

Academic Staff Profile

Personal Profile

Personal Details

Name: Dr Joseph Kathiai Kurauka Title/Qualification: PhD Department: Environmental Studies & Community Development Designation/Position: Lecturer Email: kurauka.joseph@ku.ac.ke Contact Address: P.O. Box 43844-00100, Nairobi Area of Specialization: - Natural Resources Management Research Interests: - Natural Resources Management - Renewable Energy Resources - Climate Smart Agriculture - Climate Change & Justice - Ecosystem management Google Scholar: https://scholar.google.com/citations?hl=en&authuser=1&user=iOCf5k8AAAAJ ORCID ID: https://orcid.org/0000-0002-0361-7976	
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Academic & Professional Qualifications

Institution	Date	Degree(s) or Diploma(s) obtained
Kenyatta University	2015	PhD in Environmental Studies
Kenyatta University	2005	Master of Environmental Science (M.Env.Sciences).
Kenyatta University	1999	Bachelor of Environmental Studies and Community Development (Second Class Honours Upper Division).

Employment History

University Appointments:

February, 2016-to-date: Lecturer, Kenyatta University, School of Agriculture & Environmental Sciences, Department of Environmental Studies and Community Development.

September, 2009 to February, 2016: Tutorial Fellow, Kenyatta University, Department of Environment and Community Development.

Achievements

Co-Lead:

Publications

Referred Journals

Nzei, J.M.; Ngarega, B.K.; Mwanzia, V.M.; **Kurauka, J.K.**; Wang, Q.-F.; Chen, J.-M.; Li, Z.-Z.; Pan, C. Assessment of Climate Change and Land Use Effects on Water Lily (*Nymphaea* L.) Habitat Suitability in South America. **Diversity** **2022**, **14**, 830. <https://doi.org/10.3390/d14100830>.

Mwarania, F., Yongmei, L., Mumbi, A. **Kurauka, J.** A Review of Current Situation and Problems Water Resources in Shanghai, China. International Journal of Scientific Engineering Research. Vol. 8. Issue 12, Dec 2017.

Conference/Workshops/Seminar Papers

1. Thuita, T. and **Kurauka, J.K.** Nairobi Summer School on Climate Justice, 28.06.2022, Kenyatta University. Organized by the Pan African Climate Justice Alliance. **Topic presented** – Foundations of Human Induced Climate Change.
2. Thuita, T. and Kurauka, J.K. Development of a Training module on Foundations of Human Induced Climate Change. Nairobi Summer School on Climate Justice, 28.06.2022, Kenyatta University. Organized by the Pan African Climate Justice Alliance.
3. **Kurauka, J.K.** Resource Person/Facilitator: National Civil Society Workshop on the Implementation of the Climate Change Act, 2016 and UNFCCC-COP 22 Strategy. **Overview of the National Climate Change Act, 2016**. Panafric Hotel, Nairobi-Kenya, 21st July, 2016.
4. **Kurauka, J.K.** Factors that mitigate gender disparity in education among refugees in dadaab refugee camp, Kenya. A Paper Presented in Restructuring Refuge and Settlement: Responding to the Global Dynamics of Displacement Conference Organized by the Canadian Association for Refugee and Forced Migration Studies (CARFMS), York University, Toronto, Ontario, Canada May 16-18, 2012.
5. **Kurauka, J.K.** Resource Person - Climate change to support the inclusion of adaptation strategies within Narok County Government policies. Indigenous Information Network (IIN), Narok Town, 29th September, 2014.
6. **Kurauka, J.K.** Presented a paper on Oil and Gas Discoveries in Kenya and the Region: Opportunities and Challenges. ISS and Hanns Seidel Foundation Seminar, Nairobi, 6th November, 2012.
7. **Kurauka, J.K.** Resource Person/Facilitator: Climate Change, Sectoral Vulnerabilities and Impacts on People and Livelihoods in the Meru County. Multi-stakeholder Inception Workshop for The Meru County Climate Change Resilience Project Victoria Hotel, Laare, Meru County Date: Monday **17th August, 2015**.

8. **Kurauka, J.K.** Resource Person/Facilitator: Climate Change, Sectoral Vulnerabilities and Impacts on People and Livelihoods in the Meru County. Multi-stakeholder Inception Workshop for The Meru County Climate Change Resilience Project Alba Hotel, Meru County Date: Monday 12th October, 2015.
9. **Kurauka, J.K.** Resource Person/Facilitator: Community Sensitization Forums on Climate Change and Disaster Risk Reduction, Maralal Samburu County. Date: 2nd April, 2012.

Student Co-authored Publications

Omwami, Dancun, **Kurauka, J.K.** and Ochola, S. O., (2022). Examining the Effectiveness of the Wash Programme on Public Health in Public Schools in Kisumu East Sub-county, Kenya. *Asian Journal of Geographical Research*, 5(1): 47-56, 2022; Article no.AJGR.8587. ISSN: 2582-2985.

