

## GEORGE KIMBOWA

25890 Kampala, +256 704177737, +256 777683435, georg.kimb@gmail.com

### PERSONAL DATA:

Name:	George Kimbowa
Date of Birth:	2 <sup>nd</sup> November 1988
Country of Citizenship/Residence:	Ugandan
Gender	Male

### RESEARCH INTERESTS:

George Kimbowa is a water / agricultural engineer and researcher with over 15 years' experience in irrigation engineering; water resources engineering; agricultural mechanization, applied hydraulics, hydrology for micro-catchments; climatology, agrometeorology & hydrologic modeling; GPS, remote sensing and GIS applications in water resources planning and development and modeling of ecosystems. My current research interests are on: irrigation and hydraulics engineering; water resources and environmental management; socio-hydrological modelling; catchment and lake hydrological modelling; sustainable agroforested landscape management; rainwater harvesting; flood management; serious gaming, climate change; environmental quality management; ecosystem services and climate services for agriculture and water.

### EDUCATION BACKGROUND:

Name of Institution	Date Attended	Degree Obtained/ Expected
Makerere University	September 2022- February 2026	PhD, Water Resources Management
Pan African University Institute of Water and Energy Sciences (including Climate Change)-PAUWES, Tlemcen (Algeria)	October 2015- September 2017	MSc. Water Engineering
Busitema University- Uganda	August 2008- October 2012	BSc. (Hons) Agricultural Mechanization and Irrigation Engineering

### OTHER SKILLS:

#### Vocational Training (Selection):

- *Occupational Safety, Health and Environment (OSHE) by Royal Academy of Engineering and EenerSafe Consultancy Limited: Busitema University, Uganda, September 2022.*
- *SESAM research visit: Wageningen University and Research, Netherlands, 21<sup>st</sup> March to 15<sup>th</sup> April 2022.*
- *Postgraduate course: Structural Equation Modelling The Graduate Schools for Production Ecology & Resource Conservation (PE&RC), Netherlands, 12<sup>th</sup> to 16<sup>th</sup> October 2020*
- *6<sup>th</sup> International Symposium on Knowledge and Capacity for the Water Sector (From Capacity Development to Implementation Science) Delft Netherlands, 27<sup>th</sup> to 29<sup>th</sup> May 2020*

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- International SDG Research Symposium, Utrecht University, Netherlands, 9<sup>th</sup> to 11<sup>th</sup> June 2020
- 4th International Conference on the Status and Future of the World's Large Rivers, Moscow, Russia 2<sup>nd</sup> to 6<sup>th</sup> August 2021
- The Social Simulation Week (SSW) by ESSA-European Social Simulation Association, online, 14<sup>th</sup> to 18<sup>th</sup> September 2020
- 2<sup>nd</sup> ed. Research4Life MOOC Fundamentals of Information Literacy and Access to Global Online Research in Agriculture (AGORA), Food and Agriculture Organization of the United Nations, 2020
- Companion Modelling, The Graduate Schools Wageningen School of Social Sciences (WASS), Production Ecology & Resource Conservation (PE&RC) and Wageningen Institute for Environment and Climate Research (WIMEK), Wageningen (Netherlands), 2020
- International Summer School in Uganda on Survey Methodology and Data Management, VW Foundation, GESIS-Leibniz Institute for the Social Sciences (Muteesa I Royal University (Uganda), 2019
- Governance of Environmental and Water Services, Climate Change and Water Right (e-Learning technical course), Hydroaid – Water for Development Management Institute, Hydrodata and Turin School of Local Regulation (Italy), 2019
- Fundamentals of Information Literacy and Access to Global Online Research in Agriculture (AGORA), Food and Agriculture Organization of the United Nations, 2018
- Massive Open Online Course on Climate Action: Solutions for a Changing Planet, UNCC: e-Learn – Think, Talk, Act Climate, 2018
- Leadership Development Program, Pan African University Institute of Water and Energy Sciences including Climate Change (PAUWES), Tlemcen (Algeria), 2017
- Sustainable Planning and Economic Regulation of Water Services (e-Learning technical course), Hydroaid–Water for Development Management Institute, Hydrodata and Turin School of Local Regulation (Italy), 2017
- GIS and Remote Sensing Applications Intern, Sidi Mohamed Abdellah University, Faculty of Sciences and Techniques, Fez (Morocco), 2017
- PAUWES Workshop Water (including Laboratory), Institute for Technology and Resources Management in the Tropics and Subtropics (ITT), TH Koln (Germany), 2016
- Coping with the impact of climate change in Managing water systems, Center for Development Research, University of Bonn (Germany), 2016
- Landscape irrigation, Multiple Industries limited, Kampala (Uganda), 2012

