

CV - Prof. Edward N. Kairu

1. GENERAL INFORMATION

Names : Prof. Edward Ng'ang'a Kairu
Profession : Water, Sanitation and Environment specialist
Date of Birth : 14th October 1951
Email contact : edward.kairu@majinaufanisi.org

Current Chairmanships/ Directorships / Memberships / Advisory positions:

- Chairman – ANEW - African Civil Society Organizations (CSO) Network on Water and Sanitation, Nairobi, Kenya.
- Chairman – KEWASNET – Kenya Water and Sanitation CSO Network (based at KARA - Kenya Alliance of Residents Associations), Nairobi, Kenya up to July 2008
- Director – WASRAG – Water and Sanitation Rotarian Action Group (part of Rotary International) based in Michigan, USA.
- Adviser – Freshwater Action Network – based in WaterAid, London.
- Adviser – RIPPLE – Research inspired Policy and Practice Learning – DfID funded project (Ethiopia and Nile regions), Addis Ababa, Ethiopia.
- Adviser – WASH (Water, Sanitation and Hygiene) Scientific Advisory Committee, Geneva.
- Water and Sanitation Consultant – World Bank
- Committee Member – CSO Representative - Africa Working Group – A committee of the European Union Water Initiative, London
- Faculty member – University of Cambridge (UK) – Prince of Wales's Business and Environment Programme, Cambridge.
- Adviser – International Foundation for Science, Stockholm, Sweden
- Adviser – Google Inform and Empower Project, USA.
- Rotarian - Rotary Club of Nairobi

2. KEY QUALIFICATIONS / EXPERIENCES & COMPETENCIES:

- Executive Director - Maji na Ufanisi (Water and Development) – one of the well known Water and Sanitation NGOs based in Nairobi (Mar 2001 to Feb 2003 and from Mar 2005 to present) which mainly works with poor communities. Overseeing conceptualization, formulation, implementation, monitoring and evaluation of Water and Environmental Sanitation interventions in Urban Informal Settlements and Small Towns / Rural Areas of Kenya
- Invited by the African Union to talk to African Heads of State and Government on the role of African Civil Society in getting African countries back on track for the Water and Sanitation MDG 7 targets 10 and 11, (Sharm el Sheikh, Egypt, Jun 2008)
- Invited to Washington by President of World Bank (along with Secretary of State – UK and UNDP Administrator) for consultation on Water challenges in Africa - May 2007
- Part time Faculty Member – University of Cambridge, Sustainable Development Programme specifically tailored for World Bank staff (on going)
- Chief Technical Adviser – UNDP/UNOPS – for an internationally funded community based biodiversity conservation project (with a significant water component) which was based in three districts of Lesotho – (February 2003 to Dec 2004).
- Senior Consultant (5 years) - Natural Resources Management Cluster of programmes/projects (water being the largest segment of this portfolio) at ETC East Africa Ltd - an international Dutch consulting firm based in Nairobi but which works all over Africa. NB. While at ETC East Africa, I was in charge of coordinating all the technical support that ETC gave to CDTF (Community Development Trust Fund - a Government of Kenya / EU

Trust) on a blanket contract basis for 3 years.

- Adviser for Global Environment Fund (GEF / UNDP) based in New York, February - July 1994. I became very familiar with the community based projects which are funded by GEF particularly the issues relating to project cycle and its implementation, monitoring, and evaluation requirements.
- Actively participated in the formulation of the three Global Environment Framework Conventions (which emphasize local actions addressing global issues), namely - Climate Change, Biodiversity, and Desertification conventions, all of which give a lot of attention to water.
- Team Leader/Facilitator - many appraisals, assessments, and evaluations for projects funded by a wide range of donors (e.g. European Union) in Eastern and Western Africa and the Horn of Africa Countries (See list of projects on page 2). This exposure has given me superior skills in Project Cycle Management and Logical frameworks and results based programme/project analyses and planning.
- Active collaboration with governments and grassroots environment NGO's all over Africa during a period of 15 years.
- Over 20 years of experience in rural development, environment and natural resources management as well as programme/project planning and implementation at the international level, mainly in Africa.
- Lectured in Hydrology, Environment and Development at the University of Nairobi and Kenyatta University.
- Administrative experience (five years) as Chairman of Geography Department, Kenyatta University.

