

CURRICULUM VITAE



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WORK EXPERIENCE:

2015- Present- Maasai Mara University. **Associate Professor** at the Department of Environmental Studies, Forestry and Agriculture.

2012- 2015 Jomo Kenyatta University of Agriculture and Technology- **Senior Lecturer** at the Department of Land Resources Planning and Management.

2011- 2012- Kenyatta University. **Lecturer** at the Department of Environmental Planning and Management.

2003- 2011- Kenyatta University. **Ass. Lecturer** at the Department of Environmental Planning and Management.

2007 – 2010- University of Waikato- **New Zealand.** Doctorate researcher.

Jan- April 2000 - Kenya, VI Agroforestry Project. Project monitoring and evaluation Intern.

APPOINTMENTS:

2015- Present: National Land Commission- Kenya. Chairperson, Murang'a County Land Management Board .

2014- 2015: Jomo Kenyatta University of Agriculture and Technology- Faculty of Agriculture- Member Board of Postgraduate Committee

2011- 2012- Ministry of Local Government- A member of a team preparing National Urban Development Policy for Kenya. In National and County Urban Planning Thematic Group.

Sept 2011- Nov 2011- National Environment Management Authority- Member of Technical Advisory Committee (TAC) on EIAs. Reviewing Konza, Kiu and Kiima Subdivision proposals.

June 25- July 27 2011- Kenyatta University- Acting head of Department of Environmental Planning and Management.

EXTERNAL AND INTERNAL THESIS EXAMINER:

1. **Abraham Koskey Biwott** - An assessment of the implementation of participatory forest management (PFM) by Ngong road community forest association (CFA) in Kenya. **Kenyatta University - Msc Thesis- May, 2014.**
2. **James Ayusa Makini** - Effectiveness of the management strategies of human-wildlife conflicts at Kitengela, Kajiado County. **Kenyatta University - Msc Thesis May, 2014.**
3. **Mwando Robert Ngile** - Participatory management of water resources by key stakeholders in Machakos District, Machakos County, Kenya. **Kenyatta University - Msc Thesis -May, 2014.**
4. **Wachera Ruth Wanjiru**- Potential of biogas technology in small holder dairy farming in Nyeri County, Kenya. **Kenyatta University - Msc Thesis -May, 2014.**
5. **Abdirahman Hussein Abdow** - Impact of Lime/Whitewash Mining on the Environment in Wajir East, Wajir County, Kenya. **Kenyatta University - Msc Thesis- May, 2014.**
6. **Joseph Kihoro** - Rice blast disease mapping and suitability analysis for rice growing site in great Mwea Region. **Jomo Kenyatta University of Agriculture and Technology - Msc Thesis- May, 2014**
7. **Mohamednur S. Bulle** - An assessment of utilization of River Daua and its impacts on Livelihoods of farming communities in Mandera County, Kenya. **Kenyatta University - Msc Theses- October, 2013**
8. **Mwangi Lawrence** - Effects of vegetation degradation on community livelihoods in Meru North, Meru County. **Kenyatta University - Msc Thesis -October, 2013**
9. **Kiarie Lucy Njeri** - Poverty reduction interventions in Kiandutu slum, Thika, Kiambu County. **Kenyatta University - Msc Thesis- May, 2013.**
10. **Kithandi Rosinah Mbenya** - Utilisation and sustainability of bio-centres in Kibera slums, Nairobi. **Kenyatta University - Msc Thesis- May, 2013.**
11. **Francis Njoroge Kabochi**- Social economic factors affecting production of indigenous food crops among small-scale farmers in Narok County, Kenya. **Kenyatta University - Msc Thesis- May , 2013.**

QUALIFICATIONS:

Ph.D Environmental Planning. University of Waikato, New Zealand (2007 – 2011). **Thesis Topic-** *HUMAN GEOGRAPHIES OF RURAL-URBAN FRINGE: Social dynamics of land development in the Nairobi rural-urban fringe.*

Master of Environmental Planning and Management, Kenyatta University, (2000 - 2002).
Dissertation Topic- *Potential for biodiversity conservation in smallholding farming system in Murang'a, Kenya.*

Bachelor of Environmental Studies (Planning and Management). Kenyatta University (1997- 2000).
Dissertation topic- *Incorporation of community perspectives in planning for soil and water conservation.*

Kenya Certificate of Secondary Education (KCSE). Murang'a High School. 1992- 1995.

Kenya Certificate of Primary Education (KCPE). Njumbi Primary School. 1983- 1991.

