

CURRICULUM VITAE

ANDAMA EDWARD

1. Personal details:

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Profession: *Natural Resource Management/Rangeland and Wildlife Ecologist/Sustainable Development Education specialists*

Date of Birth: 24th August 1970.

Nationality: Ugandan.

Profile summary

I am a wildlife and rangeland ecologist and natural resource management specialist with experience in research and management of natural resources specifically natural rangelands and wildlife protected area environments such as forests, woodlands and savannahs in western, central and northern Uganda. I currently work at Busitema University as a Senior Lecturer in Biology Department, Faculty of Science and Education. I have passion for biodiversity conservation and has done most of my study projects in conservation of biological resources and landscapes. I am a passionate promoter of equitable education and currently consultant and partner to promote programmes that increase access to higher education for the disadvantaged communities in Uganda through promoting Higher education access/bridging certificate program. I love teaching profession and I am passionate about education for sustainable development. I graduate with PhD degree in Botany from Makerere University in 2008 after attaining Master of Science degree in wildlife Management and conservation and a Bachelor of Science degree in Biology in the same university. I have worked in administrative positions within university environment as head of department, Faculty dean and served in the university senate and council for over 8 years. I currently represent Busitema University in various fora including IUCNs the global nature conservation (IUCN) body, Nature Uganda and Forum for African women educationalist Uganda (FAWEU) chapter, Resilient Africa Network based at Makerere University among others. I also serve as governing board chair for Uganda cooperative college Tororo and local Non-Governmental Organization (NGO) The Victim Relief Alliance (TVRA). I also serve as chair for Research firm Zami Research Foundation limited (ZRF). I have personally invested my time and resources to promote vocational and technical education by establishing Katrini Comprehensive Institute-(KCI) in Terego district to support promotion of

practical skills for gainful self-employment and training of the poor community in Wet Nile region. This is to support enhancement of their livelihoods. I have been instrumental in establishing the greater eastern Uganda regional centre of expertise in education for sustainable development which is an initiative supported under Regional Centres of expertise (RCE) by the United Nations University based in Japan. I led the promotion of conservation education within the university student youth in northern and eastern Uganda region through establishing Nature Uganda branches in Busitema and Gulu Universities. I have initiated and led signing of Memorandum of understanding (MoU) between Busitema University and International Union for Conservation and Nature and Natural Resource (IUCN) - Uganda, Uganda Wildlife Authority (UWA) and National Forestry Authority (NFA). My teaching philosophy is “leave no one behind in promoting and harnessing their unique talents for livelihoods and community development. My philosophy is “Be determined to succeed”.

Languages spoken:

English: Very, fluent, official school language of instruction in Uganda

Kiswahili: Basic

Lugbara ti: Very, Fluent, first (mother) language

Luganda: Basic

2. Responsibilities additional employment areas:

- a) 2010-to date Senior Lecturer Faculty of Science and Education. up to date
- b) 2012 to 2019: Dean Faculty of Science and Education.
- c) 2012 -2014 Chairperson Research and outreach committee.
- d) 2012-2016.Member University council, Busitema University
- e) 2012-2019-Member University Senate Busitema University
- f) 2012-2014-Chairperson for Busitema University Development Partners and Stakeholder conference 2013.
- g) 2004-2009-Cordinatier Nature Uganda Gulu University Branch
- h) 2005-2007- Deputy Dean Faculty of Education Gulu University
- i) 2007-2009- Deputy Dean Faculty of education Gulu University
- j) 2002-2007. Senate member Gulu University
- k) 2002-2007-Council member Gulu University
- l) 2003-3007 Chairperson Gulu University Open day committee
- m) 2007-2009.Chairperson ceremonies committee Busitema University
- n) June 2002 – Dec 2002 Lecturer Biology Faculty of Education – Gulu University
- o) Jan 2002 – 2004 Head of Biology Department Faculty of Education Gulu University.
- p) Focal person FAWE Higher Education Access Programme Busitema University
- q) Focal person- international Union for conservation Nature (IUCN) Faculty of Science and Education
- r) Coordinator -Eastern Uganda Regional Centre of Expertise (RCE)
- s) Coordinator- Nature Uganda Busitema University
- t) Contact person- The eastern universities region for Resilient Africa Network (RAN)

