

CV of Nyandiko Nicodemus, PhD

1. **Family name:** Nyandiko
2. **First names:** Nicodemus Omoyo
3. **Nationality:** Kenyan
4. **Civil status:** Married
5. **Education:**

Institution (Date from - date to)	Degree(s) or diploma(s) obtained:
Centre for Disaster Management & Humanitarian Assistance of Masinde Muliro University of Science & Technology; 2008-12	PhD Disaster Management and Sustainable Development (Thesis focused on food security in a changing climate)
Masinde Muliro University of Science Technology, Kakamega-Kenya; 2004-2006	Master of Science –Disaster Management and sustainable Development
University of Nairobi, Nairobi, Kenya; 1989-1993	BSc in Agriculture (Lower Second)

6. **Language skills (indicate competence on a scale of 1 to 5 whereas 1 is excellent and 5 is basic):**

Language	Reading	Speaking	Writing
English	1	1	1
Kiswahili	1	1	1

7. **Other skills:** Excellent Computer MS office skills

8. **Administrative Positions held**

June –September 2015: Ag Coordinator, Nairobi Campus, Kenya

June – September 2018: Ag CoD, DMSD

June 2016 to date: Chair, Graduate Departmental Committee

Aug -Dec 2022: Ag Coordinator, Nairobi Campus

July 2023 - to date, Chairman of Department, Disaster Management and Sustainable Development Masinde Muliro University of Science and Technology, Kenya

9. **Professional Experience**

Career growth and development

2021 to date: Senior Lecturer, Department of Disaster Management and Sustainable Development

2013 to 2021: Lecturer, Department of Disaster Management and Sustainable Development

2011 to 2013: Assistant Lecturer, Department of Disaster Management and Sustainable Development

2006 -2011: Senior Agricultural Officer, Ministry of Agriculture

2004- 2005: Senior Programme Officer, KRCS

1993 -2004: Kenya Tea Development Agency (KTDA)

1993: Tsc (Untrained Teacher)


- I. **University Teaching (Undergraduate Courses):**

- Theory of resource use
- Disaster and Society

- Disaster, Environment and sustainable development
 - Appropriate Development and sustainability
 - Urban Disaster Planning
 - Corporate Risk analysis and Emergency Management
- II. Post graduate courses taught:**
- Famine and Food security
 - Research Methods
 - Post disaster reconstruction
 - First Aid Skills and Practice
 - Refugee Camp management and Organization.
 - Advanced principles of disaster management
 - Disaster Theory
- III. Support Curriculum development and Review in the department and the school**
- SDMHA curriculum review
 - Departmental curriculum development
- IV. Research - human mobility and climate change and disasters; food security, systemic risk;**

10. Relevant Research and consultancy experience

Date from - date to	Location	Company	Position-	Description of the consultancy, activities carried out
May 2022 – April 2023	IGAD Region	IGAD	Lead Consultant	Lead consultant to develop guidance and procedures on admission and stay in cross border disaster contexts; <ul style="list-style-type: none"> • Conducted desk review on laws, policies and procedures on admission and stay for people displaced across borders in disaster contexts; • Prepared a tailored workshop for IGAD Member states on admission and stay in disaster contexts • Supported drafting, consultation, and validation of the SOPs at regional and national levels.
Sept 2022 – Mar 2023	Africa	UNECA	Course Director	Developed training materials and delivered an on-line training material on “Risk Management in a context of change (Strategic, Operational and Technical)” and coordinated the course as course director
Mar-June 2022	IGAD	IOM	Lead Expert	Analysis of human mobility integration in Kenya’s National Climate Change Frameworks
Dec. 2021 –	Africa	United Nations	Lead Expert	Develop policy briefs for awareness raising of the Sendai Framework and Global Compact for