Zipporah Lonzi, Felix Lamech Mogambi Ming'ate, **Joseph K. Kurauka.** (2022). Effectiveness of Government Policies in Governing Arabuko-Sokoke Forest Reserve in Kenya. **SSRG International Journal of Agriculture & Environmental Science**, 9(2), 29-33. <https://doi.org/10.14445/23942568/IJAES-V9I2P104>.

Odeny, J. A., Maingi, S.W. and **Kurauka, J.** (2020). "The role of procurement procedures in environmental management: A case study of classified hotels in Mombasa County, Kenya" *Journal of Hotel and Tourism Management*, 2020, Vol. 8, No. 1: 11-23. UDC: 338.48-6:502/504(676.2) DOI: 10.5937/menhottur2001011A.

Other Publications

Preparation of the following farmers' agroforestry extension manuals:

1. Mugo, F. W. and Kurauka, J. K. (2004). Acacia species in Kenya. A reference manual for extension. Acacia species discussed in this manual includes: *A. abyssinica*, *A. lahai*, *A. mearnsii*, *A. nilotica*, *A. polycantha*, *A. senegal*, *A. seyal*, *A. tortilis* and *A. xanthophloea*.
2. Mugo, F. W. and Kurauka, J. K. (2004). Selected highland species in Kenya. A reference manual for extension. Selected species discussed in this manual includes: *Bridelia micrantha*, *Cordia africana*, *Croton macrostarchyus*, *Croton megalocarpus*, *Maesopsis eminii*, *Markhamia lutea*, *Olea capensis* subsp. *welwitschii*, *Prunus africana*, *Psidium guajava*, *Vitex keniensis* and *Ocotea usambarensis*.
3. Dr. Masake R., Boit A., Dr. Mugo, F. W., Muyenge S. and Kurauka, J. K. (2007). Subsistence Wood and Tree Requirements for Household Use and Ecological Sustainability in Kamelili Sub-location of Tinderet Division, Nandi South. CARPA Working Paper Series, No. 1, 2007.
4. Kurauka, J.K. (2004). *An Investigation of Wood Products Consumption in Kisumu: Implications for Sustained Tree planting*. Unpublished M. Env. Sci. Thesis, Kenyatta University.

Conferenced/Workshops/Seminars Attended

Conferences Attended

1. African multi-stakeholder dialogue on COP 28 in Addis Ababa, Ethiopia held from 12th - 19th February, 2023. Presented a paper on Just Energy Transition/ Transformation for Africa
2. *Parliamentary Dialogue which will take place at the sideline of the Africa Climate Summit. The dialogue will take place on 31st August and 1st September 2023.*
3. Climate for Development in Africa (ClimDev-Africa) programme, we are pleased to invite you to the 7th Climate Change and Development in Africa Conference (CCDA-VII) scheduled to take place from the 10th - 12th October 2018 in Nairobi, Kenya.

Workshops Attended

1. What is the Future of Dams and Major WEF (Water/Energy/Food/Environment) Nexus Programmes? Held on Apr 5, 2022 03:00 PM London.
2. Theme: 'Challenges and Opportunities for Co-existence: Energy Development and Sustainable Ocean Governance. Topic: 'Sustainable Ocean Governance and the Energy Sector: Legal and Policy Developments. Held on Tuesday, October 10, 2023.
3. Presented a Paper of Biofuels in Kenya during a Multifaceted Conversations on Development and Policy Issues held from 4th-7th April 2018 at MS Training Centre for Development Cooperation (MS-TCDC).
4. Presented on Overview of the Kenya National Climate Change Act, 2016. National Civil Society Workshop on the Implementation of the Climate Change Act, 2016 and UNFCCC-COP 22 Strategy; Held on 21st July, 2016.

Seminars Attended

1. Lessons in Co-Production of Climate Services from African Case Studies, Organised by Weather and Climate Information Services for Africa (WISER), October 2019.

Supervision of Postgraduate Students

POST-GRADUATE SUPERVISION (PHD AND MASTERS) STUDENTS:

<i>S/No.</i>	<i>Name of Student</i>	<i>Title</i>	<i>Status</i>
Graduated Supervision of Doctorate Candidates (PhD)			
1.	David Wando	Environmental Security and Governance in Resilience Building in Eastern Mau Forest Communities, Nakuru County, Kenya.	Graduated