3 EDUCATIONAL RECORD:

- 1986 - 1990 McGill University, (Geography Department, Montreal, Canada). Ph.D in Remote sensing applications in Climatology. I undertook numerous advanced courses in Water related topics
- 1977 - 1980 University of Nairobi, M.Sc. in Hydro-climatology, Nairobi, Kenya.
- 1972 - 1975 University of Nairobi, B.Sc. Geography, Physics and Mathematics (Kenya).
- 1966 - 1971 Alliance High School (Form 1 to Form 6)

4 EMPLOYMENT RECORD:

- Mar 2005 – Present Executive Director – Maji na Ufanisi (Water and Development)
- Feb 2003 – Dec 2004 Chief Technical Adviser – UNOPS/UNDP – Lesotho
- April 2001 – 01/2003 Executive Director – Maji na Ufanisi (Water and Development)
- 1997 – March 2001 Senior Consultant, ETC East Africa - international consulting firm
- 1997 Kenyatta University, Associate Professor of Geography.
- 1992 - 1996 Kenyatta University. Senior Lecturer (Hydrology and Environment) and the Chairman of Geography Department (5 years).
- 1988 - 1992 Kenyatta University. Lecturer as well as a Part time Consultant.
- 1982 - 1988 Kenyatta University. Assistant Lecturer and a Part time Consultant.

5. WATER, ENVIRONMENT AND DEVELOPMENT PROJECTS UNDERTAKEN

- Currently (July 2008) overseeing over 13 water and environmental sanitation projects in Kenya funded by 17 donor agencies - including local private sector, bi-lateral and multi-lateral donors e.g. East African Breweries, Athi Water Service Board and Nairobi Water Company; Ford Foundation, Cordaid, Christian Aid; and UN Habitat, UNICEF, UNDP respectively
- Consultant – World Bank, WaSSIP project, Nairobi, Kenya (Jun 2008)
- Consultant – IIED, Impact of land insecurity on water and sanitation in urban informal areas (May 2008)
- Coordinated joint assessment of the PRSP in Kenya with regard to the Water and Sanitation component – jointly with Water Aid UK and Overseas Development Institute - ODI (2002)

