

CURRICULUM VITAE

1.0 PERSONAL INFORMATION

NAME: Prof. James Biu Kung'u (PhD)
ADDRESS: Department of Environmental Sciences,
P.O. Box 43844 00100 Nairobi.
TEL: 254 20 8710901-19 Ext. 57218
MOBILE: +254 722 740 719
EMAIL: kungu.james@ku.ac.ke kungujames@gmail.com
NATIONALITY: Kenyan
GENDER: Male
MARRITAL STATUS: Married

2.0 QUALIFICATIONS

2.1 *Academic Qualifications*

- **1995:** PhD (Forestry), University of the Philippines at Los Baños
- **1993:** MSc (Forestry), University of the Philippines at Los Baños
- **1987:** BSc (Forestry), Moi University, Kenya

2.2 *Professional Courses*

- 2010: Completed a course on “Management of University Departments” held at Kenyatta University Conference Centre
- 2011: Completed a course on “Conflict Management and Resolution in Forestry and Natural Resources in Africa” held at World Agroforestry Centre, Nairobi.
- 2012: Completed a course on “Peer Reviewers Training” held at The Commission for Higher Education, Gigiri, Nairobi, Kenya.
- 2012: Completed a seven month course on the “Evidence and Lessons from Latin America (ELLA) Learning Alliance on Climate Change Adaptation in Semi-arid and Arid Regions, E-Learning course.
- 2013: Completed a one week training on “Teaching Methodology” at Kenyatta University

3.0 EMPLOYMENT HISTORY

- **13th May 2014 to date:** **Professor**, Department of Environmental Sciences, Kenyatta University
- **5th August 2008 to 12th May 2014:** **Associate Professor**, Department of Environmental Sciences, Kenyatta University.
- **2002- 2008;** **Senior Lecturer**, Department of Environmental Sciences, Kenyatta University
- **1996-2002:** **Lecturer**, Department of Environmental Foundations, Kenyatta University.
- **1989- 1996:** **Assistant Conservator of Forests I**, Ministry of Environment and Natural Resources, Kenya.
- **1987-1989:** **Assistant Conservator of Forests II**. Ministry of Environment and Natural Resources, Kenya
- **1983-1984:** **Untrained Teacher**, Nyandarua College, Kenya

4.0 ADMINISTRATIVE RESPONSIBILITY

4.1 *At Kenyatta University*

- **October 2020 to present:** Director, Mama Ngina University College
- **February 2020-October 2020:** Director, Global Tourism Resilience and Crisis Management Centre, Kenyatta University.
- **2 August 2011 to 30th October 2018:** Dean, School of Environmental Studies, Kenyatta University.
- **13th April 2010 to 2012:** Chairman, Senate Ad-hoc Committee on Academic Audit of Programmes.
- **2008 to 2012:** Chairman, Kenyatta University ICT Board
- **5th August 2008 to 2nd August 2011:** Chairman, Department of Environmental Sciences.
- **2007 to 2013:** Chairman, Kenyatta University Alumni Board
- **2006-2010:** Vice Chairman, Committee for Coming up with a new Kenyatta University Library.
- **2000- 2008** Examination Coordinator, School of Environmental Studies, Kenyatta University.
- **1997- 2000:** Examination Coordinator, Department of Environmental Science.

4.2 *At other Institutions.*

- **2019 to date:** Interim Executive Secretary, Africa Network for Agriculture, Agroforestry and Natural Resources Education (ANAFE)
- **2015 to date:** Secretary, Gideon International, Kiambu Camp.
- **2014-to Date:** Board Member, Human Resource Committee of Pan African Christian University Governing Council.
- **2010 to 2012:** Camp President, Gideon International, Kiambu Camp
- **2008 to 2015:** Board Member, Kiambu High School
- **2009 to 2015:** Chairman, Men Fellowship, Christ is the Answer Ministry (CITAM) Thika Road
- **2010 to 2018:** Chairman, African Network for Agriculture, Agroforestry and Natural Resources Education East and Central Africa Region (ECARAFT-ANAFE)
- **2000 to 2004:** Chairman, Kenya Students Christian Fellowship, Kiambu Camp
- **1993-1995:** President, International Students Association, University of the Philippines, Los Banos
- **1986 to 1987,** Vice Chairman, Moi University Students' Association
- **1986 to 1987:** Secretary, Moi University Christian Union.
- **1984 to 1987:** Treasurer, Moi University Christian Union

5.0 EXTERNAL EXAMINATION

2018: External Examiner, Department of Environmental Sciences, University of Medical Sciences, Khartoum, Sudan.