2.	On-Going Supervision of Doctorate Candidates (PhD)		
3.	James Makini Ayusa	Establishment of Forest Resource User and Management Boundaries for Enhanced Community Livelihoods and Forest Management in Kakamega and Upper Imenti Forests, Kenya.	On-going
4.	Kalinde Riziki Kabwe	Assessing the Integrating Ecosystem Management in Landscape Development Framework Under Climate Change to Enhance Mitigation and Community's Adaptation in The Kahuzi-Biega Landscape, DR Congo	On-going
Graduated Masters Students			
5.	Lisper Gakii Nkonge	Adaptive Capacity of Pastoralists to Climate Variability in Ngare Mara, Isiolo County, Kenya	Graduated
6.	Omwami, Dancun	Water Sanitation and Hygiene Program and its Impact on Public Health in Schools in Kisumu County, Kenya	Graduated
7.	Caroline Gathoni	Adoption of <i>Melia volkensii</i> in Lower Eastern Kenya.	Graduated
8.	Nalyanya Charity Khainja	Analysis of Charcoal Value Chain for Environmental Conservation in Marigat Division, Baringo County, Kenya. Kenyatta University.	Graduated
9.	Isaac O. Okoth	The Impacts of Water Scarcity on Formal Learning in Homa Bay County, Kenya.	Graduated
10.	Jennifer Njeri Ndirangu	Fire Disaster Preparedness and Response in Primary Schools in Westlands Sub-County, Nairobi County.	Graduated
11.	Odeny Jane Akinyi	The Role of Supply Chain Management Practices on Environmental Protection in Hospitality Sector in Mombasa County, Kenya.	Graduated
12.	Paul Kinyua Sebastian	Promoting Sustainable Livelihoods of Small-Scale farmers in Chuka Region of Tharaka Nithi County in Kenya through Tree Based Food - Energy System.	Graduated

On-Going Supervision of Masters Candidate			
13.	Kimani Ann Muthoni	Impact of Diversified Livelihood on Sustainability of Kinangop Plateau in Nyandarua County.	On-going
14.	Priscillah Makaa Musyimi	Assessing Best Practices in Dam Management for Enhanced Rural Livelihoods in Kitui West Sub-County, Kenya.	On-going
15.	Kinyua Maureen Muthoni	Effects of Hazardous Products From a Stone Crushing Site on Environmental Health in Mbeere-North District, Embu County, Kenya. Kenyatta University.	On-going
16.	Christer Oboch	Impacts of Plantation Establishment and Livelihood Improvement Scheme on Forest Cover in Geta Block in Aberdare's Forest.	On-going
17.	Simon Lenkoko Kisotu	Determinants of community participation in the implementation of development projects: A case of Ol karia Geothermal Energy project in Nakuru County.	On-going
18.	Brilian N. Ombong'i	Effectiveness of Using Indigenous Knowledge in Human-Wildlife Conflict Management in Taita Taveta, Kenya.	On-going

Editor/ Peer review in journals

Reviewer:

1. The Journal of Water Resource and Protection (JWARP);
2. Conservation & Society

Networks/ Collaborations;

Memorandum of Understanding (MOU) signed on **9th December, 2021** between Pan African Climate Justice Alliance (PACJA) and Kenyatta University through the Department of Environmental Studies & Community Development, School of Agriculture & Environmental Sciences.

Output of collaboration:

1. Cohort I of the Nairobi Summer School on Climate Justice (NSSCJ) at Kenyatta University held from **29th August to 11th September, 2021**. The programme targeted **250** youths from 47 countries in African and Global South.
2. Cohort II of the Nairobi Summer School on Climate Justice (NSSCJ) at Kenyatta University held from June 27th – 9th July 2022. The programme targeted **285** youths from 49 countries in African and Global South.
3. Cohort III of the Nairobi Summer School on Climate Justice (NSSCJ) at Kenyatta University held from 3rd – 15th July 2023. The programme targeted **300** youths from **77** countries in African and Global South & North.

Community Service and Other Engagements

1. Chairman, Board of Management (BOM) of M.C.K Ntiba Day Secondary School from 4th July 2017 to July 2022.
2. Member of the National Panel of Experts (NOPE), Kenya Climate Smart Agriculture Project (KCSAP).

3. Professional/ Consultancy

Employment record relevant to the assignment:

Period	Employing organization and your title/position. Contact info for references	Country	Summary of activities performed relevant to the assignment
March 2022	The Kenya Climate Smart Agriculture Project (KCSAP) is implemented by the Government of Kenya (GoK) through the Ministry of Agriculture, Livestock, Fisheries and Co-operatives (MoALF&C), State Department of Agriculture, with funding from the World Bank.	Kenya	KCSAP Capacity Building for CPOEs & CTDs as TOTs on Upscaling ESMMP Implementation. Training/Facilitating on: • Implementation of ESMMP; • Mainstreaming ESMP within the Project routine M&E programs; • Strengthening ESMMP implementation (POs & Sub Projects); • Potential Social impacts/Issues and mitigation; • & Dissemination of reference materials; • Addressing Social issues related Gaps in development and implementation of Environmental and Social Safeguards Instruments; and • Occupational Safety and Health management in Kenya.
Teaching at the University Level			
August 2018	Kenyatta University	Kenya	Short Course Training in Environmental Impact Assessment and Environmental Audit
September 2018 – December 2021	Kenyatta University	Kenya	Short Course Training in Environmental Impact Assessment and Environmental Audit

