



CURRICULUM VITAE

NAME: FRANCIS WACHIRA KARIUKI

PERSONAL HISTORY

NATIONALITY: KENYAN

LANGUAGES: ENGLISH, SWAHILI

CONTACT ADDRESS: P.O. BOX 43844 00100 GPO, NAIROBI.
TEL.:811622 ext. 57305
Cell phone : 0721-457747
E-Mail: franciskrk@yahoo.com

I am computer literate with wide experience various softwares including GIS, Blackboard software and various information management software.

ACADEMIC QUALIFICATIONS

2001 - Ph.D. (Plant Ecology), Kenyatta University. Thesis title: Carbon Budget and sustainable harvesting of *Cyperus papyrus* L. (Papyrus) in a Lake Naivasha papyrus swamp, Kenya.

1994 - Certificate in Productivity In a Changing Environment, KMITT, Bangkok, Thailand

1993 - M.Sc. (Aquatic Ecology), Kenyatta University. Thesis title: Growth dynamics and primary production of *Eichhornia crassipes* (Mart.) Solms in Lake Naivasha, Kenya.

1988 - B.Ed. (Hons) (Biological Sciences), Kenyatta University.

PROFESSIONAL QUALIFICATIONS

2003-Present Lecturer, Department of Biological Sciences, Kenyatta University teaching both undergraduate and postgraduate students: Areas of teaching include Rangeland Ecology, Arid lands Ecology, Forest Ecology, EIA, Aquatic Ecology and Community Ecology.

2000-2003 Part-time Lecturer, Department of Botany and Department Biomechanical and Environmental Engineering, Jomo Kenyatta University of Agriculture and Technology teaching both undergraduate and postgraduate students: Units taught include Rangeland Ecology, Arid lands Ecology, Forest Ecology, Plant Ecology, Advanced Plant Ecology, Ecophysiology, and Social and Physical Ecology.

2000 Part-time Lecturer, Department of Botany, Kenyatta University teaching Plant Ecology.

- 1996 Curriculum development and training of National Environmental Secretariat (NES) staff and Lake Naivasha Basin community on Interactions between Community Resources Utilization and the Biodiversity
- 1994-2000 Postgraduate student, Sustainable Agricultural development in Tropical Wetlands in South America and Africa, European Union Science Technology Development Project. My duties included, proposal writing, designing methodology, data collection and analysis and report writing to European Union.
- 1993 Part-time Lecturer, Biological Sciences Department, JKUCAT teaching Survey of Plant Kingdom.
- 1992-1993 Graduate Teacher, Starehe Boys' Centre teaching both Biology and Chemistry.
- 1988-1989 Graduate Teacher, Chepterit Girls' High School teaching both 'O' and 'A' Level Biology and Chemistry, Head of Science Department and Patron, School Wildlife Club.

CONFERENCES AND SEMINARS ATTENDED

- July 1991 - Seminar on Wetlands, National Museums of Kenya.
- Jan. 1994 - Training course on techniques in photosynthesis and productivity in a Changing Environment, Bangkok, Thailand.
- Nov. 1994 - Resource person in a seminar on development of a Digital Biodiversity Database on Lake Naivasha Region on Interactions between Resources Utilization and Biodiversity of Lake Naivasha.
- May 1995 - Training Workshop on Eddy Covariance, Computer Data analysis and methods of assessing productivity and biodiversity in tropical wetlands, Essex University, UK and Trinity College, Dublin University, Ireland.
- April 1999- Presented two papers at an International Conference on Tropical shall waters and Humans at KWSTI, Naivasha, Kenya titled:
1. The Structure, Functioning and conservation of Wetlands and
 2. Sustainable Harvesting of *Cyperus papyrus* L.
- April 2007 Attended a Harmonization Workshop on Proposal Writing. Jinja, Uganda
- April 2008 Attended a course on Effective Project Planning and Evaluation In Health Research, KARI TRC, Muguga
- August 2008 Attended the International Workshop `Re-Conceptualization of Wildlife Conservation: Towards Reasonable Actions for Local Life. Embassy of Japan, Nairobi
- Oct/Nov 2008 Attended a Kenya Agricultural Productivity Project (KAPP) training workshop on Strategic Planning, Project Management, Proposal Writing and Project Monitoring and Evaluation. EAST College, Embu

Jan. 2009 Attended a Workshop on University Based Learning Cycle (Activity 2) of 'Strengthening of university capacity for promoting, facilitating and teaching rural innovation processes'.
Egerton University

RESEARCH ACTIVITIES

2008-Present Investigating Greywater treatment and reuse in agriculture as a means to improving livelihood, public health and environmental protection in the Lake Victoria Basin.