

Dr. James K.A. Koske-Curriculum Vitae



1.0. PERSONAL INFORMATION

NAME: Dr. James Kibii A. Koske
ADDRESS: Department of Environmental Education, Kenyatta University, P.O. Box 43844-00100, GPO, NAIROBI, Kenya.
TEL: 0712570473
EMAIL: koske.james@ku.ac.ke; koskejames@gmail.com
NATIONALITY Kenyan
GENDER Male
DATE OF BIRTH 6th February, 1954

2.0. QUALIFICATIONS:

2.1. Academic Qualifications:

1994-1998: PhD in Land Degradation and Environment (Royal Holloway-University of London)
1986-1988: MEd (PTE). in Science Education and Environmental Education (Kenyatta University)
1975-1978: BEd. (Science) (Hons) (Botany, Zoology, Education). (University of Nairobi)
1973-1974: A level Njoro High School
1969-1972: O level Litein High School
1970: KJSE (Litein High School)
1961-1967/68: Cheribo Primary School/Cheptenye Primary School (KPE/CPE)

2.2. Professional Courses:

- 2005: Completed training on e-learning (Blackboard Learning Management Software as Trainer and User).
- 2012: Completed a training on radiation protection and security, in the International Nuclear Safeguards and Engagement Program, Pacific Northwest National Laboratory, Richland, Washington, USA.
- 2013: Completed training on Teaching Skills organized by Kenyatta University.
- 2014: Completed training on Use of 'Smartboard' for teaching and learning, organized by Kenyatta University.
- 2014: Completed training on Design Basis Threat by the International Atomic Energy Agency (IAEA) in cooperation with the Kenya Radiation Protection Board (RPB) held at the Utalii Hotel.
- 2015: Completed training on

3.0. EMPLOYMENT HISTORY

1978-1986: Employed by TSC as high school teacher in various schools (Kaptumo, Aldai Girls and Kiborgok high schools)

1988-1989: Lecturer, Kericho Teachers College

1889-1991: Tutorial Fellow, Centre for Environmental Education, Kenyatta University.

1991-2008: Lecturer, Department of Environmental Sciences, Kenyatta University.

2008-2014: Lecturer, Department of Environmental Education, Kenyatta University.

2015 to date: Senior Lecturer, Department of Environmental Education, Kenyatta University.

3.1 TEACHING UNITS/SUBJECTS:

- 1 Land Degradation and Rehabilitation
- 2 Climate Change and Sustainable Development
- 3 Environmental Impact Assessment and Auditing
- 4 Environmental Law
- 5 Environmental Education
- 6 Environmental Quality Management Systems and Resettlement Action Plans
- 7 Environmental Engineering Management Tools

4.0. ADMINISTRATIVE RESPONSIBILITY

4.1. At Kenyatta University

- 2016-Present: Chairman of the Department of Environmental Education
- 2013-Present: Member of Departmental Corruption Prevention Committee (KU/EED/DVC AC/VOL.1 (1) of 26.4.2013).
- 2012-Present: Member, Department of Environmental Studies Strategic Plan Committee. (Dean's letter dated 26.4.2013).
- 2010-2016: Coordinator, Open and Distance and e-Learning, School of Environmental Studies.
- 2008-2013: Coordinator, practicum and attachment program, School of Environmental Studies, KU
- 2010-2012: Teaching Practice Zone Coordinator (Narok-Bomet-Kericho Zone)
- 2003-2007: Deputy Director (Student Admissions, Examinations and later Material Development), Institute of Open Learning, Kenyatta University
- 1999-2003: Coordinator, Field Courses, Department of Environmental Science Kenyatta University.
- 1999-2002: Chairman, School Board of Postgraduate Studies Committee, Faculty of Environmental Studies (KU)
- 1991-1993: Senate Representative, School of Environmental Studies;
- 2013-Present: Member, School of Environmental Studies Strategic Plan Committee.
- 2009: Participated in initiation and program/course and unit description of the *Master of Environmental Studies (Climate Change and Sustainability)* in the Department of Environmental Education.

4.2. At Other Institutions

2015-2017: External Examiner, University of Nairobi.