Period	Employing organization and your title/position. Contact info for references	Country	Summary of activities performed relevant to the assignment
<i>April 2015 to November 2016</i>	Jomo Kenyatta University of Agriculture & Technology (JKUAT)	Kenya	<i>The following are the course units successfully taught and examined during:</i> i. EGE 3117: Environmental Impact Assessment and Environmental Audit ii. EGS 2402: Environmental Impact Assessment and Environmental Audit iii. EGE 2525: Environmental Impact Assessment and Environmental Audit
February 2022	„	Kenya	Development of Sustainable Land Management (SLM) Training Manuals/Modules (the land degradation and mitigation measures-Soil nutrient management).
August 2021	„	Kenya	Development of Climate Change Adaptation and Disaster Response (CCADR) Training Module for Community Driven Development Committees (CDDCs).
July 2021	„	Kenya	Training Community Driven Development Committees (CDDCs) in Iten, El gevo Marakwet County.
May 2021	„	Kenya	Training Community Driven Development Committees (CDDCs) in Voi, Taita Taveta County.

Period	Employing organization and your title/position. Contact info for references	Country	Summary of activities performed relevant to the assignment
December 2021-to-December 2023	GEODEV (K) LTD Disaster Risk Management Expert.	Kenya	Development of Guidance Note for the Urban Resilience Strategies For Five Selected Cities In Kenya Namely; Nairobi, Mombasa, Kisumu, Nakuru and Eldoret. Disaster Risk Management Expert to review and analyse: - Disasters/ Hazards (Natural and Man-made). - Disaster Management strategies put in place. <i>Key areas:</i> - Frequency of occurrence. - Trends of occurrence. - Level of exposure and sensitivity. - Awareness levels in the city to disaster. - Ability/capacity of existing infrastructure and human resource to respond, mitigate adapt and bounce back in case of a shock. - Disaster management policies. - Existing technology. - Challenges. Development of Data Analysis tools for Disaster Risk Management: e.g.: - Meta-analysis - Capacity analysis - Weights of evidence - Statistical analysis - Scenario building - Logistical regression

Period	Employing organization and your title/position. Contact info for references	Country	Summary of activities performed relevant to the assignment
Dec 2020-to-date	The Consultant: ECU Inc. and Groupe Africain d'Ingénierie Conseils (GAIC) SA whose registered office is at 6780 Place D'Antioche Suite No 1 Montreal H1M K9 (Quebec) Canada. <i>Client:</i> Intergovernmental Authority for Development (IGAD) Position: Lead Expert, Environmental Thematic Area	Kenya	Environmental and Social Safeguard Framework (ESMF) for the IGAD Drought Disaster Resilience and Sustainability Initiative (IDDRSI) – a consultancy to formulate and evaluate (technical, environmental and social) the program to build resilience for food and nutrition security in the Horn Of Africa (HOA)
Dec 2019-to-Feb 2021:	The World Bank/ Ministry of Transport, Infrastructure, Housing, Urban Development, and Public Works (MoTIHUD&PW) through the Nairobi Metropolitan Service Improvement Project (NaMSIP). Position: Lead Expert Plan. Ann Mugo, Project Coordinator, NaMSIP amutmugo@gmail.com Phone: +254 720561665	Kenya	<i>Strategic Environmental and Social Assessment (SESA)</i> during the Preparation of Integrated Strategic Urban Development Plans for Twelve (12) Towns in 4 Clusters within the Nairobi Metropolitan Region (Kiambu, Machakos and Kajiado Counties).
Dec 2020-to-Feb 2021:	Aperture Green Power Limited Position: Lead Expert, Environmental Thematic Area	Kenya	Environmental and Social Impacts Assessment (ESIA) for the Proposed Wind Power Project by the Aperture Green Power Limited within Ndeiya, Limuru Sub-County, Kiambu County.