2016-Present: External Examiner, School of Tourism and Natural Resources, Maasai Mara University, Narok.

- 2012: External Examiner, Department of Forestry and Wood Technology, Chepkoilel University College of Moi University, Eldoret
- 2012-2016: External Examiner, School of Environmental and Natural Resources, South Eastern University College of University of Nairobi.
- 2008- 2012: External Examiner, Graduate School, Jomo Kenyatta University of Agriculture, Science and Technology (Examines PhD Dissertations and Master's Thesis)
- 2010: External examiner, Copper Belt University Zambia. Examined programs in the Faculty of Forestry and Nature conservation.
- 2009: External Examiner, Bunda College of Agriculture, University of Malawi. Examined a Msc. Thesis.
- 2008: External Examiner, Ph.D degrees, Faculty of Science, Jomo Kenyatta University of Agriculture, Science and Technology.
2006. External Examiner, Master of Philosophy, Faculty of Forestry and Wildlife management, Moi University, Eldoret.

6.0 CONSULTANCIES, CONFERENCES/SEMINARS/WORKSHOPS

6.1. Consultancies

- 2019-2021 Consultant for FAO, Global Forest Education Project-Africa Region.
- 2017 Consultant for African Network for Agriculture, Agroforestry and Natural Resources Education (ANAFE) to Collate, Systematize and Meta-analysis of available literature and information on Conservation agriculture.
- 2014 Team leader in carrying out Environmental and Social Impact Assessment for Mwakirunge Dumpsite, Mombasa County, Kenya. Consultancy carried out on behalf of Action-aid, Kenya.
- 2013 Consultant for FAO for preparation of the implementation plans for the climate change guidelines for forest managers in Kenya.
- 2012 Consultant for African Network for Agriculture, Agroforestry and Natural Resources Education (ANAFE) to identify similarities and differences in capacity for REDD+ implementation as contained in the survey reports from the three countries (Kenya, Tanzania and Ghana) and prepare a synthesis report on the same.
- 2011 Consultant for World Agroforestry Centre (ICRAF) to Map out areas where Payment for Environmental Services can add value to existing intervention for ecosystem management of Nyando River Basin.
- 2011 Consultant for World Wide Fund for Nature (WWF) to Review all previous project assessments for Kwale Landscape Forest Restoration Project in order to identify and consolidate lessons learned that could inform the development of a robust five years project.
- 2010 Member of Selection Committee for selection of Institutions in East, Central and Southern Africa to serve as the Focal Institution for The African Network for Agriculture and Natural Resources Education (ANAFE) 14th to 25th February 2010, ANAFE.
2009. Consultant for World Agroforestry Centre to Develop a project proposal entitled "Potential of Accele-Grow Technologies in Improving Indigenous Trees Cultivation to Address Challenges of Climate Change and Food Security in Africa".

6.2 Research Projects

2016	Overcoming the Challenges of Land Use Changes in the Trans-boundary Mara Basin (Funded By DAAD)
2015	Ecosystem-based adaptation (EbA) approaches for climate change, water and land-use management in the Tana River Basin (Funded by DAAD).
2007- 2009	Principal Investigator in the project “Bridging information gaps between researchers, extension staff and policy makers on water harvesting techniques for fruit growing in arid and semi arid lands in Kenya (Funded by Commission of Higher Education, Kenya).
2006-2008	Collaborator in the project “Indigenous Knowledge and Sustainable Management of Natural Resources in Selected Wetlands of Lake Victoria Basin: A Participatory Approach”. Funded by The Inter-University Council for East Africa (VicRes).
2005-2007	Collaborator in the project “Exploring tradeoffs around farming livelihoods and the environment: the AfricaNuANCES framework” (Funded by European Union)
2004-2006	Collaborator in the project “Participatory Scaling-up of soil nutrient management technologies for increased crop yields in smallholder farms of central highlands of Kenya. Funded project by FARM AFRICA
2003-2008	Collaborator in the project “Integrated soil fertility management strategies to enhance food security in the central highlands of Kenya. Project funded by The Flemish Interuniversity Council (VRIL-Belgium)
2003-2005	Principal Investigator in the research “The Effect of Mycorrhiza Inoculation on Growth Performance and Drought Resistance of Legume Plants in Acidic Soils.” Research funded by the Legume Research Network (Rockefeller Foundation)
2003-2004	Principal Investigator in the research “Evaluation of indigenous medicinal plants and setting priorities for their domestication in Ukambani Districts of Kenya”. Research funded by the Integrated Natural Resource Management Project in Ukambani (INRMU) (Forest Department and Belgium government (BTC)
2001-2003	Collaborator in the research project, “Enhancement of Soil Productivity by use of low-input Technologies in the Smallholder farms of the Central Highlands of Kenya” funded by the Forum on Agriculture Research Husbandry.