- Coordinated an end of programme evaluation and a snap-shot evaluation by DfID East Africa for two water and sanitation projects in 4 arid and semi arid districts of Kenya. (October – December 2001)
- Supervised a baseline survey of an arid district where Maji na Ufanisi planned to work in 2002 onwards. (October – November 2001)
- Team Leader, District Analysis of Poverty, Target-groups, Institutional Governance and Environment in Kajiado, Laikipia and Keiyo and Marakwet Districts, Kenya, for SNV (Dutch development agency) Kenya. (February – April 2001).
- Moderator, LUMO/CDTF stakeholder's workshop, Taita Taveta, Kenya. LUMO is a wildlife sanctuary that has been set up by local farmers who have had to deal with devastating damages by wild animals (particularly elephants) invading their farms. With funding from the Community Development Trust Fund, the sanctuary will facilitate the conservation of wildlife while the farmers will benefit from fees paid by tourists who come to visit a neighbouring hotel. The sanctuary entered into an agreement with the hotel to facilitate the tourists visiting the sanctuary. (December 2000).
- Team Leader, CARE Ethiopia, Zeghie Peninsula baseline study. Zeghie peninsula is one of the poorest parts of Ethiopia. The residents rely on a very rudimentary subsistence economy akin to hunting and gathering. CARE Ethiopia was assisting the region with integrated interventions e.g. in sustainable agriculture. (October/November, 2000).
- Team Leader, Feasibility study of Taita Taveta human/wildlife Conflict project funded by EU through the Community Development Trust Fund. See notes on LUMO/CDTF above. (July/August 2000).
- Team Leader, Final evaluation of an Institutional Strengthening Project, West Hararghe Region, Ethiopia. This is a part of Ethiopia that has been under the feudal land tenure system for a long time. CARE Ethiopia had an intervention aimed at strengthening local capacities of government and community based organizations to improve local livelihoods. (May/June 2000).
- Team Leader Evaluation of Agricultural Programme in Hiraan Region, Somalia, for Cooperazione Italiana Nord Sud (CINS). CINS intervention focused on assisting rangeland pastoralists in the Hiraan region of Somalia to improve their livelihoods by means of water conservation, livestock and agricultural projects. (April 2000).
- Facilitator, stakeholder's workshop, Bunyala Fisheries Project, funded by Community Development Trust Fund, Port Victoria, Kenya. Bunyala is a region adjacent to Lake Victoria on the Kenyan side. The local economy revolves around fishing. However, inadequate resources and skills severely minimize the impact of fishing in this area. CDTF was funding the construction of landing and processing facilities as well as capacity building of the local cooperative that housed the project. (March 2000).
- Team Leader, Drought Needs Assessment, Kalapata Location - Lodwar District – Kenya - funded by ADRA Kenya. Kalapata is one of the driest parts of Kenya in which famine is a frequent problem. ADRA was funding emergency interventions e.g. food relief as well as facilitating schooling of the pastoralist children by means of financing feeding programmes. (March 2000).
- Team Leader, Needs Assessment for Bakool Region, Somalia for the Adventist Development Relief Agency (ADRA/USAID). The Bakool region of Somalia had been negatively affected by the rampant chaos that had characterized Somalia since 1991 – primarily as a result of having no central government. ADRA was funding water production and conservation, livestock, and limited agricultural interventions for the pastoralists who occupy the Bakool rangelands. (February 2000).
- Environment and Natural Resources Consultant, Evaluation of Mbulu and Karatu Districts Rural Development Programmes, Tanzania. These two districts are medium potential areas of Tanzania with high population densities. The Dutch government was funding an integrated development programme in each of the two districts. (November/December 1999).
- Team Leader, Evaluation of EcoNews Combat Desertification and Mobilization Programme for Kenya, Uganda and Tanzania. Range degradation and desertification is a big problem for the three East African countries – Kenya, Uganda and Tanzania. EcoNews (NGO) was working with Dutch funds through local NGOs to implement

projects aimed at reducing degradation and desertification e.g. establishing national desertification funds. (July 1999).

- Team Leader, Development of Liberia National Environment Programme Document, UNDP, Monrovia. Liberia was caught up with an inter-tribal war for many years – coming to an end of sorts in 1998. A lot of the Liberian environment was damaged during the war. UNDP was working with the government to plan and implement environmental projects focused on improving environmental awareness/outreach and rehabilitation. (June 1999).
- Team Leader, Mid-Term review, IUCN Integrated Conservation and Management Project Ilkerin, Kenya. Ilkerin is home to the Kenyan pastoralist Maasai who occupy the area along the Kenya/Tanzania border. IUCN was funding a project aimed at the restoration of a forest, which had great cultural, hydrological and economic significance to the local Maasai. A local County Council was threatening to cut the forest down. (April 1999).
- Team Leader, Summative Evaluation of UNICEF, Kenya Country Programme. UNICEF has a large programme in Kenya with many projects e.g. on water supply, health, sanitation and education. The summative evaluation was conducted in a highly participatory manner. (January - April 1999).
- Coordinator, Community Wildlife Initiative Key Stakeholders Workshop, Nairobi. Despite the Community Development Trust Fund having funds for community wildlife initiatives, very few communities applied for the funds. The workshop found out that there was very little information on the CDTF funds and that the communities did not have the capacity to write proposals let alone implement the projects. (December 1998).
- Facilitator, Natural Resources Development Planning Workshop for Meatu, Maswa, Biharamulo, Karagwe, Ngara and Kahama Districts of Tanzania, Mwanza. The logical framework was used for planning purposes. (December 1998).
- Appointed ETC East Africa Coordinator, blanket contract for 3 years to provide consultancy support to the Community Development Trust Fund, Kenya. I was responsible for hiring many consultants as well as ensuring that their reports met the quality expectations of CDTF. (October 1998 – March 2001).
- Facilitator, Natural Resources Development Programme Workshop to facilitate allocation of funds for starter activities in Ngara, District, Tanzania. The need for starter activities was identified as a means of sustaining community interest in the longer-term aspects of the development projects funded by the Dutch government. (August 1998).
- Coordinator, Baseline Data Inventory and Identification of gaps for Karagwe District, Tanzania. This involved the identification of existing data gaps and the subsequent filing of the same by means of selective data collection. (June 1998).
- Facilitator, Natural Resources Development Workshop for Karagwe District Councils, Tanzania. This was a planning workshop. (June 1998).
- Consultant, Natural Resources Planning Workshop for Bukombe District, Kahama, Tanzania. This was a planning workshop for a new district that had recently been hived off another district. (June 1998).
- Facilitator, Induction Workshop for Board members of Ilkerin Loita Integrated Development Project, Kenya. The induction involved teaching the board members how to play their role of facilitating project implementation, effectively. (May 1998).
- Coordinator, Ilkerin Loita Integral Development Project consultancy support, Kenya (March 1998).
- Facilitator, Agro-Forestry visit for Karagwe Natural Resources Stakeholders in various
- Facilitator, Natural Resources Development Planning Workshop Karagwe District Tanzania (December, 1997).
- Consultant, Natural Resources Development Planning, Planning Workshop (Bukoba), Karagwe District, Tanzania (October 1997).
- Team Leader, Natural Resources Development Planning, Ngara District, Tanzania (August- September 1997).
- Team Leader, Evaluation of the Green Belt Movement in Kenya. The Green Belt Movement is a well known environmental initiative which focuses on planning trees