Period	Employing organization and your title/position. Contact info for references	Country	Summary of activities performed relevant to the assignment
August-October 2020:	European Union (EU) through KUZA Power Company Position: Lead Expert, Environmental Thematic Area	Kenya	<i>Environmental Risk/Impact Assessment for the small hydro-power project along Nzoia River, Webuye, Bungoma County in Western Kenya</i> The negative and positive environmental and social effects of the plants were established, and measures taken.
July, 2019:	World Bank/Ministry of Agriculture, Livestock, Fisheries and Cooperatives. Position: Lead Expert, Environmental Thematic Area	Kenya	<i>The Kenya Agriculture Climate Smart Project (KCSAP), Social Assessment</i> in seven (7) counties namely: West Pokot, Uasin Gishu, Elgeyo Marakwet, Baringo, Kericho, Siaya and Busia.
Nov 2018-June, 2019	World Bank/Ministry of Agriculture and Irrigation/State Department for Fisheries and Blue Economy through Multifaceted Research and Development Centre (MRDC). Position: Lead Expert	Kenya	• Preparation of Environmental and Social Safeguards Instruments for Kenya Marine Fisheries and Socio-Economic Development Project (KEMFSED). • Lead Expert in developing Environmental and Social Management Framework (ESMF) along the coastal line in Kenya.
April-Oct 2017	World Bank/ Rural Electrification Authority (REA) Lead Expert, Environmental Thematic Area	Kenya	• <i>Environmental & Social Impact Assessment</i> for the Three (3) Mini-grid power plants located in Wasini and Mkwiro Island in Kwale County and Kadaina Island in Kilifi County.
April 2017	Techno serve Kenya (TNS) through PKF Consulting. Position: Lead Expert, Environmental Thematic Area	Kenya	• development of environmental training manual and offering training services targeting stakeholders selected from small scale food processors within Nairobi metropolitan area, South Nyanza and Kisumu environs.

Period	Employing organization and your title/position. Contact info for references	Country	Summary of activities performed relevant to the assignment
Aug-Oct 2016	Kenya Institute of Curriculum Development (KICD) Position: Lead Expert, Environmental Thematic Area	Kenya	<i>Initial Environmental Audit of the Institute's facilities.</i> hereby the Environmental social negative and positive impacts of the facilities were predicted so that the desired measures can be taken to take care of the environment.
March, 2016	Kens Metal Industries Limited Position: Lead Expert, Environmental Thematic Area	Kenya	<i>Environmental Impact Assessment (EIA)</i> Report of the proposed addition (one mezzanine floor) and alteration to existing industry on Plot L.R No. 209/10582, off Enterprise Road, Isiolo road, Industrial Area in Nairobi County.
July-Aug, 2015	United Nations Industrial Development Organization (UNIDO) Position: Lead Expert, Environmental Thematic Area	Kenya	<i>Environmental & Social Impact Assessment</i> for the proposed micro hydro-power plant in Mwea West Sub-County, Kirinyaga County. Project is under global program on “Low Carbon Emission Clean Energy Technology Transfer Program” jointly with the Government of Japan.
Oct 2014-to-date	The World Bank/ Ministry of Transport, Infrastructure, Housing, Urban Development, and Public Works (MoTIHUD&PW) through the Nairobi Metropolitan Service Improvement Project (NaMSIP) and the Consortium of VisionRI Connexion Services Private Limited (India). Position: Lead Expert, Environmental Thematic Area	Kenya	Preparation of Environmental Assessments for the Integrated Strategic Urban Development Plans (ISUDP) for the ten (10) towns and two (2) transport corridors with the Nairobi Metropolitan Area. The assessments involved integrating the environmental aspects to avoid environmental degradation and enhancing its protection and conservation within the Nairobi Metropolitan Region (Kiambu, Machakos and Kajiado Counties). Ensuring that Environmental mainstreaming is affected in the strategy to ensure, that sustainable environmental practices and measures are carried out.

Period	Employing organization and your title/position. Contact info for references	Country	Summary of activities performed relevant to the assignment
April, 2015	Ministry of Energy & Petroleum through Que Energy Ltd Position: Lead Expert, Environmental Thematic Area	Kenya	<i>Environmental & Social Impact Assessment for the Three (3) Small Hydro-power plants feasibility studies along river Thika (Yatta Sub-County), River Athi (Kayatta, Sub-County) and River Athi (Ikalaasa, Mwala Sub-County) in Machakos County.</i> • The negative and positive environmental and social effects of the plants were established, and measures taken.
Aug, 2014	Indigenous Information Network (IIN) Lead Environmental Consultant	Kenya	<i>Consultancy Assignment on Climate Change to support the inclusion of adaptation strategies within Narok County Government policies.</i> • Offered consultancy services for the assignment to make sure that the Environmental measures are incorporated to adapt or mitigate climate change.
Augus, 2014	Kenya Tea Development Agency Ltd (KTDA) Position: Lead Expert, Environmental Thematic Area	Kenya	<i>Environmental Impact Assessment for the proposed construction of Kiptiget Small Hydro-power station along Kiptiget River, Kapset Location, Konoini Sub-County, Bomet County.</i> • The negative and positive environmental and social effects of the plants were established, and measures taken.
August, 2014	Western Power Company Limited through Que Energy Ltd Position: Lead Expert, Environmental Thematic Area	Kenya	<i>Environmental Risk/Impact Assessment for the small hydro-power project along Nzoia River, Webuye, Bungoma County in Western Kenya</i> • The negative and positive environmental and social effects of the plants were established, and measures taken.
August, 2014	Co-operative University College of Kenya (CUCK). Position: Lead Expert, Environmental Thematic Area	Kenya	<i>Initial Environmental Audit (IEA) for the University</i> • The negative and positive possible environmental and social effects of the construction were determined, and measures taken.