2012-Present: Internal Examiner, University of Kabianga (Undergraduate and Post graduate).

2011 to date: Member and Chairman of Board of Management (BOM), Sosiot Girls Secondary School.

2009 to date: Member, Radiation Protection Board (RPB).

2009 to date: Chairman, of Radiation Waste Management and Nuclear Security Committee (RWM&NSC), of Radiation and Protection Board of Kenya.

2013-date: Member (national) Nuclear Security Coordination Committee (NSCC) of Radiation Protection Board of Kenya.

2013-date: Member NSCC Technical Working Committee (NSCC-TWC) of the RPB, Kenya.

2004-Date: Chairman, Environment Society of Kenya.

5.0. POSTGRADUATE SUPERVISION

5.1. PhD Supervision:

5.1.1. Ongoing:

1. Kangai, Ruth (N85/37767/2016) Title: Adoption of climate variability coping strategies among smallholder farmers in Embu County, Kenya (Ongoing PhD Thesis)
2. Cheruiyot, Musa Kipchumba (N85/24130/011) Title: Impacts of Land Use and Land Cover Changes on Environmental Flows in the Malewa River Sub-Basin, Kenya. Ongoing PhD Thesis.
3. Chirchir, Reuben Kipkemoi (N85/24131/2011) Title: Instruments of Environmental Governance: Evaluation of the Environmental Impact Assessment (EIA) System in Kenya. Ongoing PhD Thesis.
4. Irungu, Sarah Wachuka: (N85/23098/2010) Title: Enhancement of Community Self-Help Group Activities through Environmental Field Classes in Kitui County, Kenya. Ongoing Phd Thesis.
5. Mwaura, Joseph (N85/27033/2011) Title: Economic Analysis of Farm Level Climate Change Adaptation Strategies in Smallholder Farms of Ijara Sub-County, Garissa, Kenya (2011) (graduated)
6. Njiru, Beth Njeri (N85/10716/08) Title: Climate change information and response to water stress among the Maasai pastoralists of Kenya. PhD research thesis (deceased after submission).

5.2. Masters Supervision:

5.2.1. Completed:

1. Achieng Ochieng Millicent, (N50/20302/2010) Title: An Assessment of the Level of Awareness on Climate Change among Primary School Teachers in Kisumu Municipality, Kenya. M.Ens (Climate Change and Sustainability), 2012
2. Ireri Paul Mwaniki (N50/CE/23087/2010) Title: An Assessment of Effect of Climate Change on Food Security to Residents of Gachoka Constituency in Mbeere District. M.Ens (Climate Change and Sustainability) Thesis 2012.
3. Kanyiri, Lawrence Njuguna (N50/CE/14484/2009) Title: Institutional Synergies Towards Curbing Climate Change Through Decentralization of Forest Resources: A Case of Kakamega Forest in Kakamega County, Kenya. Msc (Climate Change and Sustainability) Thesis, 2011.
4. Omar Boru Jillo Aga (N50/CE/14196/2009) Boran Pastoral Innovations in Response to Climate Change: A Case of Merti Division, Isiolo County, Kenya. MEv.S. (Project).
5. Kimondiu, Joshua Matata (N50/CE/14489/2009) Title: Assessment of Adoption of Farming Innovations among Maize Farmers in Yatta Division of Kitui County, Kenya. Msc (Climate Change and Sustainability) Thesis, 2011.
6. Koge Jessica Wangui (N50/21524/2010) Impacts of Climate Variability on Large-Scale Coffee Production in Kigutha Coffee Plantation in Kiambu County M.Ens (Climate Change and Sustainability) Thesis 2012.
7. Koskei Nancy Chebet (N50/21897/2010) Title: Women's Domestic Chores and Their Vulnerability to Climate Variability in Chepseon Sub-Location, Nakuru County, Kenya. M.Ens (Climate Change and Sustainability) Thesis 2012 (With Dr R.K. Kerich).
8. Lelenguyah Geoffrey Lenyayon (N50/21525/2010) Title: Effects of Climatic Variability on Pastoral Livelihoods in Marigat District of Baringo County, Kenya. M.Ens (Climate Change and Sustainability) Thesis 2012.
9. Mamo Boru Mamo (N50/CE/11148/2006) Title: Role of Environmental Committees in Promotion of Environmental Education: the Case of Korr Location of Marsabit County, Kenya. Msc. (Eed) Thesis, 20101.
10. Mathenge, Margaret Wambui (N50/CE/14482/2009). Title: Impact of Natural Resource Based Conflicts on Community Livelihoods in Lake Ol'bolossat Catchment Area, Nyandarua County, Kenya. Msc(Eed) Thesis, 2011.
11. Mugure Keziah Monnicah (N50/CE/22311/2010) Biogas As A Source Of Clean Energy To Mitigate For Climate Change Exacerbated By Use Of Woodfuel In Gatanga Division. M.Envs (Climate Change and Sustainability) Thesis 2012.
12. Mumini Ndenge Dzoga (N50/CE/23416/2010) Title: Evaluation of Beach Hotel Capacity To Cope With the Climate Change Variability in

