

Curriculum Vitae



1. Identification

- **Name:** John Mugisha
- **Nationality:** Rwandese
- **Languages:** Kinyarwanda (Excellent), English (Very Good), French (Fair) & Swahili (Good)

2. Contact Information

- Email: jmugisha85@gmail.com
- Phone: +250 788 598 990
- Physical Address: Avenue de l'Armée, P.O. Box 3900, Kigali, Rwanda
- Office Location: University of Rwanda, Nyarugenge Campus, Admin Block, 2nd Floor, A36

3. Profile

John Mugisha is currently Assistant Lecturer at the University of Rwanda in the Centre for Geographic Information Systems and Remote Sensing (CGIS), College of Science and Technology since August 2012. He holds a master of science in Real Estate and is currently a PhD candidate in Urban Planning and Management at Ardhi University, Dar es Salaam, Tanzania. He has more than 10 years of experience of research, teaching and consultancy in the fields of land management, Geographical Information Systems, real property valuation & urban planning. He has worked as a professional and as consultant for various institutions in Rwanda in areas related to land management and real property valuation. He worked as GIS expert at the National Land Centre (NLC) and later Rwanda Natural Resources Authority (RNRA) in the Land Tenure Regularization Program (LTRP); National Institute of Statistics (NISR) as cartographer; and as a private consultant in real property valuation for the Ministry of Lands and Forestry (MINILAF) and Ministry of Environment. He is currently working on a research project entitled “Modelling urban resilience in sub-Saharan Africa – the case of land readjustment projects in Kigali, Rwanda”.

4. Academic Qualification

4.1 Highest Qualification: Master of Science

Year of Award: 2014
Area of study: Real Estate
Specialization: Real Property Valuation & Land Management
Institution: Ardhi University
Country of Award: Tanzania

PhD candidate: 2023
Area of Study: Urban Planning and Management
Institution: Ardhi University
Country: Tanzania

4.2 Other Qualification: Bachelor of Science Degree with Honors (BSc)

Year of Award: 2012
Area of Study: Geography
Specialization: Urban and Regional Planning
Institution: National University of Rwanda
Country of Award: Rwanda

5. Professional Career

- **August 2012 – to date:** Assistant Lecturer at the Centre for Geographic Information Systems and Remote Sensing (www.cgis.ur.ac.rw), College of Science and Technology (CST), University of Rwanda (www.ur.ac.rw).
- **June 2011 - July 2012:** GIS specialist in the Land Tenure Regularization Program in Rwanda (LTRP), National Land Centre/Rwanda Natural Resources Authority (RNRA)
- **January – May 2011:** Cartographer for the 2012 Housing and Population Census Mapping at the National Institute of Statistics of Rwanda (NISR)

6. Publications

6.1 Research Papers in Peer-reviewed Journals

- Mugisha, J., Kombe, W. J., Babere, N. J., & Uwayezu, E. (2023). Uncovering ‘sleeping beauty’: Land readjustment for self-financing urbanisation in developing countries. *Social Sciences & Humanities Open*, 8(1), 100539. <https://doi.org/10.1016/J.SSAHO.2023.100539>

- Rwanyiziri, G., Uwiragiye, A., Tuyishimire, J., Mugabowindekwe, M., Mutabazi, A., Hategekimana, S., **Mugisha, J.** (2019). Assessing the impact of climate change and variability on wetland maize production and the implication on food security in the highlands and central plateaus of Rwanda. *Ghana Journal of Geography*
- Uwayezu, E., **Mugisha, J.** (2018). Decoding gender justice in land conflicts resolution in Rwanda. *African Journal of Land Policy and Geospatial Sciences*
- **Mugisha, J.** (2015). Compensation for Land Expropriation in Rwanda: The Need for Conventional Approaches to Valuation, *Journal of Land Administration in Eastern Africa*. <http://journals.aru.ac.tz/index.php/JLAEA/issue/view/5>
- Tuyishimire, J., Kateera, F., **Mugisha, J.**, Amer, S., Mens, P. (2016). Spatial Modelling of Malaria Risk Factors in Ruhuha Sector in the East of Rwanda. *Rwanda Journal*, Series D, Volume 1, 2016, Life and Natural Sciences: Special issue II. <http://dx.doi.org/10.4314/rj.v1i1S.10D>