as a means of improving the livelihoods of poor peasants, particularly women. (August 1997).

- Team Leader, Wood-based economic and ecological energy project in Somalia, IUCN Natural Resources Programme. Since the collapse of the last formal government in Somalia in 1991, a lot of the forests have been cut down ostensibly to make charcoal. IUCN was funding a programme aimed at arresting deforestation as well as developing alternative energy sources particularly for cooking. (March - June, 1997).
- Consultant, Food and Nutrition Study Programme, Dutch Embassy, Nairobi. This was a collation exercise at the end of over 10 years of project implementation in many districts of Kenya. (February 1997).
- Environmental specialist, Impact Assessment of European Union sponsored water rehabilitation projects in the mainly rangeland districts of Hiraan and Middle Shabelle in Somalia. The programme was very effective in providing water and sanitation services during a period characterized by inter - clan fighting. However, a major finding was that some NGO intermediaries were having conflict of interest problems e.g. a contractor being hired to drill boreholes by an EU funded NGO, which is headed by his wife. (May - August 1996).

6. SUMMARY OF EXPERIENCE INCLUDING IMPORTANT RELATED CONFERENCES:

Sept 2005 – Present	Executive Director of Maji na Ufanisi – described above.
Jan 2006 to Present	Chair – ANEW - African CSO Network on Water and Sanitation – which, inter alia, promotes Integrated Water Resource Management and Advocacy in Africa. This network is made up of over 300 NGOs and local CBO networks throughout Africa dealing with Water and Sanitation policy issues. ANEW signed a landmark MoU with AMCOW (African Ministers Council on Water) in Dec 2007.
May 2008	Participated in the AMCOW led preparatory process (Cairo) leading to the July 2008 African Heads of State and Governments Summit to be held in Cairo, Egypt.
May 2008	Resource person – International Foundation for Science workshop in Nairobi
Feb 2008	Represented Maji na Ufanisi during the AfricaSan + 5 in Durban, South Africa. (February 2008)
Dec 2007	Represented ANEW during the final Africa Working Group (European Union Water Initiative) planning meeting for the International Year of Sanitation in Paris, France
Oct 2007	Represented Maji na Ufanisi and ANEW in New Delhi for the World Toilet Summit
Sept 2007	As Chairman, hosted the ANEW Annual General Meeting in Cairo, Egypt, attended by ANEW members from all over Africa
Sept 2007	Invited by the GTZ German Government to participate in the Petersburg Round Table conference (Cologne, Germany) which facilitates a strategic analysis of Water and Sanitation challenges in Africa.
Aug 2007	Made presentations at the Stockholm Water Week, Sweden, on behalf of CSO
Jun 2007	Represented Maji na Ufanisi in Cannes Water Summit, Cannes, France
May 2007	Invited to Juba by the Government of Southern Sudan to participate in a planning workshop aimed at resolving the crucial water and sanitation challenges encountered there with many persons returning to Juba
May 2007	Participated actively during the change over of the AMCOW Presidency from Uganda to Congo Brazzaville
May 2007	Invited to Washington by President of World Bank for consultation on Water challenges in Africa.
Mar 2007	Representing ANEW in World Bank / Civil Society dialogue on Water and Sanitation – Washington, DC