- Students' Mombasa County, Kenya. Msc (Climate Change and Sustainability), 2012.
13. Mutahi William Gichuki, (N50/CE/14483/2009) Title: Awareness of Climate Change Issues through Secondary School Curriculum in Nairobi County, Kenya. Msc (Climate Change and Sustainability), 2011.
 14. Boru Jillo Halkano (N50/CE/10680/2007) Climate Variability and Response Strategies among the Gadamoji Agro-Pastoralists of Marsabit County, Kenya. Menvs (Cc), 2013.
 15. Ndung'u James Njuguna (N50/CE/14487/2009) Title: Assessment of the Fuelwood Demand and Supply System in Igwamiti Location, Laikipia County, Kenya. Msc (Eed) 2011.
 16. Ngeranwa, Daniel, (N50/CE/11139/06) Title: Influences of Khat Consumption on Educational Success among Upper Primary Schools Pupils in Gachoka Division, Embu County, Kenya. Msc (Eed) Thesis, 2010 Submitted for Examination.
 17. Njeri, Hannah (N50/CE/11168/06) Relationship between academic performance and perception of solid waste management: a case study of Primary School pupils in Laikipia East District. MSc (EED) Thesis.
 18. Ocholla Odhiambo Gordon, (N50/21029/2010) Title: the Potentials of Samburu Indigenous Knowledge Systems for Better Wildlife Management within the Fringes of Mathews Range in Samburu County, Kenya. Menv. Pln&Mgt, Project. 2011.
 19. Sarara Joseph Meteti, (N50/CE/11376/2007) Title: Assessment of Adequacy of the Nairobi Conservation Education Centre in Meeting Tourists' Conservation Education Needs. Msc. (Eed) Thesis, 2010.
 20. Sigoria, Everlyne Nasenya (N50/10391/2008) Title: Investigation of heavy metal pollution in *Phaseolus vulgaris* and *Vigna unguiculata* grown using untreated sewage water in Ruai, Nairobi, Kenya. M.Env. Sc., thesis
 21. Wahogo Purity Mumbi, (N50/CE/23093/2010) Title: Assessment Of Factors Affecting Adoption Of Rooftop Rainwater Harvesting In Secondary Schools in Murang'a East District Of Murang'a County, Kenya. Msc (CCS) Thesis, 2012.
 22. Everlyn Chitechi: Title: The changing wetland use and its implications in Mumias Division, Kakamega District, Kenya. Successful M.Env. S., 1996.
 23. Orindi, Victor Ayo: Title: Soil and water conservation under improved fallow species in Vihiga District, Kenya: Successful M.Env. S., 2001.
 24. Mwenda, Anjelina Nduta: Title: Assessment of *Jacaranda mimosifolia* for wood carving: The case of Machakos and Nairobi: Successful M.Env.S., 2003.
 25. Kariuki, Peris Mweru: Title: An assessment of impact of charcoal making on distribution of some tree species in Kibwezi Division, Machakos District. Successful M.Env. Sc., 2002.