Feb 2022		Economic Commission for Africa		Migration in context of Disaster Displacement and its implications in achieving the SDGs in Africa 
April 2021 – Dec 2021	Africa	Africa Union Commission/UNDP	Disaster Risk Reduction and COVID-19 Recovery Expert	Coordination of multi sectoral recovery and Disaster Risk Reduction linked to COVID-19 in Africa. Supporting AUC DRR Unit to develop knowledge products on DRR and COVID-19 recovery. Coordination of meetings that involve continental, regional and MSs and provide technical support to the AUC. https://au.int/sites/default/files/documents/42998-doc-en-covid-19_recovery_framework_for_africa.pdf
Nov 2020-Feb 2021	Eastern Africa	UNDRR	DRR Consultant	Analysis of coherence of coordination, Institutional and Planning mechanisms for DRR and CCA for Uganda and Malawi.
September 2020 Nov.	Africa	UNDP Regional Bureau for Africa	Lead Consultant	Mid Term Evaluation of the Regional Programme for Africa to assess the impact of development assistance of the RSCA in three thematic areas: Priority 1: African Union and RECs deliver on their mandate, especially cross-cutting issues related to resilience building; Priority 2: Regional growth is inclusive, transformational and sustainable with reduced economic inequalities, and characterized by structural transformation; Priority 3: Regional institutions sustain peace and build resilience to crises and shocks
Jun – Sept 2019	Africa	AUC	DRM Expert	Reviewed the progress of the Programme of Action (PoA) for the Implementation of Sendai Framework for DRR in Africa Region. In charge of and compiled the progress Reports for ECOWAS, IGAD and EAC economic communities.
Feb-Aug 2018	IGAD Region	IGAD	Lead Consultant	Development of an Updated IGAD Regional DRM Strategy and Formulation of DRM and CCA regional framework Document.
December 2017	Kenya	Christian Aid	DRR Evaluation Expert	Supported Christian Aid conduct final evaluation of the Linking Preparedness, Resilience and Response Project run by the START consortium in Marsabit County Kenya
August – September 2017	Kenya	NDMA/ UNDP	Drought Early Recovery Expert	Supported NDMA to conduct Drought Early Recovery Needs Assessment in Malindi, Kwale, Kilifi, Baringo and Turkana Counties following the prolonged drought from 2016-2017.
May – June	Kenya	Oxfam	DRR Consultant	Supported Oxfam develop a policy brief on benefits of developing Early Warning Early Action Mechanisms for food security in urban areas

March – May 2017	Kenya	UNDP	Environment, DRR and CCA expert	Mid Term Review of UNDP Country Programme Document (CPD): Supported the environment, climate change and DRR portfolio
Dec 2016– Jan 2017	Kenya	AHADI/ USAID	DRM & CCA Expert	Supported DRM policy dialogue sensitization for Meru and Garisssa Counties
June – August 2016	Kenya	NDMA	Evaluation Expert	Mid Term Review of EU funded DCFP to mitigate the impact of drought experienced 2014/2015. The work was awarded to Acacia consultant Ltd where I was a DRR and CCA expert team member. The evaluation sought to establish the performance and relevance of the EU funded DCFP in addressing drought experience in 14 counties in 2014 and 2015 in Kenya. Efficiency and effectiveness of the drought response was also evaluated in addition to determining the impact and sustainability of the interventions.
May – June 2016	Kenya	AHADI Kenya/ USAID	CCA/DRR consultant	Supporting scoping study on the status of CCA and DRR in selected four ASAL counties of Kenya. The study focused on analysis of current policies and projects related to DRR and CCA aimed at building resilience in selected ASAL counties (Turkana, Wajir, Garissa and Mandera)
Nov 2015– Jan 2016	Kenya	International Institute for Advanced Sustainability Studies (IIASS), Germany	Lead Consultant and Principal Investigator	The objective of the research consultancy was to conduct an evaluation of SLM projects carried out in Western Kenya so as to provide IASS a comprehensive understanding of past successes, constraints and failures in promoting SLM in western Kenya. By developing a thorough understanding together with IASS of what has been going on in the region and by identifying lessons learnt and obstacles encountered in the past, IASS sought to build a strong knowledge foundation before moving towards transdisciplinary research and implementation activities.
October 2015	Kenya	UNDP Kenya	Consultant	The task involved reviewing and structuring the DRR mainstreaming guidelines. The scope of work involved: <ul style="list-style-type: none"> ▪ Review of the content, terminologies and words used to ensure they are aligned with UN ISDR and other globally agreed upon global terminologies for DRR 2. ▪ Review and update the content based on DRR context in Kenya and we well as global trends 3.