Mar 2007	Representing ANEW in AMCOW Technical Advisory Committee meeting in Abuja, Nigeria
Feb 2007	Co-facilitating SADC meeting of Civil Society Organizations affiliated with ANEW in the SADC region, Pretoria, South Africa
Feb 2007	Invited to work closely with Africa Water Facility, African Development Bank, to develop the facility's Water and Sanitation monitoring system
Oct 2006	Appointed Member – Africa Working Group – European Union Water Initiative.
Oct 2006	Appointed as a consultant for CDTF – Community Development Trust Fund – a Consortium made up of Government of Kenya and European Union
Jul 2006	Appointed Lead Consultant in conducting Environmental Impact Assessments by National Environment Management Authority of Kenya
Mar 2006	Presented one of the 10 best Local Actions with Global Impacts during the Kyoto Prize presentations – part of the 4 th World Water Forum, Mexico.
Feb 2003 – Dec 2004	Chief Technical Adviser for UNOPS/UNDP biodiversity conservation project in Lesotho
Aug 2002	Made presentation and displayed the work of Water and Development (NGO) during the World Summit for Sustainable Development in Johannesburg, South Africa.
1998 - Mar 2001	Coordinator, Natural Resources Management Cluster of programmes/projects, ETC East Africa.
1998 – Mar 2001	Coordinator, Three Years consultancy services by ETC East Africa to the Government of Kenya/European Union Community Development Trust Fund (CDTF).
1997	Appointed Associate Professor of Geography, Kenyatta University (February, 1997).
1995	Appointed Deputy Editor, Eastern and Southern African Geographical Journal (July, 1995).
1994	Attended an International Conference in Maastricht, Netherlands, during which the Dutch Climate Change Research Programme was reviewed (December, 1994).
1994	Appointed Advisor, UNDP, Environment and development projects (February / August, 1994).
1993	Appointed member, VERTIC (Verification Technology Information Centre, London), working group on environmental matters including water (August, 1994).
1993	Represented Climate Network African in the Inter-Governmental Negotiating Committee meeting on Climate Change, Geneva, Switzerland (August, 1993).
1993	Appointed Member, Organizing Committee, Inter-Governmental Negotiating Committee for Desertification, first substantive session, UNEP, (24 May - 3 June, 1993).
1993	Represented Climate Network Africa in the Inter-Governmental Negotiating Committee meeting on Climate Change, New York.
1993	Member, Kenya Task Force charged with the responsibility for establishing a National Climate Change Secretariat, (February, 1993).
1992	Represented Climate Network Africa in the Inter-Governmental Negotiating Committee meeting on Climate Change, Geneva, Switzerland.
1992	Attachment with DHV Consultants, Netherlands. Visited many key Dutch institutions and NGO's that are involved in environmental activities (December, 1992).
1992	Representing Climate Network Africa at the Eighth Inter-Governmental Panel on Climate Change meeting in Harare, Zimbabwe (1992).

1992
1992

Appointed Chairman, Department of Geography, Kenyatta University.
Appointed Senior Lecturer, Kenyatta University.

7. LANGUAGE SKILLS: (Mark 1 to 5 for competence, 5= excellent)

Language	Reading	Speaking	Writing
English	5	5	5
Kiswahili	5	5	5
French	3	3	3
Kikuyu (mother tongue)	5	5	5

Updated – 26th August 2008.