26. Langat, Hellen: Title: Soil fertility management through organic farming in Kalama Division, Machakos District. Successful M.Env. Sc., 2006.
27. Masaku, Margaret Kavenge: Residents' roles and perception of solid waste generation and impact on environmental quality in Machakos Town, Kenya. Successful M.Env. Sc., 2008.
28. Sikunyi, G. (Resource use and prediction in Marsabit area, Kenya, successful M.Env. Sc., 2007
29. Gatobu, Ken: The role of farm yield outlets on food security: the case of open air markets in Meru south and Mbeere Districts, Kenya. (Successful M.Env. Sc., 2010.
30. Maina Njeri, Hannah: (N50/CE/11168/06) Relationship between academic performance and perception of solid waste management: a case study of Primary School pupils in Laikipia East District. MSc (EED) Thesis.2012.
31. Barasa, Michael Kisiangani (N50/11155/2004): Indoor air pollution from cooking and lighting fuels: A case study from Gadamoji households. Successful M.Env. Sc., 2007.
32. Orodha, Paul Sunya (N50/5007/2003): The Impact of Increased Population and Sedentarization of Pastoral Communities on the Land Cover and the Resources of Mount Marsabit Forest and the Surrounding Lands. Successful M.Env. Sc., thesis 2011.
33. Obwocha Everlyne Binyanya, (N50/20581/2010) Title: Assessment of the Impacts of Climate Change On Food Security: The Case of West Pokot County, Kenya. Ongoing M.Env. Sci. Thesis.2011. Defended successfully May, 2015.
34. Chepkwony Leonard Kipsang' (N50/Ce/21772/2010) *Farmer Awareness of Climate Variability Impacts on Tea Production in Ainamoi Division, Kericho County, Kenya, Menvs. (Cc).Thesis. (completed)*
35. Alice Wambaire Waithaka (N50/23020/2011) Wastewater Management In Cotton Wet Processing In Thika Cloth Mills In Thika County, Kenya. Menv.Sc. Thesis. Completed 2017
36. Betty Kerubo Gisore (N50/20708/2012) Greenhouse Gas Emissions from Dairy Cattle Excreta: A Case of ILRI Farm in Kabete Area of Nairobi County, Kenya. Menv. Sc. (Thesis).
37. Kagendo, Magdalene Njiru (N50/21026/2010): Title: Impedance of Germinative Emergence of (*Eleusine coracana* (L.) Gaertn, *Zea. mays* L.) by Two Types of Polythene Waste Material in Soil: Ongoing M. Env. Sci) Thesis, 2012.(completed)
38. Naomi Moraa Ongaki (N50/21535/2010) Rural Women's Coping Strategies in Response to Water Scarcity in Yatta Division, Of Machakos County, Kenya. M.Ens (Climate Change and Sustainability) Thesis 2012 (With Mr. D.G. Manguriu) completed

39. Njeri, Emily, Kinyi, (N50/CE/14490/2009) Title: Role of School Administration in Teaching Environmental Education: A Case Study of Public Secondary Schools in Dagoretti District, Kenya. Ongoing Msc(Eed) Thesis.2011.
40. Obwocha Everlyne Binyanya, (N50/20581/2010) Title: Assessment of the Impacts of Climate Change On Food Security: The Case of West Pokot County, Kenya. Ongoing M.Env. Sci. Thesis.2011.(completed)
41. Ochieng Ounda Kepher (N50/CTY/PT/24889/2011) Analysis of a 3-Year Trend in Dissemination of Climate Change Information through Print Media in Kenya. Menv. S (Cc) Project
42. Somoni Prisca Bonareri. (N50/CE/28234/2013) Variability Of Selected Heavy Metal Concentrations In Selected Points Of River Kapingazi In Embu County, Kenya. M. Env. Sc. Thesis- Ongoing)
43. Tarus, Risper Chelagat (N50/Ce/14480/2009) Title: Factors Influencing Adoption of Biogas Fuel in Learning Institutions in Nandi County, Kenya. Ongoing Msc (Eed) Thesis, 2011.

