


Academic Staff Profile Template

1.1 Personal Profile

1.1.1 Personal Details

<p>Name: CHRISTINE MAJALE Title/Qualification: PhD Department: ENVIRONMENTAL PLANNING AND MANAGEMENT Designation/Position: LECTURER Email: majale.christine@ku.ac.ke; tmajale@yahoo.com Contact Address: Box 4788-00506 NAIROBI Area of Specialization: - Service and infrastructure planning and provision - Environmental Policy Research Interests: -Waste management and quality of life - Gender dynamics and resource management ORCID ID: https://orcid.org/0000-00029068-5714 ResearchID:1-6753-2015</p>	
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1.1.2 Academic & Professional Qualifications

Academic Qualification

- 2011: PhD in Environmental Policy, Wageningen University, The Netherlands
- 2003: Master of Environmental Planning and Management, Kenyatta University
- 2000: Bachelor of Environmental Studies (Science), Kenyatta University

Professional Qualification

2015: Completed a Course on Impact Evaluation Research in Nairobi-Safari Park Hotel by World Bank and African Population and Health Research Center.

2016: Completed Training on Trans-disciplinary Research by Network of African Science Academies (NASAC)

2016: Completed Training on Proposal Writing under Climate Impacts Research Capacity Leadership Enhancement (CIRCLE) by Association of Commonwealth Universities

2019: Completed a course on Design Thinking by KU in collaboration with Mount Kenya University- and Partner universities from Germany

1.1.3 Employment History

- 2011 to date: Lecturer, Department of Environmental Planning and Management, Kenyatta University

- 2005 to 2011: Tutorial Fellow, Department of Environmental Planning and Management, Kenyatta University
- 2004 to 2005: Research Officer, Kenya Organization of Environmental Education, Nairobi.

1.1.4 Achievements

Post-doctorate position under the Climate Impacts Research Capacity Leadership Enhancement (CIRCLE) fellowship programme

1.2 Publications

1.2.1 Referred Journals

Loki M., Aloyo P., **Majale C.** and Kigundu S. (2020). The Typology of Public Open Spaces: Classification and Challenges from Machakos Municipality, Machakos County, Kenya. *International Journal of Advanced Research*, Vol. 8, Issue 12, pp241-255.

Wekisa E. and **Majale C.** (2020). Spatial Distribution of Waste Collection Points and Their Implications on Quality of Life in Mombasa County, Kenya. *Journal of Urban Management*- Volume 9, Issue 2, Pp 250-260. <https://doi.org/10.1016/j.jum.2020.02.003>

Majale C. Kitonga J. and Mugenya K. (2016). Waste Management Value Chain Mapping and Analysis in Low Income Neighborhoods- Nairobi, Kenya. *Journal of Solid Waste Technology and Management* Vol. 42 No.4, pp278-286

Majale C. and Mireri, C. (2014). Cooperation among Small Urban Centres in the Lake Victoria basin as a Necessary Strategy for Managing Solid Waste: The Case of Kisii, Homa bay and Migori municipalities. *International Journal of Environment and Waste Management* Vol. 13, No.4, pp412-428.

1.2.2 University Level Scholarly Books

Majale C. (2011). *Modernising Solid Waste Management at Municipal Level: Institutional Arrangements in Urban Centres of East Africa*. The Netherlands: Wageningen Academic Publishers-open access

1.2.3 Book Chapters

Majale, C. L. (2013). Policy Arrangement for Waste Management in East Africa's Urban centres in : *Environmental Change and Sustainability*, Eds. Silvern, S. and Young, S. InTech - open science | open minds. ISBN 978-953-51-1094-1 (<http://www.intechopen.com/books/environmental-change-and-sustainability/policy-arrangement-for-waste-management-in-east-africa-s-urban-centres>)

Majale, C., Oosterveer, P. and Mireri, C. (2014). *Urban Waste and Sanitation Services for Sustainable Development: Harnessing Social and Technical Diversity in East Africa*. Eds. Van Vliet, B. Van Buren, J. and Mgana, S. 2014. [Routledge Studies in Sustainable Development](#). ISBN 978-0-415-83377-6

1.2.4 Refereed Learning Modules

- a. Module EPM 341: Development Control
<https://kusoma.ku.ac.ke/course/view.php?id=6079>
- b. Module EPM 471: Urban Planning Studio 4A
<https://kusoma.ku.ac.ke/course/view.php?id=4808>
- c. Module EPM 892: Research Project
<https://kusoma.ku.ac.ke/course/view.php?id=4067>

Refereed at Kenyatta University and uploaded online

1.2.5 Short communication in Journals

Majale C. and Kitonga, J. (2015). Waste Management Value Chain Mapping and Analysis in Nairobi's Low Income Neighborhoods in: A Glance at the World. *Waste Management* 43 (2015) I-IV.