TRAINING:

Certificate in Doctoral Supervision. Swedish University of Life Sciences and Makerere University. **August 18-19, 2014**

Certificate in Effective Teaching. Jomo Kenyatta University of Agriculture and Technology. **May 20- 21, 2013**

Certificate in Facilitating multi-actor collaboration for sustainable resources management Centre for Sustainability Management HUBrussel University College (Belgium), **April 16-25, 2012.**

Certificate in Public-Private Partnership in Urban Environmental Services Delivery. UNDP-Yale University Joint Graduate Distance Learning Course (UNDP/PPUE). **April-November 2001.**

MEMBERSHIP IN PROFESSIONAL BODIES:

1. Corporate Member, Kenya Institute of Planners
2. Environmental Impact Assessment and Audit Lead expert- National Environment Management Authority (NEMA)
3. International Society for Sustainability and Development.

PREVIOUS RESEARCH ENGAGEMENTS

1. July 2001

University of Tskuba: Gathered data for a PhD Thesis entitled:“ Strategies for Improving Self-Financed Housing in Kenya’s Urban Neighborhoods”.

2. Jan-May 2002

Co-developed “ A Buffer Zone Conservation Action Plan for Imenti Forest Reserve, Kenya project” with DEPM research team, the local community and other stakeholders.

3. Sept-Dec 2001

Diagnosed “The Prospects and Constraints of Sugar Cane Production in Alleviating Rural Poverty in the Mumias Sugar Belt, Kenya” with the local community and other stakeholders. Sub theme focused on resolving solid waste disposal problems throughout the production process.

3. Jan-April 2001

Examined pathways for “The Sustainable Development of Magadi Township, Kenya” in a participatory exercise with other stakeholders with a focal point in multi-criteria site suitability analysis for solid waste disposal.

4. Sept-Dec 1999

Developed “ Saiwa Swamp National Park Conservation Action Plan, Kitale District, Kenya”

5. Jan-April 1999

Investigated the generation, collection, treatment and disposal dynamics in searching for “ The Strategies for Sustainable Solid and Liquid Waste Management in OI Kalou Municipality, Kenya.”

6. Sept-Dec 1998

Participated in evaluation of SIDA sponsored Soil and Water Conservation Programme in Machakos District, Kenya.

RESEARCH GRANTS AND AWARDS:

1. **2014-** Training and travel grants- The Swedish University of Life Sciences, Sweden.
2. **2013 –** PhD Training grants for Kenyan Students- The Swedish University of Life Sciences and Jomo Kenyatta University of Agriculture and Technology.
3. **2013-** Training and travel grants- The Flemish Interuniversity Council (VLIR-UOS), Belgium.
4. **2007-** Four years Doctoral research scholarship by the New Zealand Government.

5. **2006-** One year Kenyatta University Dean's research Grant.
6. **2006-** Research methodology laureate scholarship from the Council for the Development of Social Science Research in Africa (**CODESRIA**).
7. **2005-** One-year research grant from Organization for Social Science Research of Eastern and Southern Africa (**OSSREA**).

PUBLICATIONS- JOURNALS ARTICLES, BOOKS AND BOOK CHAPTERS:

Mwangi M. W and Thuo, A. D. M. (2014). Towards conceptual and theoretical foundation for identifying problems, challenges and mechanisms for municipal waste management in developing countries. **International Journal of Innovation and Scientific Research. ISSN: 2351-8014.**

Thuo, A. D. M. (2014). Urbanization In Nairobi's rural-urban fringe: Consequences of land use conversion. **Book Chapter - International Society for Horticultural Science.** ISBN 978-94-62610-08-8.
http://www.actahort.org/books/1021/1021_16.htm

Asoka, G. W. N., Thuo A. D. M. and Bunyasi M. M. (2013). "Effects of Population Growth on Urban Infrastructure and Services: A Case of Eastleigh Neighborhood Nairobi, Kenya." **Journal of Anthropology & Archaeology.**

Thuo A. D. M. (2013). An analysis of role(s) of actors in land use change in the Nairobi rural-urban fringe, Kenya. **International Journal of Research in Social sciences. ISSN: 2249-2496.**

Thuo A. D. M. (2013). Exploring land development dynamics in rural-urban fringes: A reflection on *why agriculture is being squeezed out by urban land uses in the Nairobi rural-urban fringe?* **International Journal of Rural Management.**

Thuo A. D. M. (2013). Genealogy of land ownership, use and management problems in Kenya during the pre-August 2010 Constitution: A review. **International Journal of Engineering Research and Technology. ISSN: 2278-0181**

Thuo A. D. M. (2013). Archaeology of urban housing problems in Kenya: Issues and policies. **International Journal of Scientific & Engineering Research. ISSN 2229-5518.**

Thuo A. D. M. (2013). Political economy and the local governance in Kenya during the pre- august 2010 constitution: A synoptic review. **International Journal of Science and Research. ISSN: 2319-7064.**