6.3. Participation in Workshop/Conferences

- 2nd February 2021: Forest Education Consultation Workshop for Africa Region (on line Zoom meeting)
- 30th November-2nd December 2020. Global Engagement Meeting for UK Research and Innovation International Development Peer Review College Members, On-line Zoom meeting)
- 30th September to 4th October 2019: Ecosystem-based Disaster Risk Reduction and Climate Change Adaptation in Africa (ECODRR/CCA) Workshop *Kenyatta University Nairobi, Kenya*
- 12th to 15th August 2019: CNRD-EXCEED IMaREC Workshop at the University of Gadjja Mada (UGM), Yogyakarta, Indonesia.

- 18th-22nd March, 2019: Training of Instructors on Ecosystem-based Disaster Risk Reduction workshop held at the University of Gadjadara (UGM), Yogyakarta, Indonesia.
- January 3 to January 15, 2019. "Learning by Co-Design - Teaching is Research" at Technische Hochschule Köln - University of Applied Sciences, Germany
- 3rd to 5th December 2018: International Conference on "Water Security and Change" held at Kenya School of Monetary Studies, Nairobi, Kenya.
- 21st to 28th April 2018. Training of Trainers Workshop on Introduction to System Theory the "City as a System and Urban Metabolism" Higher Education Didactics: Introduction to Problem Based Learning held at KUCC, Kenyatta University, Nairobi, Kenya.
- 22nd to 26th January 2018. CNRD-EXCEED Science Policy Workshop held at North Coast Beach Hotel, Mombasa Kenya.
- 4th to 6th December 2017. Conservation Agriculture Curriculum Development Workshop held on at Jacaranda Hotel, Nairobi, Kenya
- 18th to 21st September 2017. Water Security and Climate Change CNRD Exceed Conference held at Cologne, Germany.
- 22nd to 25th May 2017. CNRD-EXCEED Science Policy Workshop held at Ain Shams University, Cairo, Egypt.
- 19th October 2016. DAAD Exceed Centers Conference on Forced Migration - environmental and socioeconomic dimensions -Perspectives of higher education institutions in development cooperation held at Berlin, Germany.
- 24th to 25th June 2015: GCHERA Conference on "Universities' Global Challenge: Nutritional Security and Environmental Sustainability for Human Health" held at Holy Spirit University Kaslik, Jounieh, Lebanon
- 16th to 21st March 2014: 10th CAADP Partnership Platform Meeting (CAADP PP) International Conference Centre, Durban, South Africa.
- 4th – 6th December 2017: Conservation Agriculture Curriculum Development Workshop at Jacaranda Hotel, Nairobi, Kenya.
- 24th to 25th June 2015: GCHERA Conference on "Universities' Global Challenge: Nutritional Security and Environmental Sustainability for Human Health" held at Holy Spirit University Kaslik, Jounieh, Lebanon.
- 16th to 21st March 2014: 10th CAADP Partnership Platform Meeting (CAADP PP) International Conference Centre, Durban, South Africa.
- Kempinski Ambience Hotel, New Delhi 12th to 13th March 2014: Strengthening Capacities for Developing Value Chain of Neglected and Underutilized Species in Africa, World Agroforestry Centre (ICRAF), Nairobi, Kenya.
- 10th to 14th February 2014: The World Congress on Agroforestry 2014 (WCA 2014), Kempinski Ambience Hotel, New Delhi, India.
- 15th-20th July 2013: The Forum for Agricultural Research in Africa (FARA) 6th Africa Agriculture Science Week, International Conference Centre, Accra, Ghana.
- 13-15th May 2013: International Conference on Forests for food security and Nutrition, FAO Rome, Italy.
- 12th -16th November 2012. Workshop on capacity building and skills development in forest-based climate change adaptation and mitigation. Nairobi Safari Club, Kenya.
- 22nd-26th October 2012; Intergrated Soil Fertility Management in Africa; From Microbes to markets, Nairobi Safari Park Hotel, Kenya .