- u) 2016 to date. Chairperson and Representative of tertiary institution to the governing council of Uganda cooperative college Tororo.
- v) July /September 2020. Research consultancy work I participated in: A rapid assessment of the socioeconomic impact of COVID-19 on communities in selected districts of Uganda. I lead the team for eastern Uganda undertaken through Resilient Africa Network (RAN), housed within the Makerere University School of Public Health supported by USAID.
- (i) Focal person deeply involved in the implementation of Higher education Access Programme HEAP activities, including mentorship for the supported students within Busitema University.

3. Academic Qualifications:

- 2003-2007: **Ph.D. (Natural Resource Mgt (Biodiversity))**-Botany Department Makerere University, Kampala, Uganda.
- Thesis: ***Invasive potential of Mauritius thorn and its use as deterrent around Bwindi Impenetrable National Park, Uganda. PhD. Thesis Makerere University, Kampala Uganda., pp. 211.***
- 1997-2000: **Masters of Science (MSc.) (Ecol. and Wildlife Mgt)**, Zoology Department Makerere University Kampala Uganda.
- Dissertation: ***The Status and Distribution of carnivores in Bwindi Impenetrable National Park, South Western Uganda. MSc. Dissertation Makerere University, Uganda. pp 115***
- 1996-1997: **Postgraduate Diploma in Education (PGDE)**, School of Education, Makerere University Kampala, Uganda.
- 1991-1994: **BSc. (Hons) (Bot & Zoo)**, Faculty of Science, Makerere University, Kampala, Uganda.

4. Graduate students supervised successfully

- a) 2011. Acanakwo Erik Francis. Tree Diversity, Use and Land Cover Changes In Mt. Otzi Forest Reserve, Northern Uganda, MSc Makerere University
- b) 2012. Owiny, Arthur Arnold. Regeneration status of indigenous forest tree species of Mt. Otzi Forest Reserve, Moyo District_MSc. Makerere University.
- c) 2017. Eustance Wandera Environmental Literacy and Practice of Environmental Sustainability among Secondary School Students in Busia District, Eastern Uganda Master Busitema University.

- d) 2020. George Edema Taako Stakeholder Capacity, Institutional and Regulatory Framework and the Implementation of EIA follow-Up in Central Uganda's Manufacturing Industries". PhD in Environmental Governance and Management University of Nairobi:
- e) 2020 Zadok Gideon Tawulira. Transfer Anxiety and Teamwork Among Teachers in Public Secondary Schools in Bukooli South County, Namayingo District.
- f) 2000. Patrick Tengera. Fishing Activities and the level of Students' Engagement in School activities in Busia District, Eastern Uganda