				<ul style="list-style-type: none"> ▪ Structured the document and ensure the logical flow, table of contents and carried out editorial work to ensure the readability of the document
Aug – Sept 2015	Kenya	KRCS	Lead Expert	Developed Kenya Multi Hazard multi sectoral Disaster Preparedness and Contingency Plan. The process involved include thorough desk review, in-depth discussion, hazard mapping and analysis, scenario building and development of appropriate operational plans.
Jan-Jun 2015	Kenya	Red UK	Lead DRR Consultant	<p>Developed Disaster Risk Management training package (session briefs, list of power points, detailed workbook, hand outs, facilitator’s notes, reading resources, timetable, factsheet) and submit to RedR the draft material.</p> <p>The purpose of the consultancy was to develop a 4 day Disaster Risk Management training package aimed at building capacities of the newly devolved county governments and stakeholders for preparedness, and timely response to disasters in Arid and Semi-Arid Lands (ASAL's) in Kenya.</p>
Sept 2014	South Sudan	NPA	DRR Expert	The main objective is to develop training manual on Disaster Risk Reduction for use in local training, aimed at building the capacities of communities. By being trained in this field, will enable communities to build DRR and withstand disasters in the long-term. The main output - Compiled a training manual on Community Managed Disaster Risk Management for NPA South Sudan.
Dec 2013- Jan 2014	South Sudan	Norwegian People’s Aid, South Sudan-NPA	DRR Expert	<p>The main objective of the training workshop was to enhance skills and knowledge in disaster risk reduction among the NPA DRR Officers and Field Monitors with a view to systematically contributing to building resilience to disaster risks in South Sudan.</p> <p>Specific outputs were: Promoted DRR awareness among 27 DRR officers from various states of South Sudan.</p>
Jan-Dec 2013	Kenya	Masinde Muliro University of Science and Technology	Researcher	<p>Crop yield forecasting and prediction in lower Eastern Kenya’s ASAL districts/Counties. Main tasks were:</p> <ul style="list-style-type: none"> ▪ Analysis of yields of dominant crops (maize, beans, sorghum and pigeon peas) ▪ Monitoring crop growth stages ▪ Monitoring climate and establish relationships with crop yields for prediction.

				<ul style="list-style-type: none"> ▪ Develop a model for predicting crop yields with climate data
May-Sept 2013	Kenya	NDMA	DRR Expert	<p>The objectives of this work were to identify DRR opportunities and capacity needs in regard to drought risk management covering knowledge management for the DRR division at NDMA headquarters, and information and resilience units at the county level based on which to provide training support. The key deliverables were:</p> <ul style="list-style-type: none"> ▪ Conception Report ▪ Compiled draft report for presentation to stakeholders including NDMA, UNDP, and government staff at the counties for validation. ▪ A final report incorporating feedback from stakeholders developed and presented to client. ▪ Formulated capacity development programme. ▪ Carried out one training event based on the identified capacity gaps.
Jan-Dec 2012	Kenya	MOSSP	DRR Consultant	<p>Assessment of status of emergency preparedness in Kenya's urban centres: Nairobi, Eldoret, Thika, Mombasa, Nakuru and Kisumu. Key tasks were:</p> <ul style="list-style-type: none"> ▪ Desk review of relevant literature on emergency preparedness in Kenya's urban areas ▪ Developed data collection tools such as KIIs, Questionnaires, FGD guide and checklists ▪ Collection and analysis of data including GIS maps ▪ Compilation of report –completed in time
September 2012.	Uganda, Rwanda and Kenya	DRR and CCA consultant		<p>Conducted a DRR capacity needs assessment. Supported Training on Disaster Risk Reduction & Climate change disasters to the Swedish Cooperation Centre and VI Agroforestry staff from Uganda, Rwanda and Kenya.</p>
July-October 2011	Kenya	UNDP Kenya	Livelihood specialist	<p>Assessment of status of IDPS and developed proposal on Post-Election violence Livelihoods Recovery Project. The goal of the consultancy was to develop a comprehensive Livelihood Strategy for IDPs. I collected and analysed primary and secondary data consulted with various stakeholders including but not limited to various Government ministries, NGOs, UN agencies community members and leaders; conducted a literature review on best practices in Livelihoods & Recovery programmes. A proposal for Livelihoods Recovery Project Phase for IDPs was developed.</p>