- 26-31 May 2012; Adaptation Futures; 2012 International Conference on Climate Adaptation, Tucson, Arizona, USA.
- 23-25 April 2012; Strengthening Africa's strategic agricultural capacity for impact on development (SASACID) Inception Meeting at Kenyatta University Conference Centre.
- 10-13 April 2012; Beating famines: Sustainable food production through land regeneration in a changing climate, World Agroforestry Centre (ICRAF), Nairobi, Kenya.
- 27th to 29th February 2012; unBRAIN Start up Workshop on Agribusiness Education Workshop, White Sand Hotel, Mombasa, Kenya.
- 9th -11th February 2012: Curriculum Development Workshop on Climate Change and Food Security for Inter-University Council for East Africa, Entebbe, Uganda 9th -11th Feb. 2012.
- 12th -13th January 2012; Planning for Strengthening African Strategic Agricultural Capacity for Impact on Development (SASACID Nairobi, Kenya).
- 28th to 30th November 2011; Mainstreaming African Tertiary Agricultural Education Institutions in the Comprehensive Africa Agriculture Development Programme (CAADP) Process, Ouagadougou, Burkina Faso
- 11th November 2011; Identification and Assessment of Capacity Building Needs for REDD+ in Kenya, Nairobi, Kenya.
- 15th -19th November 2011; Ministerial Conference on Higher Education in Agriculture in Africa Kampala, Uganda.
- 20th – 21st September 2011 Capacity Needs for REDD+ Implementation in Sub-Saharan Africa Nairobi, Kenya.
- 22nd – 25th February 2009 Regional Workshop on Climate Change: Responses and Mitigations Through Agriculture and Environment in East Africa Kampala, Uganda.
- 2nd World Congress of Agroforestry, 23rd -28th August 2009, Nairobi, Kenya.
- 10th – 11th August 2006. The first Kenya Forestry Society Scientific conference held in Nakuru, Kenya.
- 9th - 12th November 2005. The first DIVERSITAS Open Conference on Integrating Biodiversity Science for Human Well-being" Oaxaca, Mexico.
- 13th –15th December 2004: Tree On Farm Network (TOFNET) Stakeholders' priority setting workshop, World Agroforestry Centre, Nairobi, Kenya.
- 16th December 2004: Trees On Farm Network (TOFNET) Regional Steering committee meeting, World Agroforestry Centre, Nairobi, Kenya.
- 27th June to 2nd July 2004 1st World Congress of Agroforestry (Working together for Sustainable Land-use Systems), Orlando, Florida, USA.
- 24rd-28th May 2004: ECA Regional Agroforestry Training and Education Workshop: (Adult learning training of trainers workshop), Kigali, Rwanda.
- 17th to 21st May 2004: International Symposium of the African Network for Soil Biology and fertility (AFNET) of TSBF institute of CIAT : Improving Human Welfare and Environmental Conservation by Empowering Farmers to combat Soil fertility degradation. Yaounde, Cameroon.
- April 2003: One week ANAFE Symposium on Building Agricultural and natural resources education in Africa: quality and relevance of tertiary education, held in Kenyatta University, Nairobi, Kenya
- 5th –9th December 2003. Soil Science Society of East Africa (SSSEA) annual conference at Eldoret, Kenya.

- 19th –22 November 2003: Inaugural Stakeholders and Regional Steering Committee Planning Meeting for Trees On Farm Network For Eastern and Central Africa, World Agroforestry Centre, Nairobi, Kenya.
- 19th –22 November 2003: Inaugural Stakeholders and Regional Steering Committee Planning Meeting for Trees On Farm Network For Eastern and Central Africa, World Agroforestry Centre, Nairobi, Kenya.
- 28th –30th October 2003: Consultative Group on International Agricultural Research (CGIAR) Annual General Meeting, Nairobi, Kenya.
- 28th September-3rd October 2003: Third International Symposium on Dynamics of Physiological Processes in Woody Roots, Perth, Australia.
- April 2003: One week ANAFE Symposium on Building Agricultural and Natural Resources education in Africa: quality and Relevance of tertiary education, Kenyatta University, Nairobi, Kenya.
- 28th September-3rd October 2003: Third International Symposium on Dynamics of Physiological Processes in Woody Roots, Perth, Australia.
- 2nd-6th December 2002: Soil Science Society of East Africa (SSSEA) Annual conference at Mbale, Uganda.
- May 6-7 2001: Two-day stakeholders workshop on integrated soil fertility management strategies at Izaak Walton hotel, Embu, Kenya.
- 10th –13th April 2001: East and Central Africa (ECA) Regional Agroforestry Education and Training Groups (RAFTs) Workshop.
- 7th-10th May 2001 Tropical Soil Biology and Fertility Programme (TSBF) AFNET 8th Workshop, Arusha Tanzania.
- 1st -3rd March 2000. Chaired and guided ANAFE/ICRAF funded Curriculum Review workshop for Soil and Water conservation Department, Venue: Mekelle University College, Ethiopia.
- 3rd-10th Nov 2000 Annual Conference of the Soil Science Society of America. Minneapolis, USA.
- 15th - 26th May 2000 Conference of the Parties to the Convention on biological Diversity fifth meeting. UNEP Nairobi.
- 28th –29th May 1999. The Eastern Africa Environmental Network ninth conference on land care and community stewardship in eastern Africa.
- Nov 1998: Three-day National Agroforestry Research Project workshop at Embu, Kenya.
- 25th-29th March 1996. First Kenya National Agroforestry Conference. Nairobi, Kenya.

