

Elias Jemal Abdella (PhD)

+251960730284 / +251961280311, eljaab@gmail.com / Elias.jemal@haramaya.edu.et

Haramaya University, Oromia

P. O. Box: 138 Dire Dawa, Ethiopia

Professional Summary

I am a committed water resources professional with a strong academic and applied background in hydrology and water resources engineering. I hold a PhD in Water Resource Engineering from the Indian Institute of Technology Delhi, where my doctoral research focused on assessing the impacts of climate change on the hydro-climatology of the Upper Blue Nile Basin, crop productivity, and reservoir system optimization. My academic training also includes an MSc in Irrigation Engineering from Haramaya University and a BSc in Agricultural Engineering and Mechanization from Hawassa University, providing a solid interdisciplinary foundation across water, agriculture, and environmental systems.

I currently serve as an Assistant Professor of Hydrology and Water Resources Engineering at Haramaya University, where I have been leading the Energy, Engineering, and Information Technology (EEIT) research thematic area since 2025. Previously, I worked for nearly two years as Head of University–Industry Linkage at the Haramaya Institute of Technology, strengthening collaboration between academia and industry. Earlier in my career, I gained valuable leadership and teaching experience at agricultural vocational education and training colleges in Agarfa (Bale) and Gambella, which shaped my long-term career trajectory toward academic and institutional leadership.

My research and project engagements are strongly application-oriented, with an emphasis on generating practical solutions to real-world challenges. I have presented my work at numerous national and international conferences and have contributed to public discourse through various media outlets. I am driven to further expand my research and leadership roles to address complex challenges in water and environmental engineering, transboundary river basin management, and emerging geo-hydropolitical issues.