### Computer Skills:

- MS-Office: Excel, PowerPoint, Word
- Engineering software: ESA SNAP, Vensim PLE, ArcGIS 10.8, HEC-HMS 4.8, WEAP21, Global Mapper, Google earth, GenStat, InStat, AutoCAD, CROPWAT 8.0, CLIMWAT 2.0, WEPP, PQMethod version 2.35 with PQROT 2.0, FCMapper, SPSS
- Programming with R and Mat Lab
- Research, Presentation, Leadership and Communication

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EXPERIENCE RECORD RELEVANT TO THE ASSIGNMENT:

Period	Employing Organization and Your title/ position. Contact phone and addresses for references	Country	Summary of activities performed relevant to the Assignment
2018 – Date	<p><b>Busitema University, Tororo</b>  <b>For references:</b>                      Eng. Dr. Otim Daniel (Former Dean,                      Faculty of Engineering                      P. O Box 236 Tororo, Uganda                      Tel: +256 701053513/ +256                      774176824                      Email: <a href="mailto:danotim@gmail.com">danotim@gmail.com</a></p> <p><b>Title/Position:</b> Lecturer and Supervisor                      for undergraduate and graduate                      students</p>	<b>Uganda</b>	<p><u>Subjects lectured:</u></p> <ol style="list-style-type: none"> <li>i. Geographic Information Systems (GIS) and Remote Sensing</li> <li>ii. Hydrology</li> <li>iii. Hydraulics</li> <li>iv. Irrigation Agronomy</li> <li>v. Irrigation Conveyance and Control Systems</li> <li>vi. Management of Irrigation and Drainage Systems</li> <li>vii. Land Evaluation for Irrigated Agriculture</li> <li>viii. Engineering project I</li> <li>ix. Research Methods and Engineering Design</li> <li>x. Design Project Planning and Research Methods</li> <li>xi. Engineering Statistics</li> <li>xii. Soil Mechanics</li> <li>xiii. Water Treatment I</li> <li>xiv. Rural Water Supply and Management</li> <li>xv. Public Health and Sanitation Engineering</li> <li>xvi. Flood Mitigation and Management</li> <li>xvii. Advanced Water Treatment</li> <li>xviii. Planning and Development of Hydropower</li> </ol>
2023- 2025	<p><b>Ndejje University, Kampala</b>  <b>For references:</b>                      Dr. Henry K. Ntale (Faculty Dean of                      Engineering                      P. O Box 7088 Kampala, Uganda                      Tel: +256 702746384                      Email: <a href="mailto:hntale@ndejeuniversity.ac.ug">hntale@ndejeuniversity.ac.ug</a>  <b>Title/Position:</b> Lecturer and Supervisor for                      undergraduates</p>	<b>Uganda</b>	<p><u>Subjects lectured:</u></p> <ol style="list-style-type: none"> <li>i. Hydraulics</li> <li>ii. Environmental Quality Management</li> <li>iii. Hydrology I</li> <li>iv. Water Resources Engineering I</li> <li>v. Hydrology II</li> <li>vi. Water Resources Engineering II</li> <li>vii. Individual project I</li> <li>viii. Individual project II</li> </ol>
2019- 2021	<p><b>Uganda Martyrs University, Kampala</b>  <b>For references:</b>                      Dr. Ssekandi Joseph, PhD                      Faculty Dean, Agriculture, Uganda                      Martyrs University                      P. O Box 5498 Kampala, Uganda</p>	<b>Uganda</b>	<p><u>Subjects lectured:</u></p> <ol style="list-style-type: none"> <li>i. Agro metrology and Ecosystem Modeling</li> <li>ii. Sustainable Environment Management</li> <li>iii. Biodiversity in Agroecosystems</li> <li>iv. Agroecosystem Biodiversity</li> </ol>