6.4. Presentation of Papers at Academic and Professional Conferences.

- Water Governance in Africa: Challenges and Opportunities. A Key note paper presented during the International Conference on Water Security and Climate Change held on 3 to 5th December 2018 at Kenya School of Monetary Studies, Nairobi, Kenya.
- Overcoming Challenges of Turning Science into Policy: Role of Universities and Research Organizations. A paper presented during the CNRD-EXCEED Science Policy Workshop held on 22nd to 26th January 2018 at North Coast Beach Hotel, Mombasa Kenya
- Collation, Systematization and Meta-analysis of available literature and information on Conservation agriculture. A paper presented during the

Conservation Agriculture Curriculum Development Workshop held on 4th to 6th December 2017 at Jacaranda Hotel, Nairobi, Kenya

- Climate Change-induced Migration and Water Conflicts in Africa: The Case of Pastoral Communities in Northern Kenya. A paper presented during the Water Security and Climate Change CNRD Exceed Conference held at Cologne, Germany on 18th to 21st September 2017.
- Bridging Information Gaps Between Farmers, Policy Makers and Researchers in the Rehabilitation of Degraded Watershed Ecosystems in Africa. A paper presented during the CNRD-EXCEED Science Policy Workshop held at Cairo, Egypt on 22nd to 25th May 2017.
- Effects of climate change on natural resources, migration and conflict among the pastoralist communities in Africa: The case of Northern Kenya, a paper presented at DAAD Exceed centers conference on Forced Migration - environmental and socioeconomic dimensions -Perspectives of higher education institutions in development cooperation on 19th October 2016 at Berlin, Germany
- Overcoming the Challenges of Training Leaders in East and Central Africa Tertiary Agricultural Institutions for the 21st Century Century, a Key note paper presented during the GCHERA World Dialogue on Establishing World-class Universities in the agricultural and life sciences at Nanjing Agricultural University, China on 19th to 22nd September 2015.
- The role of Universities in Africa in helping the continent become food and nutritional secure in the 21st century, paper presented during 2015 GCHERA Conference on “Universities’ Global Challenge: Nutritional Security and Environmental Sustainability for Human Health” at Holy Spirit University Kaslik, Jounieh, Lebanon from 24th to 25th June 2015.
- The Role of Researchers in Bridging Information Gaps between Farmers, Extension Agents and Policy Makers for Improved Food Production in Africa, Paper presented at the International Conference on Integrated Soil Fertility Management in Africa; From Microbes to Markets at Nairobi Safari P, 22nd to 26th October 2012.
- The Impacts of Climate Variability and Change on Natural Resource Use by Gender Among the Samburu Pastoralists Communities in Kenya, A paper presented in the International Conference on Climate Adaptation held at University of Arizona, Tucson USA on 26-31 May 2012.
- Impacts of Climate Change and Conflicts among Pastoralist Communities in Kenya. A paper presented in a workshop in Paris, France on 19th December 2011.
- Could Climate Change be the Cause of Conflicts in Eastern Africa? A paper presented in a workshop in Paris, France on 12th December 2011.
- Gender Vulnerability to Impacts of Climate Change among Samburu Pastoralist Community in Kenya. A paper presented at IFRA workshop held on 21-23rd Nov. 2011 at Nairobi, Kenya.
- Opportunities and challenges of mainstreaming climate change into agriculture and natural resource education in Africa. A paper presented during the 2nd World Congress of Agroforestry held at United Nation Complex Nairobi, Kenya on 23-28th August 2009.
- Climatic change and the Environment: Research, Education/Training and Outreach in Kenya. A paper presented during the East Africa Regional Workshop on ‘Climate change: Responses and Mitigations through Agriculture and Environmental

Management in East Africa' held at Speke Hotel, Munyonyo, Kampala Uganda on 22nd to 25th February 2009.