5.3. Ongoing Supervision:

1. Charo Joseph Kazungu (N50/CE/23416/2010) Secondary Schools Principals Awareness of Waste Biogas as an Alternative Source of Fuel in Schools in Kilifi County, Kenya. Ongoing M.Ens (Climate Change and Sustainability) Thesis 2012 (With Dr. C. Gichuki).
2. Ekandi Muricha Obadiah, (N50/12165/2009) Title: Implications of Nomadic Pastoralism on the Livelihoods of Host Communities in Meru County, Kenya. Ongoing M. Env (Community Development) Thesis.2011
3. Janet Ahatho Ekalo (N50/CE/26790/2011) Role of Indigenous Knowledge on Conservation of Specific Selected Tress among Rendille Community in Marsabit County, Kenya. Msc (Eed) (2013) Thesis.
4. Jeniffer Jemutai Kipkazi (Reg. No.: N50/Ce/24418/12) Ecosocial Effects Of *Prosopis juliflora* (Sw. Dc.) in Ilchamus Area Of Baringo County, Kenya (Menv. S. (Cc)). Thesis Ongoing.
5. Kabacia Andrew Githinji: (N50/Ce/11374/07) Title: Role Of Indigenous Knowledge In Storage In Food Crops Among In Tharaka Residents, Embu District, Ongoing Msc (Eed) Thesis.
6. Kanga Njeru (N50/26788/2011) Adoption of Farm Forestry in Mitigation of Rainfall Variability In Maara District, Tharaka Nithi County, Kenya (Project) Menvs. (Cc). (completed)
7. Kipkore, Erick Cheruiyot (N50/CE/11151/06) Title: The Role of Marakwet Indigenous Knowledge in Forest Conservation: A Case of Kipkunur-Embobut Forest in Keiyo Marakwet County, Kenya. Msc (Eed) Ongoing Thesis, 2011.
8. Koskei Betty Chepkemoi N50/Ce/26789/2011 Role Of Indigenous Horticultural Knowledge In Propagation Of Trees And Shrubs In Eldama Ravine Division Of Baringo County, Kenya (Msc-Eed)
9. Marion Marigu (N50/CE/23088/2010) Climate Change Impact on Household Food Security: A Case of Community Coping Strategies in Embu West District, Embu County, Kenya. Nyaga Menvs. Cc Project.
10. Maritim C Naomi N50/Ce/23415/2010) Stakeholder Participation In Solid Waste Management In Narok Municipality, Kenya. (Msc-Eed).Thesis.
11. Mayaka Kwamboka Elvine (*Bsc.*) Reg. No.: N50/25545/2013) Effects Of Climate Variability On Food Security In Ooloolua Area Of Kajiado County, Kenya. Menv. S. Thesis: Ongoing.
12. Mbinga Phedence Juliana (N50/23017/2011) Youth Perception of Biodiversity Conservation: A Case of Undergraduate Students from Kenyatta University, Kenya. Menv. Sc. Thesis.
13. Mbuthia Milkah Gathoni (N50/24126/2011) Habitat Characterization of the Mangrove Forest: A Case Study of Shanzu, Kenya. Ongoing M.Env. Sc. Thesis 2012. ongoing
14. Munialo Titus (N50/CE/21362/2012) Impact of Climate Variability on Maize Yield in Tongaren Constituency, Bungoma County, Kenya. Menvs. Project.

15. Nakami, Buyela Jackline. (N50/CE/15533/05) Analysis of the teaching of environmental education concepts in Teacher Training College curriculum in Kenya. Ongoing MSc (EED) Thesis.
16. Ndiwa Joseph Kimtai (C50/CE/23841/2013) Impacts of Climate Variability on the Prevalence of Dengue Fever in Mandera South Sub County, Kenya. Menvs Project.
17. Nyangweso Nyatichi Hyline (N50/CE/22541/2011) Community Roles in Forest Resource Conservation: A Case of a Section of Mau Forest Complex (Transmara), Kenya. Msc. Eed. Thesis.
18. Nyarieko Nyandiko James, (N50/Ce/23083/2010) Title: Food Aid Dependency among Community in Elwak Area of Mandera County, Kenya. Msc (Cc), 2012 Project.
19. Opar Anne (N50/Ce/26795/2011) Impact of Climate Variability on Pond Water Availability: A Case of Rachuonyo North District, Homabay County, Kenya. Menv. S. (Cc) Project.
20. Rael C. Kasiwai (N50/CE/25531/2013) Responses to Climate Variability Among Eco-Spatial Communities Of West Pokot County, Kenya. Menv. S. (Cc) Ongoing.
21. Sigei Philip Kipkoskei (N50/CE/23077/2010) Adoption of Sorghum in Climate Change Mitigation in Garissa County, Kenya. Menv. S (Cc) Thesis.
22. Wanyama Alice Namwaya (N50/CE/22663/2011) Climate Change Awareness among Municipal Waste Management Workers in Mombasa City, Kenya. Menvs. Cc.Project.