5. Professional Certificate Courses attended:


- a) 2021. Training workshop on biodiversity informatics. Makerere University Zoology department.
- b) "Graduate Supervision course Makerere University. July 2021.
- c) 2021. FAWE training workshop on gender responsive pedagogy (GRP), which took place at Admas Grand Hotel Entebbe between 30th - 4th December 2020.
- d) International training Programme (ITP) workshop on Education for Sustainable development (ESD), Sweden, Rhodes University, South Africa, October 2011
- e) DIES-International Deans' Course Africa 2015/2016, DAAD, Germany, Ethiopia and Ghana
- f) Certificate of participation – **"Inter-active leadership programme"**. 12 and 13 September 2007 Science and Technology Symposium. Lake view Mbarara, Uganda. British Council Uganda.
- g) Certificate on **Competitive Grants Proposal writing** organised by the Uganda National Council for Science and Technology, January 2008.
- h) Certificate of participation – **"Writing for publication, fundraising and communicating results"** Makerere University, Kampala, 8-11 August 2006.
- i) Certificate of completion – **"Geographic information systems for wildlife conservation"** Basic training in geographic information systems for wildlife conservation, Kampala, 11th to 25th November 2005. Wildlife Conservation Society.
- j) Certificate of successful project completion on writing on **"Use of Mauritius thorn (Caesalpinia decapetala): a Guide to Ecology, Propagation and Management as a hedge to mitigate human-wildlife conflict"**. Andama E, 2003. Environmental Conservation trust if Uganda ECOTRUST, Uganda.
- k) Fellowship training award – **"Hippos of the Black Volta"**, The Earthwatch Fellowship programme, European commission 2000. Earth Watch Europe

- l) Certificate of completion – “**Tropical Biology Association Field course in Tropical Ecology**” July 28th to August 26th 1999. Amani nature reserve, East Usambara Mountains Tanzania.
- m) June 1998: **Introductions to computer applications, Geographical Information System (GIS), and Remote Sensing (RS) applications.** Makerere University Institute of Environment and Natural Resources (MUIENR).
- n) Jan. 1997: **Biodiversity assessment skills,** Kibale National Park Uganda (Tropical Biology Association (TBA)).
- o) Mar.1996: **Assessment and Construction of Standard Test Items for Secondary Institution.** Kampala Secondary Teachers Association- Ministry of Education, Kampala.

6. Projects undertaken in where I was the lead consultant

- a) **Andama Edward 2020.** Estimating Population of African Elephant *Loxodonta Africana* (Blumenbach, 1797) In Rwenzori, Kibale and Bwindi National Parks. Uganda wildlife authority (cost 163millionUGX)
- b)
- c) **Andama Edward 2019.** Population, Distribution and Conservation Status of Sitatunga (*Tragelaphus Spekei*) (Sclater) In Selected Wetlands In Uganda. a Non Detrimental Finding (NDF) of sitatunga in Uganda, Uganda wildlife authority (112millionUGX)
- d) **Andama Edward 2015.** Baseline Study of the Flora in Offaka Sub County, Arua District.(45millionUGX)
- e) **Andama Edward and others 2012;**The study on the impact of limestone mining on the biodiversity of Dura sector of queen Elizabeth national park, Kamwenge district 2011/2012. (45millionUGX)
- f) Assessment of the effectiveness of Mauritius thorn (*Caesalpinia decapetala*.)hedge as a strategy for human wildlife control along the park boundary in Rwenzori mountains national park 2011
- g) Andama Edward 2011/2012 Distribution and Community perspective on medicinal values and conservation of Aloe *tororoana* (Reynolds) in Tororo District Eastern Uganda.
- h) Andama Edward 2011 Report on baseline survey for AICAD’S Community Empowerment Programme (CEP) in Kakindu Sub-county, Mityana District. African Institute for Capacity Development (AICAD) Uganda Country Office.
- i) Andama Edward 2009. Occurrence, distribution and relative abundance of medium to large size wild mammal species in Madi wildlife corridor.

