

CURRICULUM VITAE

PERSONAL DATA

- **Full name:** Mehari Melak Ayele
- **Date and place of birth:** 01-05-1970, Debre Markos
- **Sex:** Male
- **Citizen:** Ethiopian

EDUCATION

- PhD candidate for Sept, 2008
- M.Sc. in Geophysics from Addis Ababa University, July 16, 2004.
- B.Sc. in Physics from University of Addis Ababa, July, 1990.

EMPLOYMENT

- Lecturer of Physics, Bahir Dar University, Ethiopia: Sept. 2005- present.
- Lecturer of Physics, Gondar University, Ethiopia: Sept. 2004- August,2005.
- Gust Lecturer of Physics, Gondar Teachers college, Ethiopia: Oct. 2004- Apr. 2005.
- Teacher of Physics and Mathematics in three different High Schools, Ethiopia: Sept 1991 to Aug. 2003
- Distance Education Coordinator for Adama Teachers College, Ethiopia: Sept. 2001- Aug. 2002

MANAGEMENT EXPERIENCE

- Projector Coordinator, Expansion of the Graduate School of Bahir Dar University, May. 2007- present.
- Projector Coordinator, Establishing Virtual Physics Laboratory at Bahir Dar University, Oct. 2007- present.

- Head, Physics Department, In high Schools , for eight years in between Sept. 1991-Aug. 2002.
- Workshop Organizer
 - Einstein Year of Physics-Dec, 2005
 - Ethiopian Physical Society- Dec, 2006
 - Weekly seminar of Physics Department at Bahir Dar University- Jan, 2006 to Jun. 2007 and others

RESEARCH INTEREST

- Seismic Signal Analysis both for refracted and reflected waves
- Integrated Geophysical techniques for subsurface analysis
- Satellite Remote Sensing and Space Science Researches
- GPS signal propagation model

COMPUTER AND OTHER SKILLS

- Operating system: WINDOWS (Excellent), MACINTOSH (Good)
- Programming language: MATLAB (Good), FORTRAN (Good), Visual Basic (Good), Microsoft applications (Excellent except Ms. Access)
- Signal processing: Refraction wavelet analysis (Very Good), Mathematical inversion (Good)

RESEARCH EXPERIENCE

- The velocity Structure of the Upper Crust Across the Main Ethiopian Rift, master thesis, M.Melak, 2004, Addis Ababa University-Ethiopia
- The Tectonic Process of the Main Ethiopian Rift System, EAGLE group,2002/03
- Vertical electrical Sounding Survey to Map the Potential Basaltic Quarry site at Kaliti area,2005.
- Integrated Geophysical Investigation for the determination of the depth and movement of the Ground Water at Jan-Meda, Addis Ababa
- Identifying the bore hole site and depth determination for the Ground Water table in Gonder University Compound.

REFERENCES

- Dr. Tilahun Mammo
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- Dr. Atalaye Ayele
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