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Period	Employing Organization and Your title/ position. Contact phone and addresses for references	Country	Summary of activities performed relevant to the Assignment
	Tel: +256 779 421 377 Email: <a href="mailto:sekjoseph@gmail.com">sekjoseph@gmail.com</a> <b>Title/Position:</b> Lecturer and Supervisor for undergraduates		Conservation v. Appropriate Agro-Mechanization Technology
2019-2020	<b>International University of East Africa, Kampala</b> <b>For references:</b> Dr. Muhwezi Lawrence, PhD Head of Department Civil Engineering, P. O Box 35502 Kampala, Uganda Tel: +256 702402883/ +256 772402883 Email: <a href="mailto:lmuhwezi@hotmail.com">lmuhwezi@hotmail.com</a>  <b>Title/Position:</b> Lecturer and Supervisor for undergraduates	Uganda	<b>Subjects lectured:</b> i. Water Treatment and Supply Engineering ii. Fluid and Drainage Design iii. Irrigation Engineering iv. Hydraulics and hydraulic structures v. Hydrology and water resources
2015	<b>Muteesa 1 Royal University, Kampala (Uganda)</b> <b>For references:</b> Mr. Mukasa Bumali, Head of Department, Mechanical Engineering Tel: 0704-163094 Email: <a href="mailto:mukasa_bumali@yahoo.com">mukasa_bumali@yahoo.com</a>  <b>Title/Position:</b> Assistant Lecturer and Supervisor for undergraduates	Uganda	<b>Subjects lectured:</b> i. Engineering Mathematics ii. Computer Programming (MATLAB) iii. Computer Aided Design iv. Thermodynamics v. Engineering Mechanics
2025	<b>Empower Consult Ltd</b> <b>For Reference:</b> Mr. Frederick Anyine, P. O Box 121618, Kampala, Uganda Tel: +256 776997714/ +256 392948109 Email: <a href="mailto:info@empowerconsult.co.ug">info@empowerconsult.co.ug</a> (Managing Director/Director Strategy and Business Development)  <b>Title/Position:</b> Water Engineer	Uganda	Participation in Annual Performance Assessments of Local Governments (LGPA) in Uganda; • Undertaking evaluation of water sector assessments in Local and Urban councils • Participating in the field assessment of Local Governments in the areas of Infrastructure, Implementation and Operations & Maintenance. • Verifying projects in the field with focus on the execution rates and the procurement processes.