6.0. CONFERENCES/SEMINARS/WORKSHOPS:

6.1. Participation in Workshops

16th – 18th October, 2017: ESDA Consortium Workshop held at the University of Cape Town organized by ESDA Consortium in collaboration with United Nations University, Tokyo and the University of Cape Town.

28th April 2017: National Workshop on Sustainable Urban Development held at Kenyatta University (KU): Organized by Department of Environmental Education (KU) in collaboration with United Nations University, Tokyo.

3rd – 7th April, 2017: Regional Workshop to Launch a Project on Enhancing National Regulatory Framework for Nuclear Security in African States held at Ibis Hotel, Rabat, Morocco. Organised by FNRBA and IAEA.

21st – 25th November, 2016: Joint IAEA-KINS Regional Workshop for FNRBA on Radiation Safety at Mombasa organized by FNRBA, IAEA and KINS of the Republic of Korea.

- 25th – 27th April, 2016: Pilot ETRes & SARCoN workshop held at the Nairobi Club organized by IAEA and Kenya Radiation Protection Board:
- 2nd - 4th March, 2015: Regional Workshop on Developing Nuclear Safeguards-Related Regulatory Documents held at Tsavo Lodge, Voi, Kenya, Organised by U.S. Department of Energy/National Nuclear Security Administration under International Nuclear Safeguards Engagement Program.
- 13th – 14th November, 2014: The 9th Jomo Kenyatta University of Agriculture and Technology (JKUAT) Scientific, Technological and Industrialisation Conference and Exhibitions held at The African Institute of Capacity Development (AICAD).
- 11th – 12th November, 2014: Climate Change Curriculum Review Meeting at Kenyatta University Conference Centre (KUCC), for The Walker Institute of the University of Reading, UK implementing a project entitled '*Supporting the Rockefeller Foundation Climate Change Units in East and Central Africa: Phase II*' funded by the Rockefeller Foundation under their Climate Smart Rural Development (CSR D) for Africa Initiative.
- 14th-17th October, 2014: National Workshop on Design Basis Threat Training workshop organized by the International Atomic Energy Agency (IAEA) in cooperation with the Kenya Radiation Protection Board (RPB) held at the Utalii Hotel.
- 10th – 12th June, 2014: Animal Welfare Education, Organized by Kenyatta University and World Society for the Protection of Animals (WSPA) at BSCC Room 147, Kenyatta University.
- 11th -13th February, 2014: Electronic Blackboard Training, Organized by Kenyatta University, at BSCC Room 012, Kenyatta University.
- 18th – 27th August, 2012: Radiation Protection and Security Benchmarking Workshop in Brussels and Antwerp, Belgium.
- 14th – 18th May, 2012: International Nuclear Safeguards Engagement Program Workshop Pacific Northwest National Laboratory Richland, Washington.
- 23rd February-7th March, 2009: Workshop on Education for Sustainable Development in a River Basin-Africa, 2009 organized by SIDA& Kenyatta University, at KUCC, Kenyatta University.

28th – 30th October, 2008: Workshop on Sea Cucumber Regional Project (Final Workshop)-Strengthening the management of the Sea Cucumber Fishery in the Western Indian Ocean, Organized by the Wild Life Conservation Society, Sai Rock Hotel, Mombasa, Kenya.

May, 2005: Workshop on e-Learning Training on Use of “the Blackboard” , Organised by Kenyatta University & Edu-Tech Middle East, Kenyatta University Institute of Open Learning.

4th -8th April, 2005: AVU Curriculum Contextualization Workshop (CCC-2), organized by the African virtual university, Safari Park Hotel, Nairobi.