- Helping Small Scale Tree Farmers in Africa Participate in Carbon Trade. A paper presented on 25-27th Nov. 2008 during the open science conference on "Africa and Carbon Cycle: the CarboAfrica Project at Accra Ghana.
- Helping small holder tree farmers in Africa participate in carbon trading: A case of Siakago, Kenya. A paper presented during the CTA Seminar on the Implications of Global Climate change for sustainable Agricultural Production Systems in ACP Countries on 26th -31st October 2008 at Ougadougou, Burkina Faso.
- Opportunities for carbon trading among smallholder on-farm tree farmers in Kenya's semi arid lands. A paper presented during the 4th Kenya Forestry Research Institute (KEFRI) Conference held on 6th - 9th October 2008 at KEFRI Headquarters, Muguga, Kenya.
- Opportunities for carbon trading among smallholder agroforestry farmers in Africa: A case study of Siakago, Kenya. A paper presented during the 2nd ANAFE Symposium "Mainstreaming climate change in agricultural education" on 28 July - 1st Aug 2008 at Capital Hotel, Lilongwe, Malawi

7.0 POSTGRADUATE SUPERVISION

7.1 PhD Supervision (Completed)

- **Heeran M. Mutuku N85/24991/2012:** Tree cover Perspectives and Climate Change Resilience in the Drylands of South Eastern Kenya: The Case of Matungulu Sub-County, Machakos County
- **Musingo Tito Edward Mbuvi. N85/15766/05:** Assessment of Decentralization Outcomes to Forest Management Under Three Forest Management Regimes in Kenya (To graduate in July 2019). Already submitted the final thesis copies to graduate school.
- **Kagombe Joram Kimenju N85/11867/2008 .** Evaluating Payment Potential for Environmental Services and Watershed Conservation of Thika Dam, Murang'a County, Kenya. **Graduated in August 2018**
- **Stephen Chege Wairuri . N85/13320/2009.** Identifying dynamics of conflict in implementation of forest decentralisation policy: a case of Mount Kenya forest (Graduated in 2016)
- **Muriuki Salome Wamuyu .N85/32472/2009.** Potential of Using Biogas Technology to Mitigate Climate Change and Improve the Livelihoods of Small holder Farmers: The Case of Kiambu County, Kenya (Graduated in 2015)
- **Benson Kanyi No. D86/5033/2004:** Recognition and exploitation of entrepreneurial opportunities by smallholder tree farmers: the case of planting improved eucalyptus varieties in Lari district, Kenya (Graduated in 2014)
- **Benson Kamau Mburu N85/15725/2005.** Effects of Climate Variability and Change on Dry-land Agriculture and the Adaptation Strategies by Small-scale Farmers in Yatta District, Kenya (Graduated in 2013)
- **Daniel G. Manguriu. N85/15192/05:** Bridging soil fertility improvement technologies information gaps between researchers, extensionists and farmers in Mbeere and Meru south district (Graduated in 2012)

- **Oeba Vincent Onguso.** N85/10038/2008: A study of forest cover and carbon Sequestration in Central Kenya: An Application of Some Statistical Models (Graduated in 2011).
- **Joseph Kabucho Githiomi.** N85/15203/2005: Micro-level Wood Energy Planning for Kiambu, Thika and Maragwa Districts: A Case Study for Decentralised Wood Energy Plan in Kenya (Graduated in 2011).
- **Monicah W. Mucheru:** Nitrogen dynamic as affected by soil fertility status and nutrient replenishment inputs in central Kenya. Graduated in 2008.
- **John N. Muriuki:** The Potential of agroforestry in biodiversity conservation, soils improvement and sustainable development: A case of Mt. Kenya region (Graduated in 2008).
- **Josiah N. Gitari:** Use of green manure legumes to enhance soil fertility for maize production in Embu and Mbeere Districts, Kenya. Graduated in 2008
- **Jayne N. Mugwe.** Evaluation of Intergrated soil fertility management practices in the smallholder farms of Meru South District, Kenya. (Graduated in 2007)