- j) Andama Edward 2009. occurrence, distribution and relative abundance of medium to large size wild mammal species in Madi wildlife corridor: *Prospects for conservation and development opportunities*
- k) Andama Edward 2009. Lead Consultant in assessment of the effectiveness of Mauritius thorn (*Caesalpinia decapetala*) hedge as a strategy for human wildlife control along the park boundary in Rwenzori mountains national park.
- l) **Andama E.** 2004: Human Wildlife conflict mitigation around Nkuringo Buffer area of Bwindi Impenetrable National Park.. ITFC/WWF/UNESCO.
- m) Musaasizi J. and **Andama E.** 2007. training community on Human –wildlife conflict mitigation interventions around Bwindi Impenetrable National park, Uganda. International Gorilla, Conservation Programmes (IGCP):
- n) **Andama E.**, 2005. Ongeng D. and Langole S. Distribution, abundance, phenology, management and processing of *Tamarindus indica* to improve community livelihood in northern Uganda. African Institute for capacity Development (AICAD).
- o) **Andama E.** and Musaasizi Joel, 2004. Reducing cost of conservation to front line communities in south western Uganda. CARE Uganda.
- p) **Andama Edwards et al.; Biodiversity surveys and Mapping** -EIN Project, Makerere University Institute of Environment and Natural Resources (MUIENR): Biodiversity survey and mapping for district of Kumi, Palisa, Iganga, Tororo and Kamuli. 2002/2003.
- q) **Andama E.** 2004: Human Wildlife conflict mitigation around Nkuringo Buffer area of Bwindi Impenetrable National Park. **US\$ 26,000**. ITFC/WWF/UNESCO.
- r) Musaasizi J. and **Andama E.** training community on Human –wildlife conflict mitigation interventions around Bwindi Impenetrable National park, Uganda. International Gorilla, Conservation Programmes (IGCP): **Ug.Sh. 4million**
- s) **Andama E.**, Ongeng D. and Langole S. Distribution, abundance, phenology, management and processing of *Tamarindus indica* to improve community livelihood in northern Uganda. **US\$10,000**, African Institute for capacity Development (AICAD).
- t) **Andama E.** and Musaasizi Joel, 2004. Reducing cost of conservation to front line communities in south western Uganda. **US\$ 15,000**. CARE Uganda.
- u) **Andama Edwards et al.; Biodiversity surveys and Mapping** -EIN Project, Makerere University Institute of Environment and Natural Resources (MUIENR): Biodiversity survey and mapping for district of Kumi, Palisa, Iganga, Tororo and Kamuli. 2002/2003.

- v) **Andama Edward** and Mark Ocen. June- 2002. Survey of abundance, distribution and conservation status of Sitatunga, *Tragelaphus spekei* (Sclater) in wetlands of Murchison falls conservation area (MFCA). **GTZ** support, **US\$8,000**.
- w) **Andama Edward**. 1997-2000. Status and Distribution of Carnivores in Bwindi Impenetrable National Park Uganda. MSc. Thesis. **US\$5,000. MBIFCT**.
- x) **Andama Edward** 1999. Wildlife Crop Damage around Mgahinga Gorilla National Park: Particular reference to Porcupine (*Hystrix africaustralis*) crop damage. **US\$3,000. Care International in Uganda**.
- y) **Andama Edward, 2001-2005**. The Ecology and Use of *Caesalpinia decapetala* as a Deterrent to Crop Raiding around Bwindi Impenetrable National Park. **US\$ 25,000. MBIFCT/ITFC/GULU University/Eco-trust**. 
- z) **Andama E. 1998**. Population and Distribution of diurnal primates in primary and logged forests in Kibale National Park. **Makerere University/TBA**
- aa) **Andama E. 1994**. Bird species Diversity in Artificial and Natural forests in Kibale National Park. **Makerere University/TBA. Fees and facilitation costs**
- bb) **Andama E. , E., Geghard, L., & Matagaro, C. 1999**. Aspects of Tree morphology that influence distribution of epiphytes. A case study of *Asplenium nidus* in Amani, Usambara Mountains, Tanzania. **TBA/European union. Fees and facilitation costs covered**.