Thuo A. D. M. (2013). Unsettled settled spaces: Searching for a theoretical 'home' for rural- urban fringes. **International Journal of Scientific and Research Publications. ISSN 2250-3153.**

Thuo A. D. M. (2013). Impacts of urbanization on land use planning, livelihood and environment in the Nairobi rural-urban fringe, Kenya. **International Journal of Scientific and Technology Research. ISSN 2277-8616**

Thuo A. D. M. (2013). Qualitative analysis of land use change pressures, conditions and drivers in rural-urban fringes: A case of Nairobi rural-urban fringe, Kenya. **International Journal of Innovation and Applied Studies. ISSN 2028-9324.**

Thuo A. D. M. (2013). Place of positionality, values, ethics and reflexivity in qualitative urban field work research. **Journal Human and Social Science Research.**

Thuo A. D. M. (2013). Urbanisation in Nairobi's peri-urban areas, Kenya: Exploring how subaltern actions and do-it-yourself (DIY) strategies are evolving and creating order in new urbanizing areas. **International Journal of Education and Research. . ISSN 2201-6333.**

Thuo A. D. M. (2013). Land use planning and biodiversity conservation in private lands: A study of on-farm conservation of indigenous tree species among smallholder farmers of Murang'a County, Kenya. **CreateSpace Publishing. ISBN-13: 978-1489513250.**

Thuo A. D. M. (2011). Planning in 'new urbanizing areas' of developing countries: Reflections from the Nairobi rural-urban fringe, Kenya. **Lambert Academic Publishing. ISBN-13: 978-3-8454-0422-6.**

Thuo A.D.M. (2010). Community and social responses to land use transformations in the Nairobi rural-urban fringe, Kenya. ***Journal of Field Actions Science.***

Thuo A.D.M. (2008). Tradition, culture and development in Africa: Historical lessons for modern development planning. Book review: Ambe J. Njoh (Author), ***Urban Policy and Research***, Volume 26, Issue 1 April 2008, pages 125 – 139. http://www.tandfonline.com/loi/cupr20?open=26&repetition=0#vol_26. **ISSN 0811-1146.**

Wawire N. and Thuo A.D.M. (2007). Economic environmental valuation. ***Environment and sustainable development.*** http://scholar.google.com/scholar?q=thuo+aggrey&btnG=&hl=en&as_sdt=0%2C5

Thuo A.D.M and Waswa F. (2006). Understanding and managing eco-conflicts and environmental insecurity. ***Environment and sustainable development.*** http://scholar.google.com/scholar?q=related:9e4QyYaLVc4J:scholar.google.com/&hl=en&as_sdt=0,5

CONFERENCE AND WORKSHOP PRESENTATIONS:

Participated in a workshop organized by **International Institute of Rural Reconstruction IIRR** to prepare training modules on ***Improving resilience through best practices in livelihood and food security in ASALs in Kenya*** at 22nd – 26 April 2013 at Lukenya Getaway Hotel.

Participated in a workshop organised by **Centre for Training and Integrated Research for ASAL Development- CETRAD** on ***Sustainable livelihoods, Food security and Urban development in the rural areas.*** 25th – 29th July 2013 at Lukenya Getaway.

Presented a paper at ***International Conference on Multifunctional Agriculture and Urban-Rural Relations at The Netherlands, 1-4 April 2012.*** **The Title:** urbanization and agriculture in the Nairobi rural-urban fringe, Kenya.

Presented a paper at ***International Geographical Union conference at Hamilton, New Zealand*** in Jan 2010. **The Title:** Challenges and opportunities for urban planning in the 'borderlands' using Nairobi rural-urban fringe as a case study. <http://www.waikato.ac.nz/wfass/PositioningGeography/presentations/papers/Thuo-Aggrey.pdf>

Presented a poster at ***International Conference on Urban Health*** at Nairobi in October 2009. **The Title:** Miscellaneous urbanisation: Exploring multiple realities of land use development in the Nairobi rural-urban fringe.

Presented a paper at ***Kenyatta University International Research Conference*** in April 2009. **The title:** Urbanisation in complex situations: Exploring social dynamics of land development in the Nairobi peri-urban areas.

Presented a paper at ***Eastern and Central Africa Programme on Agricultural Policy Analysis (ECAPAPA) Workshop*** March 2004, Entebbe-Uganda. **The title:** Alternative natural resource use conflict minimization strategies among the pastoral communities in Kerio Valley basin, Kenya.