Period	Employing organization and your title/position. Contact info for references	Country	Summary of activities performed relevant to the assignment
Oct-Dec 2013	Ministry of Energy & Petroleum through Que Energy Ltd Position: Lead Expert, Environmental Thematic Area	Kenya	<i>Environmental Risk/Impact Assessment for the Three (3) Small Hydro-power plants feasibility studies along river Nzoia, Yala and Kipkaren in Western Kenya</i> The negative and positive environmental and social effects of the plants were established, and measures taken.
24th to 26th July, 2013	Kenya National Bureau of Statistics (KNBS) Environmental Health and Safety Expert	Kenya	<i>Training on Disaster Preparedness and Management at the Work Place.</i> - Creating environmental Awareness and Safety Sensitization at the Work Place. - Giving environmental health and safety measures during and before a disaster strikes.
May 2015	Kitui County Environmental Survey Consultant	Kenya	<i>Presented survey findings on charcoal production in Tharaka and Mutomo Sub-Counties;</i> Consultancy services on the effects of charcoal burning to the environment. Providing alternative environmentally friendly measures to be carried out and avoid environmental degradation.
March, 2007-Nov 2014	Several Counties: Nairobi, Mombasa, Malindi, Kiambu, Kajiado, Narok, Nakuru, Kerich, Kisii, Kirinyaga, Nyeri, Thika, Kisumu, Kakamega, Vihiga, Kitui, Isiolo, Embu and Meru. Position: Lead Expert	Kenya	<i>Environmental Impact Assessment for several apartments/flats, office blocks, tea factories, markets, industries among others</i> - The negative and positive environmental and social effects of the construction were determined, and measures taken. - Giving environmental health and safety measures during and before a disaster strikes. - Creating environmental Awareness and Safety Sensitization at the specific Work Place.

Period	Employing organization and your title/position. Contact info for references	Country	Summary of activities performed relevant to the assignment
March, 2013 Nov 2012 Aug, 2012	Kenya Tea Development Agency Ltd Position: Lead Expert Contact Person: Eng. Gathongo Email Address: EGathongo@ktdateas.com OR info@ktdateas.com Tel. No: 0720326163	Kenya	• Environmental Impact Assessment for the proposed construction of proposed Boito Tea Factory in Bomet County. • Environmental Impact Assessment for the proposed construction of proposed Go-downs in industrial, Nairobi County. • Environmental Impact Assessment for the proposed construction of proposed Marani Tea Factory in Kisii County • Environmental Impact Assessment for the proposed construction of Tindinyo Small Hydro-power station along Yala River, Nandi County. • Environmental Impact Assessment for the proposed construction of proposed Warehouses in Miritini, Mombasa County. • The negative and positive environmental effects of the construction were determined, and measures taken.
April, 2012	State University of New York (SUNY) Climate Change and Disaster Risk Reduction Consultant/Facilitator	Kenya	<i>Community Sensitisation Forums on Climate Change and Disaster Risk Reduction in Maralal, Samburu County.</i> • The negative and positive environmental and social effects of climate change. • Giving environmental safety measures of climate adaptation and mitigation measures. • Creating environmental Awareness and Safety Sensitization measure to reduce risks of climate change.

Period	Employing organization and your title/position. Contact info for references	Country	Summary of activities performed relevant to the assignment
Jan 2011- June, 2011	Kenya Forestry Service (KFS) Position: Lead Expert	Kenya	<i>Data Collection, Collating, Analysis and Interpretation Baseline.</i> - Offering consultancy services on the Survey for Support to Community Based Farm Forestry Enterprises Project in Semi-Arid Areas of Kenya. - The negative and positive environmental effects of the deforestation were determined, and measures taken.
Sep, 2010 to Apr 2011	Ministry of Energy & Petroleum and Ministry of Regional Authorities through Que Energy Ltd	Kenya	<i>Environmental Impact Assessment:</i> - Consultancy Services for Pre-feasibility Study for Integrated Projects (Chalbi Desert and the Surrounding districts). Some of the major projects proposed are Irrigation schemes, wind power, cement and glass manufacturing plants. - The negative and positive environmental effects of the construction were determined, and measures taken.
Oct, 2010	Kenya Tea Development Agency Ltd Position: Lead Expert	Kenya	<i>Environmental Impact Assessment for the proposed constructions of Three (3) Small Hydro-power stations along Mara, Kipsonoi and Ogembo rivers.</i> The negative and positive environmental and social effects of the plants were established, and measures taken.
Oct 2010	Ministry of Energy & Petroleum through Que Energy Ltd Position: Lead Expert,	Kenya	<i>Environmental Risk/Impact Assessment for the Two (2) Small Hydro-power stations feasibility studies along river Kathita in Imenti Central and Ura River in Igembe South to serve Githongo and Kiegoi/Igembe tea factories respectively.</i> The negative and positive environmental and social effects of the plants were established, and measures taken.