7. Activities under my supervision:

- a) 2017 to date. Chairperson The Victim Relief Alliance (TVRA); Local NGO based in West Nile region
- b) 2020 to date: Chairperson- Zami Research Foundation limited (ZRF) based at Tororo/Busitema University
- c) 2020-to date. Chairperson-Governing council Uganda Cooperative College – Tororo;
- d) 2016-2019; Member of Governing council Uganda cooperative college Tororo
- e) Coordinator Resilient Africa Network-Makerere University -Eastern Uganda
- f) 2014 to date Chair Regional center of expertise (RCE) Greater eastern Uganda
- g) 2018 to date IUCN membership. Focal person. Busitema University Faculty of Science and Education.
- h) 2017 to date: FAWE Uganda focal person Busitema University.
- i) 2008 to 2010: Co-ordinator Environmental Action planning using geo-information for northern Uganda post conflicts areas in Gulu University.
- j) 2003-to 2010: Coordination of field course for second year to Budongo Forest reserve and Murchison Falls National Park.
- k) 2004 to 2010: **Coordination of Nature Uganda Gulu** University branch activities.
- l) 2004 to date: **Supervision of final year Biology Candidate special projects**.

8. Professional Membership:

- a) Lions club- Tororo Host
- b) Forum for African Women Educationalists Uganda Chapter (FAWEU)
- c) East Africa Natural History Society (*NatureUganda-EANHS*)
- d) International Primatological Society (IPS)
- e) Tropical Biology Association Cambridge UK.
- f) Society of Conservation Biology (SCB)
- g) Uganda Wildlife Society (UWS).
- h) Uganda Group of Africa Network of Ethno-Botany/Ecology (EGANEB)
- i) Member Wildlife Clubs of Uganda
- j) Uganda Society
- k) African Network for Agriculture, Agroforestry and Natural Resources Education (ANAFE). Uganda National Agricultural Forum for Training (UGA-NAFT).
- l) Journal Recipient and partner member. Species survival commission “Small carnivore Conservation” IUCN.
- m) Recipient and member of magazine on Low External Input and Sustainable Agriculture (LEISA) since 2006.

9. Resource mobilization experience

- a) Part of the team that developed Higher Education access programme (HEAP). A four year project supporting A level candidate who performed dismally (due to environmental factors) in UACE to access higher education professional degree programme. The programme started 2017 with support of over **1.2 million** USD from Master card Foundation (MCF). Implemented by FAWE-Uganda.
- b) Project for Teacher retraining for ICT integration into education supported by Common wealth of learning (COL).2017. I was the team leader in proposal writing for the grant of **150,000** USD.
- c) Regional centre of expertise in education for Seasonable development (ESD) RCE conference 2015 at Entebbe Uganda i was the lead convener for the conference and was able to mobilise **165,000USD**..
- d) Team leader in the application for proposal to support refugees and host communities 2020.titled Rehabilitation and Protection of Natural Resources in Refugee and Host Communities, Arua district, Northern Uganda total **500,000 EUR** under The Victim Relief Alliance and supported by Malteser International.
- e) 21st Congress of International Primatological Society (IPS) Conference Entebbe Uganda: 25th – 30th June 2006. Fee and facilitation provided.

- f) Research award 2006: African Institute for Capacity Development (AICAD) research award 5th call Sept 2005. **US\$ 60,000.**
- g) The Whitley Awards Foundation- Rufford Small Grants 2002. For research Titled: Integrated management of Human wildlife conflict around Bwindi Impenetrable and Mgahinga Gorilla National Parks, Uganda. **British£5000.**
- h) Research award 2004-2005: Human wildlife conflict across agro ecosystems in south western Uganda. ASERECA –ECAPAPA. **CD\$12,000.**
- i) ‘Zika tropical forest conservation project”. Uganda wildlife Society **US\$50,000.** USAID/GEF -Small grant programme.
- j) Research award: 2006: Survey of Attitude of the communities living around Kibale National Park Uganda. **Ug.Sh. 13million.**
- k) Research award: 1998 to 1999: Mgahinga and Bwindi Impenetrable Forest Conservation Trust. **Ug.Sh. 4.5 Million.**
- l) Research award: 2000 to 2003: Mgahinga and Bwindi Impenetrable Forest Conservation Trust. **Ug. Sh. 12 million.**