7.2 Masters Supervision (Completed)

- **2018: Kipkemoi Isaac** N50/23417/2013. Spatio-temporal Degradation Detection and Modeling Future Scenarios of Embobut Forest in Elgeiyo Marakwet County, Kenya
- **2018: Nturibi Carol Kajuju,** N50/20271/2010: Clonal propagation of *Melia volkensii* Gürke trees for seed orchard establishment in Kiambeere, Mwingi county, Kenya.
- **2017: Svenja Speen.** (University of Science and Technology, Cologne).
- **2016: Borona Pius Mwenda.** N50/25774/2011. Assessing Vulnerability to Climate Variability and Change of Small scale Farmers in Wote Division, Makueni County, Kenya.
- **2015: Okemwa Christine Nyambeki,** N50/10739/08: Contribution of Ngusishi water resource user association towards farm forestry development along Ewaso Ng'iro North catchment area, Kenya.
- **2013: Patrick Mbaabu** N50/CE/11394/08: Propagation of *Ocotea usambarensis*, to enhance biodiversity conservation in Mt. Kenya.
- **2013: Benjamin Mutuku Kinyili,** N50/CE/11868/2008: impacts of community participation in forest management and their effects on community livelihoods in Ol Bolossat forest Kenya (submitted first draft).
- **2012: Kanoi Mary Ng'endo,** N50/21024/2010, Policy and Institutional Incentives and Disincentives on Conservation Agriculture with Trees in Kibwezi and Meru Counties, Kenya.
- **2012: Munga Gesare Hyrine,** N50/CE/15080/2008. Impacts of climate change on gender and natural resource use among the pastoralists of Samburu east district, Kenya.
- **2012: Peter Kingori Gakai,** N50/10111/2008: Environmental factors influencing infestation of redswamp crayfish and its socio-economic impacts in lake Ol Bolossat basin, Kenya.
- **2012: Muigai, David Ngumi** N50/10123/2008: Germination and growth performance of selected provenances of *osyris lanceolata* in Kenya.

- **2011:** Ndiritu Dedan Gatiki, N50/12969/05: Bioprospecting for Herbal Medicine in Kenya: a Case of Kakamega Forest and its Environs.
- **2011:** Njogu Paul Kuria N50/10982/07: Use of Woodfuel Energy Conservation Technologies to Mitigate Climate Change: Case of Nakuru Districts, Kenya.
- **2011:** Nderitu Ruth Wanjiru N50/11294/2004: Role of School Based Clubs in Addressing Environmental Threats in the Nile Basin: Case of Jinja District, Uganda
- **2011:** Muchoka James Peter N50/10322/2007: The Potential of *Ricinus communis* to Rejuvenate Livelihoods in ASAL Areas: The Case of Tharaka and Mbeere District, Kenya.
- **2011:** Mumu Joseph Munyi N50/10297/07: Scaling Up Micro-Catchment Water Harvesting Technologies and Fruit Trees Production Improvement for Small Scale Farmers in Yatta District, Kenya.
- **2011:** Simitu Parnwell Juma N50/10676/07: Consumption and Conservation of Drylands' Indigenous Fruit Trees for Rural Livelihood Improvement in Mwingi District, Kenya.
- **2011:** Musyoki Mary Kamau N50/11298/04: The Impact of Organic and Mineral Fertilizers on Soil Microbial Communities in Kabete Long-Term Experiment, Kenya.
- **2010:** Maureen A. Osula N50/11165/04: Culture and Wetland Conservation in the Nyando Wetlands, Kenya.
- **2010:** Luke Maina Njuguna. Factors Influencing Tree Diversification at Farm Level in Mt Kenya Region: A Case Study of Runyenjes Division, Embu District, Kenya.
- **2010:** Odhiambo Ken K'Oyoo. Challenges and Opportunities for Successful Dissemination of Agro-Forestry Initiatives in Kisumu East District: A Case Study of Kadibo Community.
- **2009:** Muthoni Olive N50/12953/2005: Rapid Assessment of Soil Conditions in Kenya Using Near Infrared Spectroscopy: Development of Simple Spectral Indicators.
- **2009:** Mfahaya Nafasi Wambui N50/7325/2001: Enhancing *Melia volkensii* Guerke (Mukau) propagation through vegetative propagation technique.
- **2009:** Naomi Njeri N50/5056/2003: The effect of dual inoculation with mycorrhiza and rhizobium on growth performance of the legume *Glycine max* in acidic soils.
- **2009:** Justin Pascal Muriuki: An Evaluation of Organic and Inorganic Technologies for Soil Nutrient Replenishment in Mukuuni and Murugi, Central Kenya
- **2009:** Timon Otieno Mboga: Conservation, Phenology and Ethnobotany of Some lowland Species of the Genus *Sansevieria* Thunb: Case of taita Taveta and Malindi Districts, Kenya
- **2009:** Sarah Chemtai Cheroben: Linkages between Integrated Soil Fertility Management Technologies and Marketing of Smallholder Produce in Meru South and Mbeere District, Kenya
- **2009:** Ochanda Khasenye Valentine: Conservation and Management of East African Sandal Wood Tree; (*Osyris Lanceolata* hochst & steudel,) in Kibwezi, (Chyullu hills), Kenya