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Aug, 2010	Safaricom Ltd Position: Lead Expert and Team Leader	Kenya	<i>Environmental Audit six (6) Retail facilities in the Coast region, Kenya.</i> Review the negative and positive environmental effects of the construction were determined, and measures taken.
Aug 2009- Aug 2010	Safaricom Ltd Position: Lead Expert and Team Leader	Kenya	<i>Environmental Audit: Base Transceiver Stations (“BTS”) sites in Nairobi, Coast, Eastern, Western and Rift Valley regions.</i> • Reporting on the following areas main parameters EMR and Radio Frequencies, Noise and vibrations, Soil contamination, Water contamination and Air quality. • Providing the effects of noise pollution to the environment and providing possible measures and alternative activities that can be carried out to avoid affecting the environment at large.
Jun- Sep 2010	WWF-EARPO Environmental Consultant	Kenya	<i>Final Environmental Evaluation of WWF (EARPO) MFS projects in the Lake Naivasha Basin/Landscape.</i> • Providing the effects of water pollution to the environment and providing possible measures and alternative activities that can be carried out to avoid affecting the environment at large. • Offering consultancy services on the general measures to take to protect the environment and the lake.
April, 2010	Goal Ireland Kenya Position: Lead Expert and Team Leader	Kenya	<i>Environmental Impact Assessment for of the proposed for the proposed 6 (Six) Community Bio-Centres in Korogocho and Mukuru Slums, Nairobi.</i> • The negative and positive environmental effects of the construction were determined, and measures taken.

Period	Employing organization and your title/position. Contact info for references	Country	Summary of activities performed relevant to the assignment
May-Oct, 2009	Ministry of Energy & Petroleum and KTDA through Que Consultants Ltd Position: Lead Expert and Team Leader	Kenya	<i>Environmental Impact Assessment for the proposed constructions of Twelve (12) Small Hydro-power stations feasibility studies.</i> • The negative and positive environmental and social effects of the plants were established, and measures taken.
May, 2010	Barpello Mission East Pokot Position: Lead Expert and Team Leader	Kenya	<i>Environmental Impact Assessment for the Barpello community water dam.</i> • The negative and positive environmental and social effects of the dam were established, and measures taken.
May – Sep 2009	WWF-Naivasha NRM specialist	Kenya	<i>The Feasibility Study on the Status of Tourism in the Naivasha Lake Basin.</i> • offered consultancy services on national resource management in regard to the best practices and the negative environmental effects of poor water management practices in the lake basin.

Period	Employing organization and your title/position. Contact info for references	Country	Summary of activities performed relevant to the assignment
2005	GoK/ The World Bank, Annual Environmental Audit Arid Lands Resource Management Project Phase (ALRMP) I & II. <i>Environmental Specialist</i>	Kenya	<i>Environmental Audit Arid Lands Resource Management Project Phase (ALRMP) I & II Covering 12 arid & semi-arid districts as follows: Kajiado, Makueni, Kitui, Mbeere, Garissa, Tana River, Wajir, Mandera, Narok, Laikipia, Samburu and Baringo districts.</i> • Reviewing the paper trail of screening checklists and EIA reports, and review of reports on wider issues of natural resources and environmental management; • Select a number of community micro-projects and sub-projects for field visits to investigate compliance with proposed mitigation measures and identification of potential impacts that are not being adequately identified or dealt with by community micro-project. The study covered all the projects carried out such as water dams, water pans, shallow wells, boreholes, streams, restocking project and educational facilities projects.
Sep 2008	WWF MFS Naivasha <i>Environmental Expert</i>	Kenya	Mid-term Review of Livelihood Improvement, Economic Growth and Environmental Sustainability Project. • Providing measures that can be undertaken to be able to enhance a sustainable environment while at the same time improving the economic growth and livelihoods.