10. Key passionate achievements

- a) Due to my passion on environmental issues I promoted establishment of the environment association within the universities, and was responsible for initiating starting of Nature Uganda branches at Gulu and Busitema universities.
- b) I also initiated formation of environmental clubs, education for sustainable association in Busitema University.
- c) Instituted and actively led planting of over 10,000 trees at Busitema University Nagongera campus.
- d) I worked to develop MoU with NFA and districts LG to conserve West Bugwe central Forest reserve among other efforts. Led the development of Mou with UWA for establishment of conservation and research center at Mountain Elgon national park.
- e) Initiated establishment of the Greater Eastern Uganda Regional Center of Expertise (GEURCE) in Education for Sustainable Development (ESD) which was the second center in Uganda accredited by Regional Center of expertise (RCE) global center under the United Nations University based in Japan. I also supported and facilitated the development of proposal for acknowledgment of the two new RCE/ESD centers in Uganda

11. Published Refereed Peer reviewed papers/book chapters:

- a) Omoding, J., Walters, **G., Andama, E.,** Carvalho, S., Colomer, J., Cracco, M., ... & Nakangu Bugembe, B. (2020). Analysing and Applying Stakeholder Perceptions to Improve Protected Area Governance in Ugandan Conservation Landscapes. *Land*, 9(6), 207.

- b) **Edward Andama** (Busitema University, Uganda) 2019|Administrative Support for Graduate Education Success in Resource-Poor and Culturally-Challenging Environments. Book chapter in Postgraduate Research Engagement in Low Resource Settings. Editor Dennis Zami Atibuni (University of Johannesburg, South Africa). ISBN13: 9781799802648
- c) Dickson Robert Opio¹, **Edward Andama**² and Gbednet Theophilus Kureh³ '2017. Ethnobotanical Survey of Antimalarial Plants in Areas of: Abukamola, Angeta, Oculokori and Omarari of Alebtong District in Northern Uganda . European Journal of Medicinal Plants 21(4): 1-14, 2017; Article no.EJMP.38043.
- d) Andima Moses, Ssegujja Bernard¹ , Owor Richard Oriko¹ , **Andama Edward** 2014 .Preliminary Qualitative Analysis of Phytochemical Constituents of the Endemic Aloe tororoana Raynolds in Tororo, Eastern Uganda. Global Advanced Research Journal of Agricultural Science (ISSN: 2315-5094) Vol. 3(3) pp. 096-099, March, 2014.
- e) **Edward Andama** and Ujeyo M. S. Suubi 2015. Chapter 9: Mainstreaming Education For Sustainable Development In Teacher Education At Busitema University, Uganda. In Lotz@Sisitka H., Hlengwa.,WardM.,SalamiA.,Ogbuigwe A.,Pradhan M., Neeser M.,&Lauriks S. (Eds).!(2015).!Mainstreaming Environment andSustainabilityin African Universities: Stories of Change. Grahamstown: Rhodes University Environmental Learning Research Centre. ISBN:978K0K86810K613K7
- f) **Andama E.**, C. Michira and G. B. Luilo,. 2003. Epiphytic ferns s potential indicators of changes in forest microclimate. Unasyuva. Vol. 54. ISSN 0041-6436, Forest management at the XII world Forestry Congress. Food and Agricultural of organisation of the United Nations, An international journal of forestry and forest industries.
- g) Musaasizi, J. **E. Andama**, D. Ruta and B, Byamukama, 2007. Conservation-based Conflict in South western Uganda. Policy paper. Programme for the association for strengthening Agricultural research in eastern and Central Africa (ASARECA), IDRC, ECAPAPA.
- h) **Andama E**, Ongeng D, Langole, 2006. Distribution, abundance, phenology, management and processing of Tamarindus indica to improve community livelihood in northern Uganda. African institute for capacity development (AICAD). Publication of first call projects. Mini reviews, volume 5, 3006. JICA ISSN 1880-925X.
- i) **Andama E**, and McNeillage A. 2002. Integrated wild vertebrate pest management around two tropical forest parks in Uganda. Integrated pest management conference Proceedings, 8-12 September, 2002, Kampala, Uganda. Makerere University, national Agricultural research Organization (NARO) and IPM/CRSP, *African Crop Science Journal*, Makerere University.

