

DR. ENG. Muthumbi Waweru is an accomplished consultant and research; he is a holder of Ph.D. in Applied Biological Sciences, option – Environmental Technology, Ghent University, Belgium. He is a registered environmental expert with National Environmental Management Authority (NEMA Reg. No: 0122). He has over 15 years of experience in environmental management and extensive research on environmental and Biosystems Engineering.

Dr. Muthumbi has undertaken many consultancy assignments namely:

- i. Environment and Social Impact Assessment (ESIA);
- ii. Environmental Audits (EA);
- iii. Waste Water and Solid Waste Management;
- iv. Environmental Risks Assessments (ERA);
- v. Environment Health and Safety (EHS);
- vi. Natural Resources Management;
- vii. Water Resources Management; and
- viii. Project Planning and Management (PMM)
- ix. Resettlement Action Plan (RAP)
- x. Green Certification
- xi. Energy Management

Dr. Muthumbi has been undertaking research on topical issues in the contemporary environmental/engineering spheres. He has many publications on the various researches undertaken. In addition, Dr. Muthumbi has been imparting knowledge to both the undergraduate and postgraduate students in the University of Nairobi and Kenyatta University for the last 9 years.

I was among the premier group of environmental professionals who were registered as EIA/EA experts in 2004. Over the last 13 years, I have been involved in carrying out Environmental Impact Assessment Studies/Project Reports for development projects to establish their impact on the environment as per the 3rd schedule of EMCA, 1999. I have also carried out numerous Environmental Audits for existing enterprises as per the requirements of EMCA, 1999.

As a lecturer, over the last 17 years, I have taught diverse courses in the area of environmental engineering and environmental science and technology. I have also authored one teaching module titled 'Environmental Engineering Fundamentals' -The Physics, Chemistry and Biology".

I have been actively involved in research as evidenced by supervision of several undergraduate students final year project, several MSc student and Ph.D students and publication of several articles in refereed journals.

I was actively involved in the process of restructuring of the courses offered at the then Centre for Appropriate Technology & Research culminating in the formation of a department of engineering sciences and ultimately the establishment of a School of Engineering and Technology at Kenyatta University in December 2007. Subsequently, I was appointed the premier acting dean of the new school in order to lead the process of engineering curriculum development, recruitment of teaching staff and procurement of teaching equipment/engineering training facilities for the new school.

In the course of my service to Kenyatta University, I was actively involved in other administration tasks both at the departmental level and the school level and even at the university level where I was a member of several committees. I also attended a short course on university management in Nairobi and another one on carbon credit trading in Dar-es-salaam, in Tanzania under sponsorship of World Bank.

I joined University of Nairobi in March 2012 in the department of Environmental & Biosystems Engineering where I have been involved in active teaching, student's supervision and research in environmental related disciplines. In addition, the president of the court of Appeal appointed me to provide guidelines on the extent of radiation impacts in their new Upper Hill Office complex.

Currently, I am a member of the working committee of National Construction Authority (NCA). The committee has dealt with issues regarding Building safety, Solai Dam Tragedy, Social Economic & Environmental aspects of the encroachment on Wetlands and Riparian Way leaves in the City of Nairobi. Currently we are working on a national report on Construction Waste Management, the Regulatory Impact Statement (RIS) for the new Building Code and ESIA/Green Certification for the proposed Center for Construction Industry Development at Konza City by NCA.