

CURRICULUM VITAE (CV) – MRS STELLA WANJALA



1.0. PREAMBLE

Mrs. Stella. Wanjala is a lecturer in the School of Science, Department of Biological Sciences, Environmental conservation, in Masinde Muliro University of Science and technology in Kakamega Kenya. She is a PhD student at University of Eldoret, Kenya, registered to pursue a Doctor of Philosophy degree in Environmental conservation. She holds a Master of Philosophy degree (MPhil) in Zoology (Ecology) (conferred in 2009), a Bachelor of Education Science (Biology major) (conferred in 2003), both from Moi University. She has undertaken specialized professional courses such as Post graduate studies in Limnology and **Environmental Impact Assessment** awarded by Austria/Egerton Collaboration and Moi University respectively. She has worked as a member of team of experts in Environmental Impact assessment activities in Kakamega County in market building projects, degazettement of 30% of Turbo Forest and management plan making for King'wal and Kibirongó wetlands in Nandi County. In community outreach, Stella is a Co- founder of a Non-Governmental, Non- Profit-making organization (**Women in Water and Natural Resources Conservation, WWANC**), that has reached out to grassroot women through trainings and mentorship with the aim of improving the health and economic status of women, infants and girls. The organization has formed women Climate change accelerator groups that assess climate change impacts and train communities on mitigation and adaptation measures.

On-going projects in the organization implemented by women, under the supervision and management of WWANC include the following:

- Climate smart entrepreneurship trainings in Taita Taveta, Nakuru, Narok, Kakamega, Bungoma (Mt. Elgon), Busia, Nandi, Makueni and Kitui Counties in Kenya.
- Community climate resilience in the above counties in Kenya.
- Farmland fruit trees for livelihood project in the aforementioned counties.
- Kakamega tropical rain forest restoration through planting of indigenous tree by women and youth groups.

- Water sanitation and hygiene community projects including construction of rain water harvesting tanks and pit latrines in schools and health facilities.
- Environmental education in schools
- Girl child mentorship
- Women and girls' leadership trainings.
- Self Help Group (SHG) empowerment for the poorest of the poor women in society through economic (saving and table banking), social and political empowerment.
- Promotion of community psychosocial support to women and girls through trainings on handling gender violence.
- Agribusiness and human-wildlife conflicts in ASAL areas in Kenya.
- Regional collaboration in climate resilience and WASH with organizations in Uganda, (Uganda women water initiative, UWWI) and Tanzania (BUWEA).

In Kakamega County and through WWANC, I am involved in training women and Youth groups in Water and Sanitation programs, Basic entrepreneurial skills as well as Environmental Conservation and Green economy programs, after undertaking short courses/trainings in the said areas in collaboration with **WOMEN GLOBAL CONNECTION, WOMEN EARTH ALLIANCE, INTERNATIONAL TREE FOUNDATION and GLOBAL WOMEN WATER INITIATIVE** as funding organizations for water and climate change adaptation and mitigation capacity building of women in their grass root, community groups.

2.0. BIODATA

2.1. PERSONAL INFORMATION

Name:	Wanjala Stella Wamalwa
Sex	Female
Date of birth	1st March 1969
Age	51 years
Home County	Kakamega
Nationality	Kenyan.
National ID No.	9799614
Religion	Christian
Marital status	Married

2.2. CONTACTS

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2.3. Language proficiency: English: Excellent, Kiswahili: Good, Luhya: Excellent

2.4. Computer Skills: Office packages: Excellent

3.0. ACADEMIC QUALIFICATIONS

3.1. EDUCATIONAL BACKGROUND:

LEVEL OF TRAINING	YEAR	UNIVERSITY ATTENDED	COURSE FOLLOWED	QUALIFICATION AND AWARD
Doctoral	2015 to date	Moi	Doctor of Philosophy in Ecology	Submission of thesis stage.
Masters	2006-2009	Moi	Master of Philosophy in Aquatic, Ecology	Masters' degree (Awarded in 2009)
Undergraduate	1999-2003	Moi	Bachelor of Education (Science)	Second Class Honors Upper Division Degree (Awarded in October 2003)
Diploma in Education	1989-1991	Egerton	Diploma in Agriculture Education	Diploma with Credit (Awarded in October 1992)

3.2. Professional courses attended

YEAR	COURSES ATTENDED	SPONSER
2005	International Post Graduate Training Program in Limnology	Austria Academy of Sciences Institute for Limnology and Egerton University
2011	Environmental Impact Assessment	Moi University, School of Environmental Science

4.0. EMPLOYMENT/WORK RECORD

4.1. Profile of current employment

2012 to date

Lecturer in the department of Biological Sciences, (Environmental conservation), School of Science at Masinde Muliro University of Science and Technology, Kenya.

1992-2012

High School Biology and Chemistry teacher

5.0. SHORT COURSES/ TRAININGS/WORKSHOPS:

- 5.1. Participant in GEDLSID research project on gender equality and social innovation dimensions funded by University of Ottawa in collaboration with Omprakash partners.
- 5.2. **November 2019:** Global service learning and social innovations organized by Omprakash Organization at Clemson University, South Carolina.
- 5.3. **March 2019 to 2021:** Series of trainings for local grassroot community women and youth on climate resilience and COVID 19 Response activities funded by WOMEN EARTH ALLIANCE.
- 5.4. **July 2020 to 2021:** Series of trainings for women and youth on TREES FOR LIVELIHOOD AND CLIMATE CHANGE RESILIENCE funded by International Tree Foundation, (ITF).
- 5.5. **April 2018:** Role of parents, patients and medical staff in management of people living with Haemophilia and other bleeding disorders: Held in Cairo Egypt and organized by the World Federation of Haemophilia.
- 5.6. **DECEMBER 2014:** Strengthening Democratic Governance and Accountability in Kenya training Offered by Institute of Education in Democracy
- 5.7. **AUGUST 2014:** Leadership training offered by National Democratic Institute, Kenya
- 5.8. **2013-2014:** Business training of trainers for small and medium Enterprises by Partners Worldwide, Kenya.