12. Conference paper Presentations:

- a) **ANDAMA Edward** – Rampant Indigenous Biodiversity destruction: A Precursor for Disaster. Poster Presentations-Natural Resource Utilisation. SIDA. Paper presented Hotel Africana Kampala.

- b) **Andama Edward.** Mitigation of Human-Wildlife Conflict in Uganda. Paper presented in Students Conference on Conservation Science 25t-27th march, 2008. Zoology Department, Cambridge University United Kingdom.
- c) **Andama Edward.** Invasive potential of *Caesalpinia decapetala* in Bwindi Impenetrable National Park, Uganda. Society for Conservation Biology (SCB) 21st Annual Meeting south Africa 2007.
- d) **Andama E. A.** McNeilage and B. G. Isabirye. 2006. An integrated approach to mitigate conflict between non-human primate and farmers around Bwindi impenetrable National Park, Uganda. Presentations at International Primatological Society Congress.
- e) **Edward Andama.** Population status and food habits of carnivores in Bwindi Impenetrable national park, Uganda. Paper presented in Students Conference on Conservation Science 28t-30th March, 2001. Zoology Department, University of Cambridge (United Kingdom).
- f) **Andama E.** and McNeilage A. 2002. Integrated wild vertebrate pest management around two tropical forest parks in Uganda. Integrated pest management conference Proceedings, 8-12 September, 2002, Kampala, Uganda. Makerere University, national Agricultural research Organization (NARO) and IPM/CRSP.
- g) **Edward Andama.** Integrated management of vertebrate pests around two National parks in Uganda. Paper presented in Students Conference on Conservation Science 22t-27th March, 2002. Zoology Department, University of Cambridge (United Kingdom).
- h) **Edward Andama.** Population status and food habits of carnivores in Bwindi Impenetrable national park, Uganda. Paper presented in Students Conference on Conservation Science 28t-30th March, 2001. Zoology Department, University of Cambridge (United Kingdom).
- i) **Edward Andama.** Integrated approach to mitigate conflict between non-human primate and farmers around Bwindi Impenetrable National park Uganda. Presentation in International Primatological Society Conference 25th to 30th June 2006 Entebbe Uganda.
- j) **Andama E** and J. Musaasizi, 2005. a review of problem animal management interventions around Bwindi impenetrable national park. The Rights, Equity and Protected Areas (REPA) Programme.
- k) **Andama E.**Population Status and Food habits of carnivores in Bwindi Impenetrable National Park. Second Student Conference on Conservation Science, Cambridge University (UK), 27th-30th March 2001.
- l) **Andama E.**Integrated approach to mitigate crop depredation around two tropical forests in South western Uganda. Third Student Conference on Conservation Science, Cambridge University (UK), 25th-28th March 2002.

- m) **Andama E.** The role of Parks in Nature Conservation in 21st Century. June, 1997. Zoology Department, Makerere University Kampala.
- n) **Andama E.** Use of *Caesalpinia decapetala* as a deterrent to crop raiding around Bwindi National Park. November 2001 Problem animal Workshop Lake view Hotel Mbarara.