Period	Employing organization and your title/position. Contact info for references	Country	Summary of activities performed relevant to the assignment
2007	GoK/ The World Bank Project <i>Environmental Specialist</i>	Kenya	<i>Evaluation of Arid Lands Resource Management Project (ALRMP) Phase I & II projects consultancy covering the following districts: Narok, Baringo, West Pokot, Mbeere, Kitui, Tana River, Mandera and Marsabit.</i> • The environmental evaluation is covering all the projects carried out mainly water dams, water pans, shallow wells, boreholes, streams, restocking project, irrigation, health and educational projects. Possible environmental impacts of these projects and mitigation measures being put in place will also be analysed and recommendations made.
Feb- Sep 2007	GoK/UNDP Project: Environmental Specialist	Kenya	<i>External Evaluation of Poverty Eradication Commission covering the following 28 sample districts:</i> Nairobi, Kiambu, Murang'a, Nyeri, Meru Central, Embu, Marsabit, Tana River, Garissa, Mandera, Wajir, Taita Taveta, Kilifi, Kwale, Mombasa, Baringo, West Pokot, Koibatek, Kajiado, Nakuru, Kisumu, Bondo, Migori, Nyamira, Kakamega and Vihiga. • The objective of this consultancy is to evaluate impact of projects on the environment funded by the commission to the following: Revolving loan fund, Social projects such as education facilities, water, health and sanitation projects mainstreaming environment In all the sectors.

Period	Employing organization and your title/position. Contact info for references	Country	Summary of activities performed relevant to the assignment
Apr 2005- Mar 2006	TARDA <i>Environmental Specialist</i>	Kenya	<i>Design and Development of the Tourism Master Plan for the Tana Basin Ecosystem for the New Tourist Circuit stretching from Mt. Kenya Ecosystem to the Coastal Region.</i> • Evaluation of impacts on the environment that could lead to the degradation of the ecosystem hence reducing the flow of tourists in the country and suggesting for solutions to those possible impacts.
Feb 2003- Jun 2004	USA Embassy (Nairobi) Small Enterprises Funding through Thuiya Enterprises Limited <i>Environmental Specialist</i>	Kenya	<i>Establishment of sustainable community commercial tree nurseries for the Rachar and Nyabera Youth group (Rarieda Constituency) and Kamelili Community Development Organization in Tinderet, Nandi County.</i> • Offering Environmental consultancy services on possible solutions to conserve the environment which included planting of trees and it had to begin with the establishment of tree nurseries for the county to practice afforestation.
1999	Catholic Diocese of Meru, Tigania Integrated Development Projects (TIDP) <i>Environmental Project Manager</i>	Kenya	<i>Establishment of sustainable community commercial nurseries for Women groups in Nyambene District in Kenya.</i> The environmental friendly and drought resistant seedlings raised includes: Cash crop such as: Macadamia, tea, coffee, pawpaw (<i>Carica papaya</i>), citrus fruits, Orange (<i>Citrus sinensis</i>) Mango (<i>Mangifera indica</i>), Guava (<i>Psidium guava</i>) among others. Indigenous tree seedlings to be raised include the following species: <i>Cordia africana</i>, <i>Croton megalorcapus</i>, <i>Croton macrostachyus</i>, <i>Prunus africana</i> and <i>Vitex keniensis</i>. Incomes of the community members was improved through the sale of seedlings and advice on the best environmental farming practices was given.

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1999	United Nations Children's Fund (UNICEF) through ANPPCAN Environmental Research Assistant	Kenya	Involved in Community Based Organized Groups Mobilization within Korogocho and Kibera slums. Offered research skills, in the possible ways to maintain, conserve and protect the environment by carrying out the possible healthy measures to keep up a clean and healthy environment.

Affiliation of Professional Bodies

Membership in professional associations and publications:

- Registered as an EIA/Audit **Lead Expert** with NEMA under the Environmental Management and Coordination Act (EMCA) 1999 and Environmental Impact Assessment and Audit Regulations 2003.
- Member, Environment Institute Kenya (EIK).
- Kenya Wetlands Forum;
- Kenya Climate Change Working Group;

Administrative Positions Held

Recognized university administrative positions;

- **15th January, 2020 - 15th January, 2024:** Chairman, Department of Environmental Studies and Community Development, School of Agriculture & Environmental Sciences, Kenyatta University.
- **September, 2016-to- 15th January, 2020:** Examination Coordinator, Kenyatta University, Department of Environmental Studies and Community Development.

Other administrative positions held in the University since 2010;

- **April, 2024-to-date:** Chairman, Kenyatta University, Seedlings Propagation and Tree Growing Committee.
- **October, 2014-to-September, 2016:** Practicum Coordinator, Kenyatta University, School of **Environmental Studies**.
- **October, 2013-to-date:** Practicum Coordinator, Kenyatta University, Department of Environmental Studies and Community Development.
- **October, 2011-to-date:** Field Trips Coordinator, Kenyatta University, Department of Environmental Studies and Community Development.
- **October, 2014-to-date:** Board Member, Kenyatta University, Centre for Refugee Studies and Empowerment.
- **December 2011-to-June, 2012:** Research Assistant. Feasibility Studies for Borderless Higher Education for Refugees (BHER). The Provision of Higher Education for Refugees in the Dadaab Camps, Kenya.