

CURRICULUM VITAE

Personal Information:



Name : Wamono Emma

Date of Birth : Dec 18,1994

Nationality : Ugandan

Gender : Male

Marital status : Married

Religion : Christian

Contact Address:

Busitema University faculty of science and education, department of geography
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Permanent Address: Manafwa Town Council, Bubulo West County, Manafwa District.

Education Background

2023 Aug to Date PhD (Candidate) in Biodiversity Conservation and Management (Busitema University)

Dissertation title: “Impact of anthropogenic stressors on ecosystem health and potential in-stream restoration measures of river Manafwa catchment in eastern Uganda”

2019-2022 MSc. in Geographical Environment and Pollution Control (Zhejiang Normal University-China)

Dissertation title: “Research on the characteristics of air pollution in Jinhua urban area based on the observation data in the past 5 years (2016-2020).”

2015–2018: Bsc. Edu, (Geography and Computer Studies)-**Busitema University**

Dissertation title: “The impact of waste management practices on the Biophysical Environment in Mbale Municipality, Mbale district in Uganda.”

2013-2014: Uganda Advanced Certificate of Education (Bududa Secondary School, Bududa)

2009-2012: Uganda Certificate of Education (Bubulo Secondary School, Manafwa)

2001-2008: Primary Leaving Examinations (Nanyotso Primary School, Manafwa)

Areas of Professional Expertise

1. Teaching Geography and Computer Studies
2. Supervising undergraduate research students
3. Teaching Environmental related Courses
4. Curriculum development

Work Experience

2022 – to date: Senior Graduate Fellow, Department of Geography-Busitema University Tororo.

2018-Aug 2019: Teacher of Geography and Computer studies-Bubulo Girls High School,
(Manafwa district)

Courses Taught in the Department of Geography at Busitema University & Livingstone International University (School of Education)

GEO 2101 Spatial Organization of Human Environment

GEO 2102 Geomorphology

GEO 3204 Geography of Uganda

GEO 1103 Population Geography

GEO 2201 Climatology

GEO 1201 Geography of East Africa

GEO 1202 Geography of world Economies

GEO 3102 Environmental impact assessment

GEO3103 Biogeography

Research Experience

2022-to date Busitema University

1. Sampling of water quality data
2. Collection of Macroinvertebrates data from the aquatic environment
3. Data analysis and interpretation

4. Publishing of manuscripts
5. Research collaborations

Sept 2019 –2022 Zhejiang Normal University, China.

1. Sampling of PM_{2.5} samples in both winter and summer seasons.
2. Assisted in lab maintenance and organization.
3. Carried out experiments on the collected samples.
4. Performed statistical analysis on data sets using Origin lab and Hysplit Modal.
5. Analysed samples of five years data from the government monitoring stations.
6. Worked together with my classmates and we managed to publish an article.

Published Papers

1. Silas A, **Wamono E.** & Andama, E. (2026). *Urbanisation, Tree Species Diversity, Carbon Stocks and Ecosystem Services in Developing Cities in Sub-Saharan Africa: A Critical Review. East African Journal of Environment and Natural Resources*, 9(2), 1-17. <https://doi.org/10.37284/eajenr.9.2.4798>.
2. **Wamono, E.**, Turyahabwe, R., Ochieng, H. & Andama, E. (2025). *Advancing River Health Assessments in the Tropical African Region Through Integrating Community participation, Restoration Strategies, and River Order Sampling – A Review. East African Journal of Environment and Natural Resources*, 8(3), 322-337. <https://doi.org/10.37284/eajenr.8.3.3906>
3. Yeshun Peng, Tingting Yan, Jianming Feng, **Wamono Emma** and Ting Guo. *The influencing factors of SO₄²⁻ and NO₃⁻ in PM₁₀ in Jinhua, China.* <http://dx.doi.org/10.21474/IJAR01/12786>
4. Remigio Turyahabwe, Joyfred Asaba, Andrew Mulabbi, **Wamono Emma**, Paul Makoba Gudoyi. *Environmental and Socio-Economic Impact Assessment of Solid Waste Management Practices in Mbale city, Uganda.* <https://dx.doi.org/10.4314/gjg.v14i3.3>
5. Turyahabwe, R; Turyabanawe, G. L; Andama, E³; Othieno, T; **Wamono, E¹** ·*Spatio-Temporal Variations in Water Quality and Fish Assemblages in Odoponyi Seasonal Stream as a response to disturbance from Selected Agricultural Landscapes in Tororo, Uganda* <https://dx.doi.org/10.4314/jasem.v27i9.2>

Awards

1. **BURIF Fund** award of *15M for my doctoral research.*
2. August 2023 – Date; PhD Scholarship at Busitema University from the graduate fellowship scheme (*Tuition waiver for all the three years*).