July 2010- Dec 2011	Kenya and Uganda	Lake Victoria Basin of EAC	DRR and CCA Expert	<p>A study on Disaster risk reduction, climate change and adaptation for Mt Elgon Ecosystem. Developed a DRR and climate change adaption strategy for Mt Elgon Ecosystem. Key deliverables were:</p> <ul style="list-style-type: none"> ▪ Inception report compiled ▪ Desk reviewed secondary data sources on climate change and DRR in Kenya and Uganda including EAC ▪ Developed data collection tools (questionnaires, Key informant interview guide ▪ Collected information on CC and DRR ▪ Compiled and Developed draft CC and adaptation strategy ▪ Presented findings to LVBC for further input and validation.
2011	Somalia	Danish Refugee Council, Somalia)	DRR Expatriate	<p>Development of training tools on DRR and climate change adaptation into WASH and livelihood program activities. Designed and conducted capacity building/awareness raising activities for DRC staff on DRR and climate change adaptation in Somalia. Key tasks included;</p> <ul style="list-style-type: none"> ▪ Desk review on climate change/natural disasters on water resources in Somalia ▪ Developed social Action Research tools for data collection including resource and social maps, mobility maps, trend lines, KII guide& FGDs ▪ Developed training materials on WASH cantered DRR and CC adaptation
Sept-Dec 2011	Kenya	NDMA/ UNDP	DRR Expert	<p>Disaster Risk Reduction and Recovery Stakeholder capacity Assessment and mapping in Kenya. Specific activities included:</p> <ul style="list-style-type: none"> ▪ Compiled inception report ▪ Carried out literature review relevant to DRR stakeholder analysis ▪ Carried FGDs, interviews among DRR stakeholders such as DSG members, general public, NGOs and CBOs involved in disaster preparedness, emergency management and mitigation activities in Turkana and Garissa Counties. ▪ Compiled draft Stakeholder report for input and validation by the stakeholders ▪ Compiled final DRR stakeholder's analysis report with input from the stakeholders.
June-Sept 2010	Kenya	UNISDR	Lead consultant	<p>Supported development of a training manual for Training of Trainers' on natural hazards in Kenya. The training package was tested for through a training event for national and sub national staff. I</p>

				organized and trained Kenya National DRR platform members using the manual.
July-December 2009	Kenya Uganda, Ethiopia, Somalia and Sudan	IGAD	Livelihood Specialist	Compilation of complete information on the physical environment, agriculture and livestock in the IGAD region (Kenya Uganda, Ethiopia, Somalia and Sudan), as a support to the early warning activities for food security and for the sustainable development of the IGAD Region. Tasks included: <ul style="list-style-type: none"> ▪ Ground data collection ▪ Collection of agriculture and livestock statistical data ▪ Standardization and data entry ▪ Compilation of final report for development of cpsz and food security EWSs in the IGAD region.