Participation as an expert in land use management at the Kenya Broadcasting Corporation Mkulima programme aired on Sundays at 6.30pm

POSTGRADUATE STUDENT'S SUPERVISION:

2. Lucy W. Ng'ang'a- PhD Thesis, Kenyatta University. The potential for soil carbon sequestration of different land management practices in small holder farms of Murang'a County, Kenya. **ONGOING.**

3. **Philip Kiama- PhD Thesis, Kenyatta University.** Sanitation standards in Nairobi metropolitan areas of Karengata and Ongata Rongai. **ONGOING.**
4. **Faith Wanjiku Nderitu - Master Thesis, Kenyatta University.** Adoption and use of self sanitizing biodegradable toilet bags in Kibera slums, Nairobi County. **ONGOING.**
5. **Bii Kenneth Ng'eny - Master Thesis, South Eastern Kenya University.** The impact of land fragmentation on food security, cattle ranching and wildlife: A case study of Konza ranch, Mukaa sub-county, Makueni County. **ONGOING.**
6. **Peter Mburu Chege- Master Thesis, Kenyatta University.** The role of trees of cultural significance in mitigation of climate change in Kirinyaga East District. **COMPLETED 2014.**
7. **Wasige Makinia Sylvia- Master Thesis, Kenyatta University.** An assessment of human-wildlife conflict management in Shimba hills ecosystem, Kwale county, Kenya. **COMPLETED 2013.**
8. **Makko J. Sinandei- Master Thesis, Kenyatta University** An examination of land use/tenure conflict management among ethnic communities in Loliondo and Sale divisions, Tanzania. **COMPLETED 2013.**
9. **Ongere Pacha- Masters Thesis, Kenyatta University.** Assessment of sustainable consumption of water and energy resources by the hospitality industries: A case of study of Safari Park Hotel. **COMPLETED 2013.**
10. **Gilbert Asoka- Masters Thesis, Kenyatta University.** Assessment of the impacts of population growth on infrastructure and services in Eastleigh Neighbourhood, Nairobi, Kenya. **COMPLETED 2012.**
11. **Resi Tunya- Masters Thesis, Kenyatta University.** Exploring strategies for development of domestic tourism in Nakuru Municipality, Kenya. **COMPLETED 2012.**
12. **Tabitha Kiigo- Masters Thesis, Kenyatta University.** Challenges and opportunities of waste management in peri-urban areas: A case of Ruiru Municipality, Kenya. **COMPLETED 2012.**
13. **Purity Muthoni- Masters Thesis, Kenyatta University.** Socioeconomic effects of slum upgrading on the beneficiaries, A case of Kibera slums, Kenya. **COMPLETED 2011.**

PREVIOUS STUDIES INVOLVEMENTS:

- April 2001- April 2002:** Research project on potential for on-farm conservation among smallholder farmers of Murang'a district, Kenya.
- Jan. - April 2002:** Preparation of a buffer zone conservation plan for Upper and Lower Imenti Forest reserves, Kenya.
- Sept. 2001-Dec. 2001:** An assessment of viability of smallholders' sugar growing in rural development enhancement in Mumias sugar scheme.
- Jan.2001- Dec 2001:** Participated in UNDP/ Yale University programme on public-private partnership in urban service delivery.
- Jan. 2001 –April 2002:** Preparation of development plan for Magadi Township.
- Oct. 1999 – April 2000:** Prepared with the community an action plan for soil and water conservation for Njumbi location of Murang'a District.
- Sept. 1999 – Dec. 1999:** Preparation of a conservation plan for Saiwa Swamp National park.

Jan. 1999 – April 1999: Evaluation of SIDA sponsored Soil and water Conservation programme in Machakos District ,Kenya.

Sept. 1998 – Dec. 1998: Preparation of a waste management plan for Ol Kalou Town.

CONSULTANCY/TECHNICAL ADVISORY WORK:

Feb-March March	Ministry of Land, Housing and Urban Development	Resource Person	Preparation of Nation Spatial Plan - Technical expert in urban and Regional spatial planning
Feb 2011- Feb 2012	Ministry of Local Government, SIDA Sponsored Programme.	Resource person	The National Urban Development Policy for Kenya. -A technical expert in a team in National and County Urban Planning Thematic Group. - Stakeholders' consultations. -- Rappoteur. - -Report writing.
Sept 2011- Nov 2011	National Environment Management Authority	Technical advisor	Konza, Kiu and Kiima Land Subdivision Project along Mombasa road. -A Technical advisor in Technical Advisory Committee (TAC) on Environmental Impact Assessment projects. -stakeholders' consultations. - Ground assessment on the impacts of the vegetation covers and the fragile ecosystem in proposed subdivision areas. - Looking at conservation aspects of forest areas within the proposed subdivision. -Report writing.
July 2010- August 2011-	National Environment Trust Fund	Resource person	Environmental Management Plan for Daadab Refugee Complex and the surrounding area. -A resource person in the team preparing Environmental Management Plan for Daadab Refugee Complex and the surrounding area. -Stakeholders' consultations. - Rappoteur . -Report writing.