

DEMISO DABA DUGASSA



SUMMARY

I've experience in hydrological and climate data processing using recent technology. Recently I'm working on developing the codes for my college (AWiT) mainly on optimizations [The one that is related to optimum agricultural products with limited resources like lands or waters or above]. At the same time, I'm also teaching my students this course.

EXPERIENCE

Ass. Lecturer, 08/2018 -02/2021

Lecturer, 02/2021 – Current

Arba Minch University, Arba Minch, Ethiopia

- Participate in workshops, training, and conferences to improve educational skills.
- Created instructional and lecture plans for classes in compliance with course objectives.
- Applied creative instruction methods to promote student learning objectives.
- Selected innovative teaching methods to deliver course content.

Trainer of Trainer (Python), 11/2022 – Current

Arba Minch University, Arba Minch, Ethiopia

- Provided supporting information to substantiate research findings.
- Data analysis and processing (hydrological, climatic, NetCDF) by developing python code.
- Developing the packages for the college (AWIT).
 - Specifically, constrained optimizations related to agricultural crop patterns.
 - System of Linear equations for water resources analysis.
 - The code that directs links to the online server to

LANGUAGES

English

Amharic

Afan Oromo

CONTACT

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SKILLS

- Clear Communication with others
- Focus Group Coordination
- Relationship Building
- Social Services Support
- Problem Solving

EDUCATION AND TRAINING

B.Sc., Hydraulic and Water Resources Engineering, 06/2018

Arba Minch University, Ethiopia

M.Sc., Sustainable Water Resources Engineering, 04/2021

Arba Minch University, Ethiopia

Higher Diploma Program (HDP), 2022

Arba Minch University, Ethiopia

CERTIFICATIONS

- Power plant model, for community service exhibition, June 26-29/2018
- Trainer of trainers (Python), Arba Minch University-2022.
- Coding Fundamentals, Grasshopper-2022
- Coding Fundamentals II, Grasshopper-2022

HOBBIES