10th February, 2004: Kenya National Land Policy Workshop organized by the Ministry of Lands, at Kenya Institute of Monetary Studies, Thika Rd, Nairobi.

28th April, 2003-October, 2003: National Constitutional Conference, Bomas of Kenya, Nairobi, Kenya.

3rd – 6th April, 2003: National Constitution Conference District Delegates Workshop, Organized by Kenya Women Political Caucus, Sirikwa Hotel, Eldoret, Kenya.

22nd -24th October, 2002: National Constitution Workshop, KCCT, Mbagathi, Nairobi, Kenya.

October, 1996: Conference on Resource use conflict, Organized by the Institute of African Social Studies, Leiden and Hague, Netherlands.

January, 1994: Conference on Tropical Catchments, organized by the University of Leicester, Leicester, UK

January, 1990: Environment 2000 Conference organized by UNEP&KENGO, Sarit Centre, Nairobi, Kenya.

6.2. Convening and coordinating conferences

10th – 12th June, 2014: Animal Welfare Education, Organized by Kenyatta University and World Society for the Protection of Animals (WSPA) at BSCC Room 147, Kenyatta University. Member of the Organizing Committee.

May, 2005: Workshop on e-Learning Training on Use of “the Blackboard” , Organized by Kenyatta University & Edu-Tech Middle East, Kenyatta University Institute of Open Learning. Member of the Organizing/Convening Committee.

7.0. RESEARCH AND PUBLICATIONS

7.1. Articles in Refereed Journals:

- Pelster, D.E, Gisore, B., **Koske, J.K.**, Goopy J., Korir, D., Rufino, M.C., Butterbach-Bahl (2015?) Methane and nitrous oxide emissions from cattle excreta on an East African Grassland. Submitted for publication (*Reference code: JEQ-2015-10-0513-TR*).
- Mwaura, J. **Koske, J.K.** and Kiprotich, B. (2015?) Assessing economic viability of pasture enterprise as adaptation strategy in dryland ecosystems: a case of Ijara, Kenya. Accepted for publication with the *Journal of Economics and Sustainable Development* (October, 2015).
- Boru, H.J. and **Koske, J.K.** (2014) Climate Variability and Response Strategies among the Gadamoji Agro-Pastoralists of Marsabit County, Kenya. *International Journal of Humanities and Social Science* Vol. 4, No. 11, PP 69-78.
- Jillo, A.O.B. and **Koske, J.** (2014) Boran Pastoral Innovations in Response to Climate Change: A Case of Merti Division, Isiolo County, Kenya. *Journal of Environment and Earth Science*, Vol.4, No.20 pp. 16-27, (ISSN 2224-3216 (Paper) ISSN 2225-0948 (Online)).
- Lelenguyah, G. L., **Koske, J. K.** and Kamau, S. K. (2014) Temporal relationship between cases of veterinary vector-borne diseases and rainfall amount in a Kenyan Rangeland. *International Journal of Plant and Animal Sciences* Vol. 2 (1), pp. 088-097.
- Koskei, N. C., **Koske, J.K.** and Kerich, R.K. (2014) Assessing Women Domestic Chores and Vulnerability to Climate Variability in Chepseon Sub-location, Nakuru County, Kenya. *International Journal of Humanities and Social Science* Vol. 4 No. 7, PP 107-117.
- Dzoga, M. N. and **Koske, J.** (2014) Assessment of Beach Hotels Adaptation Capacity to Climate Variability: The Case of Mombasa County, Kenya. *International Journal of Humanities and Social Science* Vol. 4 No. 3, PP 288-291.
- Ochieng, M. A. and **Koske, J.** (2013) The Level of Climate Change Awareness and Perception among Primary School Teachers in Kisumu Municipality, Kenya. *International Journal of Humanities and Social Science* Vol. 3 No. 21, PP 174-179.
- Ocholla, G. O., **Koske, J.**, Asoka, G. W., Bunyasi M. M., Pacha, O., Omondi, S. H. and Mireri, C. (2013) Assessment of Traditional Methods Used by the Samburu Pastoral Community in Human Wildlife

Waweru, G., and **Koske, J.** (1991) The understanding of the operations of addition, multiplication, division and subtraction among high and low ability primary school students in Kenya. *Kenya Journal of Education* Vol. 5 No. 1, PP 75-83.

