

Curriculum Vitae of Postgraduate Students

**** Below information including photo will be published on EES website.**

****PLEASE LEAVE IN BLANK IF NOT USE****

Full Name in English: Belachew Moges Tsegaye Nickname: Belachew Full Name in Chinese (if any): MPhil / PhD (2025 entry) in Earth and Environmental Sciences	Photo 			
			Supervisor:	Prof. YANG Hongfeng
			E-mail:	Belachew.Moges@link.cuhk.edu.hk /belimo3075@gmail.com
			Mobile:	+85264323850 and +251915557335
Education: ✓ MSc. in Geology (Engineering Geology), Addis Ababa Science and Technology University, 2019 ✓ BSc. in Geology, Addis Ababa Science and Technology University, 2016				
Research Fields and Current Research Interests: ✓ Engineering Geology and Geomechanics ✓ Geophysics ✓ Earthquake Seismology ✓ Earthquake Source Physics ✓ Geohazard Risk Assessment and Zonation				
Representative Publications: 1. Alemayehu, E., Chala, E. T., Jilo, N. Z., Tiyaasha, T., & Moges, B. (2025). Optimizing design and stability of open pit slopes in Tolay coal mine, Ethiopia. <i>Scientific Reports</i>, 15(1), 1570. 2. Moges, B., Meten, M., & Solomon, H. (2020). <i>Integrated Geophysical and Packer Test for Water Tightness Evaluation of Gullele Botanic Garden Dam Site. Journal of Geology &</i>				

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Geophysics, 9(1), 474.

3. **Moges, B., & Meten, M.** (2019). *Engineering Geological Characterization of Rocks in Gullele Botanic Garden Dam Site, Addis Ababa, Ethiopia*. **International Journal of Scientific and Technology Research**, 8, 3504–3522
4. Landslide Susceptibility Mapping Using GIS-based Information Value Model in Wegeda Area, Northwestern Ethiopia (**Under Review**)

Honours and Awards:

1. **Trophy Award Winner** – Addis Ababa Science and Technology University, 2016
Awarded for outstanding academic performance and excellence.
2. **Full Master’s Scholarship Award** – Addis Ababa Science and Technology University, 2016
Granted a fully funded scholarship in recognition of academic merit and potential for advanced research.

Conference Presentations:

- ✓ Geotechnical Evaluation and Impact Assessment of Refilled Pavement Test Pit in Addis Ababa Light and Heavy Duty Road Network, *presented at 8th Annual Research Conference (STII 2024), Addis Ababa Science and Technology University, May 16-17, 2024.*

Other Skills:

- ✓ Geological mapping and field data interpretation
- ✓ Engineering geology and geotechnical investigations
- ✓ Remote sensing and GIS applications
- ✓ Seismic and geophysical data analysis
- ✓ Teaching and research at university level
- ✓ Computer skills: Microsoft Office, ArcGIS, Surfer, Geosoft, IP2Win, ENVI, R-programming
- ✓ Academic program coordination and university administration experience

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