



Name: ADEY F. DESTA

Current employer & Appointment/title: Assistant Professor of Environmental Biotechnology, Addis Ababa University

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Country: Ethiopia

Area of Research/Teaching; Industrial wastewater treatment through microbial biomonitoring, nutrient recovery form domestic wastewater

Biography

Adey Feleke Desta is an assistant professor of environmental biotechnology at the Institute of Biotechnology, Addis Ababa University, Ethiopia. She received her PhD in applied microbiology from Addis Ababa University in 2014. Her research focuses on microbial ecology of biological wastewater treatment systems, with a particular focus on the ecology and dynamics of xenobiotic compound -degrading bacteria. Through research fellowships from the German Academic Exchange Service (DAAD) and African Biosciences Challenge Fund (ABCF), she has conducted research on development of methods for detection and monitoring of microbial communities in biological wastewater treatment plants of resource- poor settings. Through the research fellowship from the University of Michigan African Presidential Scholars (UMAPS) she has been involved in role and fate of microbes during the process of nutrient recovery from human liquid waste. Since 2016, Dr. Desta has been doing further research on waste-to fertilizer approach in Ethiopia through the funds she won from Addis Ababa University, her home university and USAID in partnership with The University of Michigan.

Adey F. Desta
Assistant Professor
Addis Ababa University



B.Sc Biology, M.Sc Biomedical Sciences
PhD Applied Microbiology

Research – Treasure hunt form wastewater, the potential of recovering nutrients from wastewater and human urine. The reuse for agriculture and assessment of risks in reuse