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Period	Employing Organization and Your title/ position. Contact phone and addresses for references	Country	Summary of activities performed relevant to the Assignment
			<ul style="list-style-type: none"> <li>• Verifying projects in the field with focus on the execution rates and the procurement processes</li> <li>• Assessing the accuracy of the list of signed contracts, the contract prices (including Addenda), adherence to payment schedule as well as payment status in comparison with procurement and financial management related reports.</li> <li>• Participating in the compilation of field reports before their transmission to the Secretariat</li> </ul>
2018	<p><b>Adritex (U) Limited, Kampala</b>  <b>For Reference:</b>                      Mr. Kazimiri Victor (CEO, Adritex (U) Limited)                      Tel: +256 773717185/ +256 700295715                      Email: <a href="mailto:victor.k@adritexug.com">victor.k@adritexug.com</a>                      Title/Position: Irrigation &amp; Water Resources Engineer</p>	<b>Uganda</b>	<p><b>Main responsibilities:</b></p> <ul style="list-style-type: none"> <li>• Bidding and Tenders</li> <li>• Sale, Design and Installation of Irrigation Equipment, Solar power products, Water Pumps, Motors, Engines, Water treatment equipment, Swimming pool equipment, and Associated Equipment.</li> </ul>
2014 - 2015	<p><b>Cimbria East Africa Limited, Nairobi</b>  <b>Title/Position: Technician-Mechanical</b></p>	<b>Kenya</b>	<p><b>Main responsibilities:</b></p> <ul style="list-style-type: none"> <li>• General setting up and assembling of the grain handling silos and machineries</li> </ul>
2012 - 2014	<p><b>Victoria Engineering Limited, Kampala</b>  <b>For Reference:</b>                      Mr. Okonya Johnson Anguzo (Electro-Mechanic)                      Tel: +256-772-541-237/ +256-701-541-237                      Email: <a href="mailto:enigmajoa@gmail.com">enigmajoa@gmail.com</a>                      Title/Position: Trainee-Engineer</p>	<b>Uganda</b>	<p><b>Main responsibilities:</b></p> <ul style="list-style-type: none"> <li>• Running the technical office with regard to the keeping of all records</li> <li>• Preparing necessary drawings in AutoCAD</li> <li>• Visiting sites to follow up progress and taking site dimensions</li> <li>• Making schedules of materials requirements for ordering purposes; ensuring that work is fabricated in accordance to the required standards</li> </ul>
2018	<p><b>Ministry of Water and Environment, Directorate of Water Resources Management</b></p>	<b>Uganda</b>	<p>Consultancy Services for Sipi Integrated Water Resources Management and Development, Awoja Catchment, Kyoga</p>

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Period	Employing Organization and Your title/ position. Contact phone and addresses for references	Country	Summary of activities performed relevant to the Assignment
	<p><b>For Reference:</b>                      Dr. Aventino kasangaki ,                      Tel: +256-772-586873                      Email: <a href="mailto:aventinok@gmail.com">aventinok@gmail.com</a></p> <p><b>Title/Position:</b> Hydrologist</p>		<p>Water Management Zone</p> <p><b>Activities Performed:</b></p> <ul style="list-style-type: none"> <li>Assessing and determining the Water Availability, Allocation and Abstraction in Sipi River Sub-Catchment</li> <li>Determining the potential water demand and allocation scenarios using WEAP for Sipi River Sub-Catchment</li> <li>Developing Sipi River Sub-Catchment water quality maps for key indicators</li> </ul>
2018	<p><b>Ministry of Water and Environment (MWE) / Communications and Accessories (CAA)</b></p> <p><b>For Reference:</b>                      Mr. Muhammudu Mukaya,                      Tel: +256-776-828992/ +256-757-377418                      Email: <a href="mailto:Mk.muhamoud@gmail.com">Mk.muhamoud@gmail.com</a>                      (Senior Agricultural Engineer, Jinja District, Uganda)</p> <p><b>Title/Position:</b> Irrigation &amp; Drainage Engineer</p>	Uganda	<p>Consultancy services to plan, design and construct solar powered micro irrigation system for sites in selected ten (10) districts of Northern Uganda, under the auspices of the Ministry of Water and Environment, Directorate for Water Development, rural water supply and sanitation department</p> <p><b>Activities Performed:</b></p> <ul style="list-style-type: none"> <li>Situational Assessment and Analysis (Project Area, Climate, Land use, existing water supply and sanitation)</li> <li>Soil and water analyses for crop growing</li> </ul>
2018	<p><b>Ministry of Water and Environment Water for Production Regional Center North</b></p> <p><b>For Reference:</b>                      Patrick Sseruwu                      Tel: +256 703170135</p> <p><b>Title/Position:</b> Civil/ Water Engineer</p>	Uganda	<p>Design and construction of sprinkler irrigation system for Uwyeri in Gulu district</p> <p><b>Activities Performed:</b></p> <ul style="list-style-type: none"> <li>Site Survey</li> <li>Design reports preparation</li> <li>Detailed drawings and designs</li> </ul>
2018	<p><b>Ministry of Water and Environment Water for Production Regional Center West</b></p> <p><b>For Reference:</b>                      Mr. Alex Rusheesha                      Tel: +256 701320508</p> <p><b>Title/Position:</b> Civil/ Water Engineer</p>	Uganda	<p>Design and Construction of Kigoma and Katoma small scale irrigation schemes in Kyankwanzi, Kagoma and Mubende district</p> <p><b>Activities Performed:</b></p> <ul style="list-style-type: none"> <li>Site Survey</li> <li>Design reports preparation</li> <li>Detailed drawings and designs</li> </ul>

