabwe, where I earned a B.Sc in Geology and Statistics, followed by a Special Honours degree in Geology. I furthered my studies with an M.Phil. in Environmental Geology, focusing on the geochemical modelling of toxic elements dispersion from mining activities into soils and water systems. My passion for geology led me to the University of Botswana, where I completed my Ph.D. in Environmental Geology, investigating the impacts of mining alkaline rocks on water quality in the Save Headstreams of Zimbabwe. In 2022, I was honored to be a Global Minds Visiting Fellow at KU Leuven's Department of Earth and Environmental Sciences in Belgium, where I engaged in postdoctoral research that furthered my expertise in geology. Throughout my career, I have been actively involved in geological resource research, serving as a UNESCO panelist and part-time lecturer at the Pan African University Institute of Life and Earth Sciences. As a lecturer at the University of Zimbabwe, I teach a wide range of subjects among them Hydrogeology, Geochemistry, and Environmental Geology, to both undergraduate and postgraduate students. My administrative experience as head of the department has allowed me to contribute significantly to curriculum development and research in the field. I am proud to have served as a board member for several educational and scientific institutions, and my contributions to the Geological Society of Africa as the immediate past Secretary General and IUGS rep for GSAf reflect my ongoing commitment to the development of geosciences across the continent.

### **Statement:**

As a dedicated professional with a rich background in geology and environmental sciences, I am eager to join the IUGS as an executive member. My passion for serving African geosciences is deeply rooted in my extensive educational and professional

journey. My work has always been geared towards understanding and mitigating the impacts of mining on the environment, which is crucial for the sustainable development of African nations. I believe that my role in the IUGS will not only contribute to the global geoscience community but also amplify the voice and needs of African geosciences on an international platform. I am also motivated by the opportunity to collaborate with esteemed colleagues from around the world, share my insights, and work collectively towards the advancement of geological sciences. It is my goal to leverage my expertise to foster international cooperation, support research initiatives, and promote the sustainable use of geological resources for the betterment of society, particularly in Africa.