1.2.6 Scholarly Presentations at Conference/Workshops/Seminars

Solid Waste management Trends in Urban Kenya in Naivasha, Kenya. On 27th November 2014 by UN-Habitat

<https://unhabitat.org/waste-management-key-to-poverty-alleviation-among-africas-youth>

Transitioning to pathways of sustainable Development: The Case of Nairobi presented at Ain Shams University in Cairo- Egypt on 29th February 2016

1.3 Funded Projects

- In 2021, Under “*Governing solar electronic waste recycling in Kenya*”, together with colleagues from Technical University of Denmark and University of Nairobi received grants for the project from Danida Fellowship Centre. Within Kenyatta University, I am a Co-leader and we have two Post-doctorates who benefit from the grant
 1. Dr. Godwin Opinde
 2. Dr. Mugendi
- From 2016, Under Sustainable Urban Sanitation Regimes in Africa (SuSARA) in Nairobi, Kenya I collaborate with Prof. Dr. Bernhard Truffer of Eawag- Swiss Federal Institute of Aquatic Science and Technology

Within this programme:

1. one of our Master students in the Department (Ednah Samuel Moraa-N50/CTY/PT/31113/2015) wrote her Thesis in the Swiss Federal Institute.
 2. One PhD student joined as a follow up (Gordon Ocholla-N85/27707/2018) and got an opportunity to travel to Switzerland to write part of his Thesis (October 2020-December 2020)
- Under the Centre for Natural Resources Management (CNRD)- KU, Kenya. With financial support from DAAD and colleagues from other universities, we developed Master Programme within the framework of Integrated Masters in Resource Efficient Cities (IMaREC) to be housed in the School of Architecture and Built Environment once approved.

1.4 Conferences/Workshops/Seminars Attended

1.4.1 Workshops Attended

Attended Workshop on PROVIDE for Impact Launch of Urban Waste and Sanitation Network on 18th- 19th September 2014 at Arusha- Tanzania

Attended Workshop on ‘Towards Harnessing Waste and Developing a Sustainable Waste Management in Urban Kenya’- 27th to 30th November 2014 in Naivasha Kenya

Attended Scientific Workshop on Impact Evaluation research in safari Park, Nairobi on 5th- 8th May 2015

Attended Workshop on Developing Integrated Masters Curriculum for Resource efficient Cities (IMAREC) in Cologne German- December 2015-funded by DAAD

Attended Workshop on Developing Integrated Masters Curriculum for Resource efficient Cities (IMAREC) in Cairo Egypt- 28th February- 3rd March 2016 funded by DAAD

Attended Workshop by CIRCLE on Proposal Writing on 15th to 16th February 2016 in Nairobi- Kenya

Attended IMAREC Workshop in July 2016 at San Louis Pottosi in Mexico on Developing modules for the Integrated Masters programme. Funded by DAAD.

Attended IMAREC Workshop in April 2017 at Kenyatta University, Kenya on Developing modules for the Integrated Masters programme. Funded by DAAD.

Attended SUSARA workshop at KUCC- Kenyatta University on 6th July 2018

Attended Workshop on learning by Co-Design-Teaching is Research 3rd to 25th 2019 in Cologne Germany funded by DAAD.

Attended workshop on Design Thinking -Collaboration Between Kenyatta University and Mount Kenya University in 2019

1.5 Supervision of Postgraduate Students

1.5.1 Masters

2010: Opinde Godwin Omondi N50/10397/2008: Actors and their contributions to Solid Waste Management in Eldoret Municipality, Kenya.

2011: Mureithi Anne Waithera N50/13427/2009: Sustainable Management of Solid Waste in Fast Food Outlet- A Case Study of Nairobi Central Business District

2012: Yvonne Twizerimana N50/EA/20967/2010: The Impact of Poor Sanitation in Kangondo and Kibiraro Unplanned Settlement in Gasabo District, Kigali, Rwanda

2013: Kitur David N50/24115/2010: Assessment of Environmental Governance in Solid Waste Management- A Case Study of Nakuru Municipality, Nakuru County

2013: James Kitonga N50/13409/2009: An investigation into the factors influencing Apiculture in Arid and Semi-Arid Lands of Kenya- Case Study of Central Division, Mwingi District, Kitui County

2015: Callistus Anyika N50/CTY/PT/20471/12: An assessment of Bio-Indicators in Kakamega County's Machalder Mines Garbage Dumping Site

2015: Chepngeno Beatrice Kemei N50/CTY/PT/24981/2013: Evaluating The Efficiency of Solid Waste Management in Cement Manufacturing Industries in Kenyan: A case Study of East Africa Portland Cement Company Limited.