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Membership in Professional Associations and Publications

Open Access Ambassador International Water Association, 2020-date

### Publications and Conferences contribution

- i. **Kimbowa, G.**, Mfitumukiza, D., Ddumba, S. D., Nseka, D., Mukwaya, P. I., & Mugagga, F. *Management of tree growing and agroforestry in an agroforested landscape: Institutions, policies, and stakeholders in Mt. Elgon Water Tower, Uganda* [Manuscript accepted for publication]. *Regional Environmental Change*.
- ii. **Kimbowa, G.**, Mfitumukiza, D., Ddumba, S. D., Mukwaya, P. I., Nseka, D., & Mugagga, F. (under review). *Scenario-based assessment of future water demand and allocation in the River Manafwa sub-catchment of the Mt. Elgon Water Tower region, Uganda* [Manuscript submitted for publication]. *Water International*.
- iii. **Kimbowa, G.**, Ddumba, S. D., Mfitumukiza, D., Mukwaya, P. I., Nseka, D., & Mugagga, F. (under review). *Exploring human-environment interactions: The impact of population growth and tree cover change on water availability in Mt. Elgon Water Tower, Uganda*. Manuscript submitted for publication in *African Geographical Review*.
- iv. **George Kimbowa**, Jamiat Nanteza, David Mfitumukiza, Saul Daniel Ddumba, Denis Nseka and Frank Mugagga, Analyzing the drivers that shape people's perceptions of the impact of changes in forest cover and human population on water availability in the Mt. Elgon water tower, *Frontiers in Water*, 10.3389/frwa.2025.1576366, 7, 12-May-(2025).
- v. **Kimbowa, G.**, Wanyama, J., Mukaya, M., Otim, D., Awio, T., and Mugisha, M. (2025). Learning from farmers' knowledge on participatory irrigation management using Q-methodology. *Irrig. Drain.* 74, 342–361. doi: 10.1002/ird.2991
- vi. **Kimbowa, G.**, Buyinza, J., Gathenya, J. M., and Muthuri, C. (2024). Learning from local knowledge on changes in tree-cover and water availability: the case of the contested agroforested landscape of the Mt. Elgon Water. *Front. Water* 6:1283574. doi: 10.3389/frwa.2024.1283574
- vii. van Noordwijk, M. et al. (2022) 'Mimicking nature to reduce agricultural impact on water cycles: A set of mimetrics', *Outlook on Agriculture*, p. 003072702110738. doi:10.1177/00307270211073813.
- viii. M. Msaddek, A. El Garouani, and **G. Kimbowa**, "Modeling the Hydrological Impacts of Vegetation Cover Changes in the Upper Oum Er-Rbia Watershed (Morocco)," *J. Ecol. Eng.*, vol. 22, no. 6, pp. 167–180, 2021.
- ix. M. Msaddek, **G. Kimbowa**, and A. El Garouani, "Hydrological Modeling of Upper OumEr Rabia Basin (Morocco), Comparative Study of the Event-Based and Continuous-Process HEC-HMS Model Methods," pp. 159–184, 2020.
- x. Van Noordwijk, M.; Speelman, E.; Hofstede, G.J.; Farida, A.; Abdurrahim, A.Y.; Miccolis, A.; Hakim, A.L.; Wamucii, C.N.; Lagneaux, E.; Andreotti, F.; **Kimbowa, G.**; Assogba, G.G.C.; Best, L.; Tanika, L.; Githinji, M.; Rosero, P.; Sari, R.R.; Satnarain, U.; Adiwibowo, S.; Ligtenberg, A.; Muthuri, C.; Peña-Claros, M.; Purwanto, E.; van Oel, P.; Rozendaal, D.; Suprayogo, D.; Teuling, A.J. Sustainable Agroforestry Landscape Management: Changing the Game. *Land* 2020, 9, 243. <https://doi.org/10.3390/land9080243>
- xi. International SDG Research Symposium, Utrecht University, Netherlands, 9-11 June 2020