13. Workshops and conferences attended;

- a) The 12th symposium of the natural product research network for east and central Africa (NAPRECA). Hotel Africana, July 22nd to 26th, 2007, Kampala, Uganda.
- b) Modern University and research management workshop 23rd-25th November 2007, Collin Hotel Mukono, Uganda. Faculty of Computing and Information Technology, Makerere University in Collaboration with Mbarara University of Science and Technology, Kyambogo University and Gulu University, nuffiic.
- c) The Lake Victoria research (VicRes) Imitative Annual general Meeting (AGM), 18-19 May 2005, Gordoto Hotel, Arusha, Tanzania,.
- d) African Network for Agriculture, Agroforestry and Natural Resources education (ANAFE). Makerere University Faculty of Forestry and Nature Conservation. September 2006
- e) Pre-Chogm symposium on science and Technology, Mbarara University of Science and Technology (MUST) 14th-16th September, 2007.
- f) Workshop for district leaders and other stakeholders on banana bacterial wilt control. 5-8 July 2004. Hotel Equatoria Kampala.
- g) Workshop for Initial assessment for Bwindi's Conservation Strategies. Bwindi Impenetrable national Park, on Project "Enhancing our Heritage (EOH) UNESCO.

14. Collaborations proposals undertaken at Gulu University:

- a) Empowering smallholder farmers through appropriate agro forestry practices for sustainable and profitable wetland management in three sites within east African countries. Proposal submitted to Lake Victoria Research initiative (Vicres), 2008. **Andama E.** Lalika (Tanzania), S (Kenya), Dr. Kaddu-Mukasa.
- b) Enhancing science teaching in academic institutions in the northern Uganda as a tool to promote sustainable rural development. Submitted to England –Africa partnerships in Higher Education, British council. 2007. **Andama E.** Contact person.
- c) Regional Initiative from capacity Building –East Africa (RICAB-EA). Proposal concept papers on regional Initiative in Science and Education (RISE). Prof. E. Maryan

Kenya, Dr. **Andama Edward**. Submitted to Executive Director Science Initiative Group at the Institute of Advanced Study Einstein Drive, Princeton, NJ 08540, USA.

- d) Participatory identification and evaluation of fast growing multipurpose tree species for agroforestry in mid-north Uganda. By. Dr. Phillip, Nyeko, Proj J. Obua, Dr. G. Nakabonge, Dr. **Andama E.**, Mrs. W. Olum, Dr. J. B. L. Okullo. Submitted to National Agricultural research Organisation (NARO) competitive grants scheme, 2007.
- e) Promotion of sciences in secondary and tertiary institutions. concept paper/working document. By **Andama E.**, Faculty of Science Education, Gulu University, Paper presented to Vice Chancellors Forum, 2005.
- f) Unlocking economic potential of indigenous drylands plant resources for poverty alleviation, rural transformation and adaptation to climate change impact. **Andama E.** S. Langole, R. Ketura. 2008.
- g) Promotion of Sciences in Secondary ad tertiary institutions: Team members for preparation of an annual of conference for the “promotion of quality education in northern Uganda”. Gulu University 2007.
- h) **Andama E.** 2006. “Promotion of sciences in secondary and tertiary institutions”: Concept paper/working document. Gulu University, paper Presented to the Vice-chancellors forum. 2005.
- i) Improving teaching and learning at Gulu University. An in-house workshop. **Andama E.** et al., 2004.

15. Referees:

1. Dr. Assoc Prof. Samuel Baker Kucel,
First Deputy Vice Chancellor- Academics Busitema University,
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2. Associate Prof. Anguma, Simon Katrini, Physical Address: Muni University Office of the Vice Chancellor P.O. BOX 725, Arua, Uganda Telephone: +256-702-205901 (Mobile) +256-774-535728 (Mobile) +256-476420312/3/4 (Office) Fax: +256-476 420316 E-mail Addresses: Simonanguma@gmail.com, s.anguma@muni.ac.ug
3. Associate Prof. Charles Tushabomwe-Kazooba Mbarara University of Science & Technology (MUST) · Central Administration. Tel: 0772667806 or 0705874268
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4. Associate Prof. Olema David Kani. Faculty Dean Busitema University Faculty of Science and Education, P. O. Box 236, Tororo Uganda. Tel: 0772938142/ 0702498976
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