Njiru, N. and **Koske, J.** (in press/2013): Water Insecurity and the Sliding Social Cultural Aspect of the Livelihood among the Maasai Pastoral Communities of Kenya. Paper presented at a Conference: "Climate Change and Security at the Crossroads: Pathways to Conflict or Cooperation?" University of Agder, Norway, June 20-21, 2013.

Jillo, A. O. B.; Kiumbuku, S.K. and **Koske, J.** (2014) Boran Pastoral Innovations in Response to Climate Change: A Case of Merti Division, Isiolo County, Kenya. Paper Presented at an International Conference "Knowledge Management for Transformation: Pitfalls, Synergy and Innovation". Maasai Mara University, Kenya, November 11-14, 2014

Koske, J.K. (1998) *Land degradation in West Pokot: Perception and Practical alternatives*. Unpublished PhD Thesis, University of London.

Koske, J.K. (2003) *Audit and Review of Draft Bill of the Constitution of Kenya for inclusion of Kenya Cultures and Environment*: Paper presented to the Ad-Hoc Committee at the National Constitution Conference, Bomas of Kenya, 28th April-6th June, 2003.

Koske, J.K (1996) *Land Degradation in west Pokot, Kenya*. Paper presented at the Resource use Conflicts organized by the Institute of African Social Studies, Leiden & Hague, Netherlands, October, 1996.

8.0. NETWORKING AND COLLABORATION WITH EXTERNAL ORGANIZATIONS

Member Environmental Society of Kenya

Member, Nature Kenya

9.0. LOCAL AND REGIONAL APPOINTMENTS

9.1. Appointment to Boards

Member of Board of Management (BOM), Sosiot Girls Secondary School.

Chairman of Board of Management (BOM), Sosiot Girls Secondary School.

Member, Radiation Protection Board (RPB).

Chairman, of Radiation Waste Management and Nuclear Security Committee (RWM&NSC), of Radiation and Protection Board of Kenya.

Member (National) Nuclear Security Coordination Committee (NSCC) of Radiation Protection Board of Kenya.

Member NSCC Technical Working Committee (NSCC-TWC) of the RPB, Kenya.

10.0. COMMUNITY OUTREACH

Member and Elder, Africa Gospel Church, Kiptaldal Church and Immanuel Church, Kericho Town

Member, Set Kobor Men Group, Kericho County.

11.0. EXTERNAL AND INTERNAL GRANTS

11.1. Successful proposal written jointly with Department Staff for Research/Training Grant from World Society for the Protection of Animals in October, 2013 with a realization of Ksh 1,479,000.00. (letter attached/banking Receipt coy).

12.0. ACADEMIC LEADERSHIP

12.1. Development of teaching/academic programs in Department/school/university

Chairman, Strategic Plan Committee, Department of Environmental Education.

Academic Advisor, Undergraduate Students (Level 300)

Member of Curriculum Development Committee, Department of Environmental Education

Coordinator of Environmental Resource and Conservation program 2006-2008.

Participated in creation and Development of Programs Departments, and the school of Environmental Studies from 1992-1993.

12.2. Development of Programs External to Kenyatta University

11th – 12th November, 2014: Climate Change Curriculum Review Meeting at Kenyatta University Conference Centre (KUCC), for The Walker Institute of the University of Reading, UK implementing a project entitled ‘*Supporting the Rockefeller Foundation Climate Change Units in East and Central Africa: Phase II*’ funded by the Rockefeller Foundation under their Climate Smart Rural Development (CSRSD) for Africa Initiative.

Participated in AVU Curriculum Contextualization Workshop (CCC-2), organized by the African virtual university, Safari Park Hotel, Nairobi. 4th -8th April, 2005:

13.0. OTHERS:

13.1. Appointments:

13.1.1. *National*

Member, Radiation Protection Board (RPB).

13.2. *Membership to Professional Bodies*

Member Environmental Society of Kenya

14.0. REFEREES:

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