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- xii. 6th International Symposium on Knowledge and Capacity for the Water Sector (From Capacity Development to Implementation Science), Delft, Netherlands, 27-29 May 2020
- xiii. **George K**, Khaldoon A M. Assessing the Bujagali Hydropower Project in Uganda. Mod App Ocean & Pet Sci 2(4)-2019. MAOPS.MS.ID.000141.  
DOI:10.32474/MAOPS.2019.02.000141
- xiv. **Kimbowa G.**, Msaddek M. and El Garouani A. (2017). Impact of Land-Use Change and Climate Variability on Soil Hydrologic Processes in the Upper Oum Er Rabia River Basin, Morocco, presented at Modelling and Geospatial Technologies for Water Resources in Africa. "MTGS for Water in Africa", Université Moulay Ismail, Meknés, 19-21 October 2017

### Honors and Awards

- PhD scholarship grants worth 10,000 USD by MakRIF Round 5, Track 2: PhD Research Grants FY 2023/2024, Makerere University, Uganda 8<sup>th</sup> May 2024 to support PhD Research.
- MSc. scholarship grant worth 30,000 USD by African Union, Addis Ababa, Ethiopia 9<sup>th</sup> October 2015 to study MSc. Water engineering at PAUWES, Algeria (2015-2017)
- BSc. scholarship grant worth 7,500 USD by Uganda government, 20<sup>th</sup> August 2008 to study BSc. Agric Mechanization & Irrigation Engineering at Busitema University, Uganda (2008-2012)
- 1500 USD Faculty of Engineering Research and Innovation Fund (FERIF) FY 2021/2022, Busitema University for research on irrigation management in Uganda
- 15,000 Technology Business & Innovations Incubation Center (TBIIC) FY 2023/2024 (CAT 1) for commercialization Engine Powered Groundnut Stripping Machine

### Experience as Hydrologist, Remote sensing, GPS & GIS Specialist

1. Adaptation of the SCS-CN Runoff Estimation Method for Uganda's Hydro-Climatological Context, Kigwe Sub-Catchment, Wobulenzi, Luwero District, Uganda funded by Busitema University Research and Innovation Fund (BURIF) 2023/2024
2. Assistant Researcher, Using Water Evaluation and Allocation Planning (WEAP) For Water Allocation Planning in Lake Kochobo Sub-Catchment, Uganda Funded by African Development Bank (AfDB) and Busitema University / February –August 2018

### Languages

Languages:	Speaking	Writing	Reading
Luganda	Mother tongue	Mother tongue	Mother tongue
English	Very Good	Good	Very Good
French	Basic	Basic	Basic
Swahili	Basic	Basic	Basic

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**Supervision Experience of BSc/ MSc Students' Research (Selected)**