2015: Cheserek Kiprotich Titus N50/24635/2013: Water Supply and Demand Management in Iten Town, Elgeyo Marakwet

2010 : Simiyu Elizabeth Nelima E55/CE/24387/10: Effects of Socially Maladjusted Behaviour on Academic Performance of Learners in Public Primary Schools In Kasarani District, Nairobi County, Kenya

2013: Malawi John Paul N50/CTY/PT/28123/2013 : Value Addition of Plastic Waste in Buruburu and Mathare Neighborhoods, Nairobi County.

2014: Beatrice Adoyo N50/CTY/PT/27208/2014: Invasive alien species & their Implications on biodiversity ecosystem services & human livelihood in Baringo

2018: Ezra Wekisa N50/CTY/PT/32467/2015: Spatial Distribution of Waste Collection Points and Their Implications on Quality of Life in Mombasa County, Kenya

1.5.2 Ph. D

2011: Mwanzia Patrick Mwendwa N85/20723/2012 Role Of Non-Timber Products Extraction on Kakamega Forest Plant Biodiversity Loss And Community Livelihoods

2011: Willy Mwangi C82/22577/2011 Participation of Men and Women in the Management of Domestic Solid Waste in Kiandutu Informal Settlement. Thika Sub-County, Kenya

2015: Polycarp Mogusu: N85/32694/2015 Role of Urban Open Spaces in Post Disaster Recovery in Informal Settlements in Nairobi County

2016: Hannah Kinuthia: N85/37554/2016 Peri-Urban Land Speculation and Its Implication on Land Development in Ruiru Sub-County, Kiambu County

2017: Maureen Kaleha Amayi: N85/38749/2017 Corporate Responsibility in Water Resource Management Among Flower Growing Firms in Naivasha Sub-County Kenya

1.6 Professional/Consultancy (Editor/Peer review in journals, Networks/Collaborations, External Examiner, Patents)

-Peer Reviewer

2019/2020 Reviewer, Journal of Land management and Appraisal

2015 Reviewer, Journal of Cleaner Production

2014 Reviewer, International Journal of Environment and Waste Management
2012 Reviewer, International Journal of Water Resource and Environmental Engineering
2012 Reviewer, Habitat International

-Networking/Collaborations

2015 November to 2019: Development of Joint Interdisciplinary Masters Programme on Resource Efficient Cities in collaboration with Ain Shams University (Faculty of Engineering), Cairo, Egypt ; TH Köln (University of Applied Sciences), Institute for Technology and Resources Management in the Tropics and Subtropics (ITT) - German; University Gadjah Mada (Faculty of Geography), Yogyakarta, Indonesia and Autonomous University of San Luis Potosí, (Agenda Ambiental), San Luis Potosí, Mexico

2015 November to 2018: Spearheading Collaboration with Swiss Federal Institute of Aquatic Science and Technology to undertake research project on Sustainable Urban Sanitation Regimes in Africa (SuSARA) in Nairobi, Kenya. Within this programme, one of our Masters students in the Department will write her Thesis in the Swiss Federal Institute.

2015 to Date: Networking with the Wageningen University. Formation of the Wageningen Alumni Kenyan Chapter which offers a platform to foster several positive gains

1.7 Community Service and Other Engagements

- **The Riara springs Girls High School-** The Annual Career Day on 4th July 2015:

- 1) Expose the students to different careers in the job market.
- 2) Equip them with first-hand information through open discussion with professionals.
- 4) Help students understand the concept of career development.
- 3) Enlighten students on the subject clusters for different careers through talks on admission requirements.
- 5) Sensitize learners on the need to work smart during in high school as they prepare for their future careers.

-**Samia Girls Secondary School** – The Annual General Meeting on 30th January 2020
As a chief Guest to motivate the students

1.8 Affiliation of Professional Bodies

-Lead Expert: National Environmental Management Authority

2.1 Administrative Positions Held

2.1.1 Recognized university administrative positions

- UNESCO Chair KU HEDGES Technical Working group -2020
- Committee on Tree Planting in Partnership with KFS-2019
- Member University Environmental Committee-2012

2.1.2 Other administrative positions Held

- School Examination Coordinator
- Departmental Chair of postgraduate studies
- Departmental City Campus coordinator