- **2008:** Stephen W. Kahunyo M. Evaluation of the growth performance of Eucalyptus tree hybrids established in various agro-climatic areas of Kenya.
- **2008:** Muthamia Joses Muthomi. Determination of Partial Nutrient Balances for Improved Soil Fertility Management in Smallholder Farms of Kirege Location, Central Highlands of Kenya.
- **2008:** Gichu Alfred Ndungu. Opportunities for Carbon Trading Among Smallholder Farm Forestry Farmers in Semi-arid areas: A Case Study for Siakago, Kenya
- **2008:** Esther Wairimu Iregi. The Effect of Pre-marital HIV Test on the Sexual Behaviour of the Youth in the Church in Kabari, Kirinyaga District, Kenya (Saint Paul University)
- **2007:** Mercelyne Luxen Khalumba. Ethnobotany, Phenology and Conservation of Some Highland Species of the Genus *Sansevieria* Thunb: Case of Maragua and Nakuru Districts, Kenya.
- **2007:** Muriuki W. Salome, N50/5050/2003. Assessment of long-term impacts of organic and inorganic fertilizers on soil extractable phosphorous and carbon in Machanga, Mbeere district, Kenya
- **2007:** Felista W. Muriu, N50/7287/2002. Farmers decision-making process in their preference for soil nutrient replenishment technologies in the central Kenya highlands
- **2007:** Bernard M. Kivyatu. Evaluation of indigenous medicinal plants and setting priorities for their domestication in Ukambani Districts of Kenya.
- **2005:** Kiura Jonathan Muriuki. Informal agroforestry tree seed quality and supply systems: A case of peri-urban Nairobi, Meru and Western Kenya.
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8.0 RESEARCH AND PUBLICATIONS

8.1. Articles in Refereed Journals

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8.3. Books with ISBN Numbers

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8.4 Technical Publications with No ISBN Numbers

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- **Kung'u J.B.** (Editor) 2001. *Training Manual on Gender and Natural Resource Management and legal rights issues of communities on natural resource management* (Resource Project) unpublished.
- **Mucheru MW, Mugendi DN, Micheni A, Mugwe JN, Kung'u JB, and Gitari JN 2001.** Improved food production using herbaceous legumes in the central highlands of Kenya. *Legume Research Network Project Newsletter* 5:15-17.
- **Kung'u J.B , Temu A. B. and Keadire Mogotsi (2001).** *Recommended Contents of an Agroforestry Programme* ICRAF, Nairobi (Unpublished)
- **Kung'u J.B and A.B. Temu 2001.** *Agroforestry Curricula in African Universities and Colleges*. ICRAF Nairobi (Unpublished).
- **Kung'u, J.B. 1995.** Effect of VA-Mycorrhiza Inoculation on growth performance, coppicing ability and drought resistance of two Agroforestry tree species. Ph.D dissertation, University of the Philippines los Baños.

- **Kung'u, J.B. 1993.** Biomass production and some soil properties under a *Leucaena leucocephala* fallow system in Cebu, Philippines. Msc. Thesis, University of the Philippines los Banos.

9.0 Networking and Collaboration with External Organizations

- 2015: Initiated a collaboration between Kenyatta University and the Centre for Natural Resources and Development CNRD, Technical University of Science and Technology (TH Koln). Many projects have been implemented by the two universities.
- 2011: Initiated a collaboration with K.U.Leuven, Faculty of Bioscience Engineering and Department of Earth and Environmental Sciences, Leuven, Belgium. MOU signed in March 2012. Have developed a joint funded proposal.
- 2011. Initiated a collaboration with EHESS, Paris, France. Organized a joint workshop in 2011 and had a chance to Paris in December 2011.
- 2010. Initiated collaboration with Technical University of Berlin. MOU being developed.
- 2009. Involved in the collaboration with University of California Berkeley. Summer program being organized every year.

10.0 Membership to Professional Bodies

- Member of the UK Research and Innovation (UKRI) International Development Peer Review College
- Member, Africa Forest Forum
- Member, Forest Society of Kenya
- Member, Association of East Africa Environmental Impact Assessment
- Member, African Network of Tropical Soil Biology and Fertility

REFEREES

Prof. John Okumu

Department of Physics,

Kenyatta University

P.O. Box 43844, 00100

NAIROBI

E-mail: okumu.john@ku.ac.ke or okumujohn33@yahoo.com or dcv-acad@ku.ac.ke

Prof. Daniel Mugendi Njiru

Vice Chancellor,

Embu University

P.O. Box 6 - 60100, Embu, Kenya

Tel: +254 733 601635

Email: dmugendi@yahoo.com, danielmnjiru@gmail.com

Prof. Margaret J. Muthwii

Vice Chancellor,

Pan Africa Christian University,

P.O. Box 3770-00100

Nairobi, Kenya

Tel : 0721690358/0716444630

E-mail : mmuthwii@gmail.com