- Business training curriculum
- Building a strong business
- Review of business plans
- Biblical worldview and business ethics and values
- Shaping your brand, business name vision/ mission statements and goal setting
- Managing business relationships and boundaries
- Pricing and cost analysis
- Money management
- Marketing/SWOT analysis
- Management of personnel, time, inventory, and operations
- Other management logistics

5.9. 2013 - 2014: Business training for small and medium Enterprises by Partners Worldwide, Kenya.

- Building a strong business
- Overview of business plan
- Business as a mission
- Biblical overview of business
- Business ethics
- Building business walls
- Framing business doors and windows/ pricing and cost analysis
- Money management/ income statement and balance sheet
- Marketing
- Sector and industry analysis
- SWOT analysis
- Customer satisfaction
- Business registration, taxes and sources of funding

5.10. 2013: Women led WASH service centre training by Global Women's Water initiative (GWWI) and Women in Water and Natural Resource Conservation (WWANC):

- Basic entrepreneurship for grassroot women groups
- Table banking and microfinancing among women groups
- Business planning, Costing, pricing and marketing
- All-purpose soap making and marketing,
- Crème Hand soap making and marketing
- Proposal writing by groups
- Community resource mobilization
- Advocacy

- Participatory Integrated Community Development (PICD)
- Construction of V.I.P toilets by grassroot women

5.11. 2012: Women led WASH service centre training by Global Women’s Water initiative (GWWI) and Women in Water and Natural Resource Conservation (WWANC)

- Construction and operations of rainwater harvesting system (Interlocking Stabilized Soil Blocks tank, ISSB)
- Participatory Integrated Community Development (PICD)
- Advocacy
- Community resource mobilization
- WASH

6.0. COMMUNITY SERVICE AND OUTREACH PROGRAMMES

6.1. Organized and participated in COVID 19 response and floods victims support activities including providing soap, hand wash, masks and food stuff in Navakholo sub-county, Kakamega County.

6.2. Trained women in their groups on tree nursery preparation, planting and management.

6.3. Organized women in their groups to plant 8,000 trees in Navakholo sub-county.

6.4. 2018 to 2020: Working with women groups in Navakholo, Malava, Busia, Mt. Elgon, Nakuru, Narok, Kitui and Taita Tavet to capacity build them in the areas of Climate change adaptation and mitigation activities as alternative livelihoods.

6.5. 2012- To date: Founder and community WASH, Women in Water and Natural Resources Conservation organization (WWANC) Basic entrepreneurship for grassgroup women groups

6.6. Community Sensitization/ trainings

- Trained women groups and initiated Table banking and loaning facilities among women groups in Kakamega County (**Through Ministry of Trade, Kakamega County**)
- Trained women groups in Business planning, Costing, pricing and **marketing (Through Ministry of Trade, Kakamega County)**
- Trained women in all purpose soap making and marketing, (**through Global Women Water Initiative, Kenyan Chapter**)
- Trained women in Crème Hand soap making and marketing, (**through Global Women Water Initiative, Kenyan Chapter**)
- Trained women in proposal writing by women groups, (**through Global Women Water Initiative, Kenyan Chapter**)
- Trained women in Community resource mobilization, (**through Global Women Water Initiative, Kenyan Chapter**)

- Advocacy and lobbying for involvement of women in community development, **(through Global Women Water Initiative, Kenyan Chapter)**
- Trained women in Participatory Integrated Community Development (PICD), **(through Global Women Water Initiative, Kenyan Chapter)**
- Trained women in Construction of V.I.P toilets Construction and operations of rainwater harvesting system using Interlocking Stabilized Soil Blocks tank, **(through Global Women Water Initiative, Kenyan Chapter)**
- Trained women in Community resource mobilization to enhance community and individual economic development, **(through Global Women Water Initiative, Kenyan Chapter)**

6.7. **April 2010 to date:** Consultant ecologist in LVEMP supported team tasked to write a community- based wetland management plan for King'wal and Koyo /Kibirong wetlands in Nandi County.

6.8. Training in Environmental and Social Impact Assessment by Moi University, School of Environmental Science.

7.0. MEMBERSHIP TO PROFESSIONAL ORGANIZATIONS

- Omprakash Digital learning platform
- Global Women Water Initiative (GWWI)
- Kenya Climate Justice Women Champions (KCJWC)
- Women in Water and Natural Resources Conservation (WWNC)
- East Africa Water Association, (EAWA)
- King'wal Wetland Conservation group,
- Africa women scientists and Engineers

8.0. SCIENTIFIC PUBLICATIONS:

- **2021. S. N Wanjala; P.O. Raburu; J.M. Mumbe: Macroinvertebrate assemblages as indicators of ecological integrity in King'wal wetland, Nandi County.**
- **2020. S. N Wanjala; P.O. Raburu; J.M. Mumbe: Utilization and management of wetland resources in King'wal wetland, Nandi County.**
- **2014. Vuyiya Esther¹, Konje Martha¹, Tsingalia Harrison³, Obiet Lenard¹, Kigen Charles¹, WamalwaStella¹ and Nyongesa Humphrey² The impacts of human activities on tree species richness and diversity in Kakamega Forest, Western Kenya**
- **2014. A. O. Achieng', P. O. Raburu, L. Okinyi & S. Wanjala (2014) Use of macrophytes in the bioassessment of the health of King'wal Wetland, Lake Victoria Basin, Kenya, Aquatic Ecosystem**

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9.0. REFEREES

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