



Adeyinka SOBOWALE, R. Eng. (COREN), Fellow (NIWE)

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Degrees/Training

B.Eng (Agricultural Engineering, Federal University of Technology, Akure)

M.Sc. (Water Resources and Environmental Engineering, Ahmadu Bello University, Zaria)

PhD. (Soil and Water Engineering, Ahmadu Bello University, Zaria)

Short Bio

Dr. Adeyinka Sobowale is a Senior Lecturer in the Department of Agricultural and Bioresources Engineering in the College of Engineering. He joined the Federal University of Agriculture in 2008 as a Lecturer II (Soil and Water Engineering, now Water and Ecological Resources Engineering) and rose through the ranks to the position of Senior Lecturer in 2015; he has since been *prima facie qualified* for the post of Reader (Associate Professor) since 2020.

Dr. Sobowale is a distinguished research Scholar and teaches both undergraduate and graduate courses and carries out research and extension in the area of Water and Ecological Resources Engineering. He has to his credit 35 peer reviewed scientific papers published in local and international journals, conference proceedings, book chapters and technical reports.

As an erudite Scholar, Dr Sobowale has collaborated with several researchers around the world to win a number of research grants such as Competitive Agricultural Research Grant Scheme (Agricultural Research Council of Nigeria), World Bank Supported National Water Resources Capacity Building Network Grant, International Water Management Institute Research Grant, West African Agricultural Productivity Programme Research Grant, and a host of Fellowships to the University of the Western Cape, Cape Town, South Africa, Desert Research Foundation, Namibia, United Nations World Water Assessment Programme, University for Foreigners, Perugia, Italy, Technical University, Dresden, Germany to mention a few.

Active Affiliations

Registered Engineer, Council for Regulation of Engineering in Nigeria (COREN)

National Vice Chairman and Fellow, Nigerian Institution of Water Engineers (NIWE)
Member, Nigerian Society of Engineers (NSE)
Member, Nigerian Institution of Agricultural Engineers (NIAE)
Member, International Association For Hydrological Science (IAHS)
Member, International Association of Hydrogeology (IAH)
Member, West African Network for Capacity Building in Integrated Water Resources Management (WANET)

Current Research

Dr. Sobowale focuses his research is in the field of Water Resources and Ecological Engineering. The major topics covered in this specialization includes engineering hydrology, hydraulics, water resources systems (atmospheric, surface and groundwater), irrigation engineering, water supply engineering, drainage engineering, land development and stabilization, catchment management and modelling, water quality, geographic information systems and waste water Engineering. The thematic areas can be categorized into five major areas, namely: Engineering Hydrology and Catchment Management Research, Integrated Water Resources Management Research, Ecological and Land Development Research, Adaptive Irrigation Development Research and Optimization of Food Production System Research. The outcomes from these researches led to a better understanding of the important processes, impacts and possible adaptation and effective utilization of our land and water resources in the various catchments studied; it has generated important learning points on how these resources can be optimized and sustainably managed.

Courses

ABE 303	Hydraulics Engineering 1	2 Credits
ABE 306	Agricultural Land Surveying and GIS	3 Credits
ABE 413	Engineering Communications	2 Credits
ABE 516	Drainage Engineering	3 Credits
ABE 523	Hydraulics Engineering	3 Credits
ABE 535	Water Resources Engineering	3 Credits
ABE 804	Geohydrology	3 Credits
ABE 805	Advance Hydrology	3 Credits

Publications

See abridged curriculum vitae