6.3 Papers Presented at Conferences

- **Mugisha, J.** (2021). Potential of land readjustment for enhanced urban resilience in Rwanda. Urban Africa in 21st century: current issues and future prospects of urban governance and planning. *5th AAPS conference, 18th to 20th November 2021*
- Pilesjö, P., Mansourian, A., Shindyanpin, A., Assante, A.A., Muheca, E.L., Rwanyiziri, G., **Mugisha, J.**, Bamutaze, Y., Nakileza, B., Maiga, G., Kayondo, L.M. (2018). Hamornizing GIS education: South-North perspectives – lessons learnt from Mozambique, Rwanda, Sweden, and Uganda. *21st AGILE Conference on Geographic Information Science, Lund, Sweden*
- Tuyishimire, J., **Mugisha, J.** (2016). Stopping Poaching Activities in Nyungwe Forest National Park (NNP): Biodiversity Conservation and Human Wildlife Conflicts. *Conference Paper. 3rd African Congress for Conservation Biology*. El Jadida, Morocco
- **Mugisha, J.**, Uwayezu, E. (2016). Women’s Land Rights and Gender Justice in Land Conflicts Resolution Processes in Rwanda. Paper presented at the EALAN Conference 2016, Dar es Salaam, Tanzania, 21st – 22nd July 2016
- **Mugisha, J.** (2015). Assessment on Compensation and Resettlement Issues in Land expropriation for Urban Redevelopment in Rwanda; African Real Estate Society (AfRES), Golden Tulip Kumasi City Hotel, Kumasi, Ghana, August 31st- 5th September 2015.
- **Mugisha, J.** (2015). Assessment on Compensation and Resettlement Issues in Land expropriation for Urban Redevelopment in Rwanda; African Real Estate Society

(AfRES), Golden Tulip Kumasi City Hotel, Kumasi, Ghana, August 31st- 5th September 2015.

- **Mugisha, J.**, Nyandwi, E. (2015). Kigali City Peri-urbanization and its Implications on Peri-urban Land use Dynamics: cases of Muyumbu and Nyakaliro; International Conference on Geospatial Technologies for Sustainable Urban and Rural Development, Nobleza Hotel, Kigali, Rwanda, November 18th- 20th 2015.
- Habonimana, H.V, Bizimana, J.P, Uwayezu, E., Tuyishimire, J., **Mugisha, J.** (2015) Integrated flood modeling for flood hazard assessment in Kigali City, Rwanda. *GeoTech Rwanda*, Kigali

6.4 Technical Reports

- Tuyishimire, J, **Mugisha, J.** (2015). *Stopping Poaching Activities in Nyungwe Forest National Park (NNP): Biodiversity Conservation and Human Wildlife Conflicts*. Huye: Rufford Foundation, UK.
- Tuyishimire, J., Kateera, F., **Mugisha J.** Amer, S., Mens, P. (2015). *Spatial Modelling of Malaria Risk Factors in Ruhuha Sector, Rwanda*. A project by the Geographic Information Systems & Remote Sensing Research and Training Center of the University of Rwanda (CGIS -UR), sponsored by NICHE/RWA/071 project.
- Habonimana, H.V, Bizimana, J.P, Uwayezu, E., Tuyishimire, J., **Mugisha, J.** (2015). *Integrated flood modeling for flood hazard assessment in Kigali City, Rwanda*. Project funded by NASA through the Regional Centre for Mapping of Resources for Development (RCMRD)