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- i. Assessing the Impact of Poor Solid Waste Management on Ground Water Quality. A Case Study of Bwaise III Parish, Kampala, Uganda, 2024
- ii. Assessing The Impact of Flooding on Critical Transportation Infrastructure. The Case of Nabuyonga Catchment, Mbale City, 2024
- iii. Evaluating Future Scenarios and Strategies for Sustainable Water Management in Manafwa Sub-Catchment Using WEAP Model, 2024
- iv. Developing A Modified SCS-CN Model. A Case Study of River Kigwe Catchment, 2024
- v. Assessing The Impact of Sensor Based Irrigation Control System on Water Supply to Cabbage. A Case Study of Busitema University Demonstration Farm, 2024
- vi. Design And Fabrication of a Solar-Powered Water Filtration System for Rural Areas, A Case Study of Amudat District, 2024
- vii. Assessing Impact of a Brewery Plant on an Irrigated Agricultural Farm Land. Case Study: Wandago, Jinja District, 2023.
- viii. Using Plastic Waste in Pervious Asphalt Road Construction as an Eco-Friendly and Urban Flood Mitigation Measure: A Case of Kyambogo intersection Kampala Jinja highway, 2023
- ix. Design and Construction of Drip Irrigation and Storm Water Harvesting System from Drainage Channels, 2023
- x. Design and Construction of a Venturi-Based Drainage Cleaning Machine, 2023
- xi. Dam Breach Modelling and Flood Inundation Mapping of an Earth Embankment Dam Using HECRAS: A Case Study of Bujagali Hydropower Plant, 2022
- xii. A Socio-Hydrological Approach to Sedimentation Control in Irrigation Valley Dams: Case Study of Apuwai Reservoir
- xiii. Estimating the Water Footprint of Irrigated Rice Production: case study Doho Rice Irrigation Scheme, Butaleja District, 2019
- xiv. Assessing the Impact of Land Use and Land Cover Changes on Stream Flows: A Case of Upper River Rwizi Catchment, 2019
- xv. Assessing the Effectiveness of the Existing Stormwater Drainage System to Control Flooding in Kampala Central Business Area, 2019
- xvi. Application of GIS in Design of Web-based application to aid Management of Groundwater Resources: Case Study Busia District in Uganda, 2019
- xvii. Investigating the Effect of Poly Mulch on Tomato Production, Case Study: Busitema University Demonstration Site, Eastern Uganda, 2019
- xviii. Application of GIS in Identifying Suitable Sites for Location of Water, Sanitation and Hygiene Facilities, A Case of Kasoli Settlement, Nakawa Division, 2019
- xix. Using Water Evaluation and Allocation Planning (WEAP) For Water Allocation Planning in River Rwizi Catchment, Uganda, 2018.

**Referees:**

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Please feel free to contact the under mentioned in regard to my competence, work ethics, performance and / or any other aspect with respect to me:

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1. Eng. Dr. Otim Daniel, PhD  
Former Dean, Faculty of Engineering and Senior Lecturer Department Agricultural  
Mechanization & Irrigation Engineering, Busitema University  
P. O Box 236 Tororo, Uganda  
Tel: +256 701053513/ +256 774176824  
Email: [danotim@gmail.com](mailto:danotim@gmail.com)
  
2. Eng. Dr. Joshua Wanyama, PhD  
Senior Lecturer, Agricultural and Biosystems Engineering, Makerere University  
P.O Box 7062 Kampala, Uganda  
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Email: [Wanyama2002@caes.mak.ac.ug](mailto:Wanyama2002@caes.mak.ac.ug)
  
3. Prof. Frank Mugagga, PhD  
Former Head and Professor, Department of Geography, Geo-informatics and Climatic  
Sciences, Makerere University  
P.O Box 7062 Kampala, Uganda  
Tel: +256 772 968 421  
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4. Dr. Ssekandi Joseph, PhD  
Faculty Dean, Uganda Martyrs University  
P. O Box 5498 Kampala, Uganda  
Tel: +256 779 421 377  
Email: [sekjoseph@gmail.com](mailto:sekjoseph@gmail.com)

**Certification:**

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I, the undersigned, certify that to the best of my knowledge and belief, the information contained in this correctly describe myself, my qualification and my experience.

George Kimbowa

Date: 27<sup>th</sup> February 2026