3. September 2019 - June 2022; Masters scholarship at Zhejiang Normal University (China) from the Chinese Government under the *Chinese Government Scholarship (CSC) (CSC No. 2019ZFY002584)*.

Membership

1. Member of hope for life Club.
2. Member of Nature Uganda.
3. Member of science Club.
4. Member of Scripture Union Busitema University Pentecostal Church.

Training/Conferences attended

4th international symposium on China-Africa Science and Technology Cooperation held on 1st December 2021 at Zhejiang Normal University.

1. Entrepreneurship Training held on 26th October 2021 held at Zhejiang Normal University.
2. China Africa Cooperation held on 13th November 2020 and 2nd December 2021 in Zhejiang Normal University.
3. Environmental change and its causes held on 4th December 2019 held at Zhejiang Normal University.
4. Rural development in sub-Saharan Africa, prospects productivity and food security on 26th November 2019 in Zhenjiang Normal University.

Volunteering work done

Scripture Union Busitema University Pentecostal church in Youth camps 2015-2018.

Leadership Responsibilities held:

Aug 2023-Up to date: Coordinator PhD class of Biodiversity Conservation and Management-Busitema University

Jan 2024 up to date: Department of Geography representative to the Faculty of Science and Education time table committee -Busitema University

Nov 2022-Up to date: Examinations master at the department of Geography-Busitema University

March 2020- March 2021: Commissioner Zhenjiang province Ugandan Students Association in China.

- Overseeing all Ugandan students studying in different Universities in Zhejiang Province.

- Making announcements in our WeChat group from the Embassy concerning our wellbeing as we pursue our studies in China.
- Responsible for keeping records of all Ugandan students studying in different Universities in Zhenjiang Province.

2017–2018 Male Faculty Representative, Busitema University Faculty of Science Education in Uganda.

- Responsible for student’s welfare and academic planning representative to the Board of Governors of the Faculty of Science and Education Busitema University.
- Attend project planning meetings of the Faculty of Science and Education of Busitema University as a Student representative to contribute on the student’s behalf.

2018 Nov-2019 Aug. Deputy Head of department Geography– Bubulo Girls High School.

July 2016–July 2017 Chief Mobilizer- Busitema University Hope for life club.

- Write memos and announcements of the club activities.
- Mobilize members to attend meetings and contributions.

Sept 2015 - May 2018 Busitema Education for sustainable development association

(Member)

- Attend and participate in the activities of the association.

Skills:

- ✓ Research analysis and dissemination
- ✓ Data collection and management (Kobo toolbox and ODK Collect)
- ✓ Laboratory skills
- ✓ Human Resource Management
- ✓ Public relations and communication
- ✓ Computer applications and windows maintenance (XP, Windows 7, 8, 10 & 11)
- ✓ Teamwork and leadership.

Softwares

- MS windows server-Good
- MS Office; PowerPoint, word, excel - Good Endnote - Good
- Origin lab- Good
- Hysplit Model-Good
- R
- SPSS

Academic Supervision

- Supervised 10 undergraduate researches at Busitema in Geography

Languages:

Language	Written	Spoken
English	Fluent	Fluent
Gishu	Fluent	Fluent
Luganda	Fluent	Fluent
Kiswahili	Fair	Fair
Chinese	Fair	Good

Community service:

I have participated in community service in schools and communities around Busitema University in Tororo district since when I was an undergraduate student in the same university. We have done school outreach activities in both primary and secondary schools.

Activities include career guidance, guidance and counselling, mentorship of club leaders, planting trees, offering talks on sanitation and hygiene, practically teaching in secondary schools especially those schools which lack science teachers. These activities were done through these two associations; Hope for Life and Nature Uganda. Hope for Life aims to achieve SDGs and Nature Uganda is for the conservation of the environment.

In community outreaches, we have cleaned the nearby trading centres and health centre IV where most of the students go for treatment. We gave talks to the different stakeholders to maintain hygiene and sanitation and also plant trees whenever we visit the communities.

We did community service within our own university where we cleaned the entire campus as a campaign for proper garbage management.

Referees

1. Dr. Turyahabwe Remigio

Lecturer and Head of Department Geography, Faculty of Science and Education

Busitema University, P.o Box 236, Tororo, Uganda

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2. Assoc. Prof. Olema Kani David

Dean Faculty of science and education Busitema University

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3. Assoc. Prof Edward Adama

Former Dean Faculty of Science and Education, Busitema University

P.o Box 236, Tororo, Uganda

Tel: +256 772-464279/+256 704-281806

E-mail: andamaedward@gmail.com

4. Assoc. Prof Guo Ting

Dr. of sci. at the College of Geography and Environmental Science,

Zhejiang Normal University, Jinhua, China,


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DECLARATION:

I WAMONO EMMA declare to the best of my knowledge that the information given in this curriculum vitae is right and correct to the best of my knowledge to describe me.

Signature  Date: 4th April 2026.