7. Awards for Research Grants

- **November 2017 – October 2021**: Enhancing Food Security in AFRICan AgriCULTUral Systems with the Support of REMote Sensing (a 4 years project funded by EU Horizon2020). **Role**: Member of the research team
- Tuyishimire, J., Kateera, F., **Mugisha J.** Amer, S., Mens, P. (2015). *Spatial Modelling of Malaria Risk Factors in Ruhuha Sector, Rwanda*. A project by the Geographic Information Systems & Remote Sensing Research and Training Center of the University of Rwanda (CGIS -UR), sponsored by NICHE/RWA/071 project.

8. Leadership responsibilities

- **April 2023 – To date**: Chairperson of the Board of Directors of the Institute of Real Property Valuers in Rwanda

- **2015 – 2019:** Deputy Team Leader for the GIS Sub-program under University of Rwanda – Sweden Program for Higher Education and Institutional Advancement
- **2018 – to date:** Member of the Continuous Professional Development (CPD) and Membership Committee of the Institute of Real Property Valuers in Rwanda

9. Professional Trainings/Workshops

- **August 24 – October 23, 2020:** Environmental and Remote Sensing Data Analysis via Geospatial Technologies in Research and Teaching. *Online summer school, Goethe-University Frankfurt, Germany, Department of Geography (Certificate)*
- **19th April - 09th May 2015:** Training on “*Capacity building for Measurement and Map Producing Institution*”, National Geographic Information Institute (NGII), Suwon, South Korea. **(Certificate)**
- **20th July – 22nd July 2015:** Workshop on “The Status of Land Administration in the East African Countries: A Comparative Overview”, held in Bahir Dar, Ethiopia, organized by the East African Land Administration Network (EALAN).
- **20th – 24th June 2016:** short course on Effective Land Administration, offered by the Regional Centre for Mapping of Resources for Development (RCMRD), Nairobi, Kenya.
- **26th – 28th July 2016:** Validation workshop of the study on “Curricula Gaps Assessment and Institutional Mapping” held in Addis Ababa, Ethiopia
- **18th – 19th January 2018:** Training on valuation and best practice for the members of the Institute of Real Property Valuers in Rwanda (IRPV), held in Kigali, Rwanda, Lemigo hotel

10. Courses/Modules Taught

- **Land Information Systems:** Bachelor of Science in Estate Management and Valuation (since February 2015).
- **Principles of Land Administration:** 3rd Year Bachelor of Science in Geography (specializations of Urban and Regional Planning & Environmental Management (Since October 2017).
- **Land and Housing:** 3rd Year Bachelor of Science in Geography (specialization of Urban and Regional Planning (since October 2017).
- 2015).
- **Real Estate Business Ethics:** Bachelor of Science in Estate Management and Valuation (since February 2015)
- **Urban Spaces:** Bachelor of Science in Geography (February 2015).
- **Regional Geography:** Bachelor of Science in Geography (February 2015).

14. Memberships

- **From January 2018:** Certified member of the Institute of Real Property Valuers in Rwanda (IRPV)
- **From September 2015:** Member of the African Real Estate Society (AfRES)
- **January 2016 – to date:** Member of Eastern Africa Land Administration Network (EALAN)
- Member of Rwanda Institute of Urban Planners (RUPI)

16. Contact Persons

- ✓ Prof. Gaspard Rwanyiziri, Director, Centre for Geographic Information Systems and Remote Sensing, College of Science and Technology, University of Rwanda (Email: grwanyiziri@gmail.com). Phone: +250 788 681 438
- ✓ Prof. Wilbard Kombe, Ardhi University, Dar es Salaam, Tanzania (E-mail: kombe@aru.ac.tz).

17. Certification

I, the undersigned, certify that to the best of my knowledge and belief, that these data correctly describe my qualifications, my experience and myself.

Date: 27th June 2023



John Mugisha (MSc)