11. Conferences and trainings modules :

I. Training materials authored

- Nyandiko N.O 2015: Disaster Risk Management Training Manual for Kenya's ASALs. Funded by RedR Sub Saharan Africa Office, Nairobi Kenya
- Community Based Training Manual for building Resilience In South Sudan, Funded by Norwegian People' Aid, South Sudan.
- Nyandiko N.O (2011). Natural hazards training package for Kenya. United Nations International Strategy for Disaster Reduction. Nairobi, Kenya.
- ODEL Learning modules: Famine and Food Security (Msc ODEL learning module)

II. Papers presented in conferences and seminars

1. Nyandiko. N.O and Odongo J. Shock-responsive social protection for socio-economic equity among migrants and displaced persons in the IGAD Region: Lessons from COVID -19 compounding risks. *IGAD Conference on Migration and Displaced. Nairobi, Kenya. Conference held in Nairobi 1st -3rd November 2022.*
2. **Nyandiko, N.O.** (2013): Challenges and opportunities for mainstreaming disaster risk reduction into development frameworks: The case of the first medium term plan of Kenya. *Paper Presented during the First National DRR symposium in Eldoret, Kenya February 2013.*
3. **Nyandiko. N.O**, Otengi S.B.B, Wakhungu J. (2012): Analysis of Maize yields with climate data in lower eastern Kenya's arid and semi-arid lands. Paper presented in the International conference on disaster risk reduction and conflict resolution Kenya from 22nd to 24th August 2012 at Masinde Muliro University of Science and Technology. Kakamega, Kenya.
4. **Nyandiko N.O** (2012). Diversity and preference of indigenous food crops for household food security in Ikolomani District Western Kenya. *Paper presented during the International conference on disaster risk reduction and conflict resolution Kenya from 22nd to 24th August 2012 at Masinde Muliro University of Science and Technology. Kakamega, Kenya.*

5. **Nyandiko N.O** and China S. (2012). The Disaster risk reduction (DRR) under Kenya's new constitution. *Paper presented in the International conference on disaster risk reduction and conflict resolution Kenya from 22nd to 24th August 2012 at Masinde Muliro University of Science and Technology, Kenya.*
6. **Nyandiko, N. O.** (2015): Diversity and utilization of indigenous vegetables of Western Kenya. Presented during the International Conference on Disaster Risk Reduction and Conflict prevention at Masinde Muliro University of Science and Technology from 12th to 18th July 2015.
7. **Nyandiko, N.O.** (2017): Mainstreaming Disaster risk reduction and climate change adaptation into the education sector: *Paper presented during the 4th National Disaster Risk Reduction Symposium* in Kwale County Kenya.
8. **Nyandiko N.O** (2016): Scoping study on Disaster Risk Reduction and Climate Change Adaptation in selected ASAL counties of Kenya: *Paper presented during the National Dialogue on DRR and CCA policy frameworks at Naivasha in 2016.*

III. Publications in Referred Journals

Nyandiko, N.O:

Nyandiko, N.O.(2023). Incorporating human mobility into the disaster risk reduction laws, policies and strategies of Africa States. *Climate Mobility Africa Research Network, 2023.* Policy Brief series.

Nasambu, B.O, China, S.S, **Nyandiko, N.O.** (2023):The existing Sustainable Land Management Technologies employed by Farmers in Western Region, Kenya. *International Journal of Latest Research in Humanities and Social Science (IJLRHSS)* Volume 06 - Issue 06, 2023. www.ijlrhss.com || PP. 285-291

Nasambu, B.O, China, S.S, **Nyandiko, N.O.**, (2023). The Perception of Flood risk by farmers in Western Region Kenya. *International Journal of Scientific and Research Publications*, Volume 13, Issue 7, 2023. ISSN 2250-3153. DOI: 10.29322/IJSRP.13.07.2023.p13933
<http://dx.doi.org/10.29322/IJSRP.13.07.2023.p13933>.

International Organization of Migration and **Nyandiko, N.O**, (2023): Analysis of Human Mobility in the national and county climate change and disaster risk reduction frameworks in Kenya. *International Organization of Migration, Nairobi, 2023.*8.23.

Kariaga, P. **Nyandiko, N.O**, Simiyu, R. (2022): An Evaluation of the Effectiveness of Behavioural Intervention Strategies Employed towards the Mitigation of HIV Risky Sexual Behaviour among Students in Institutions of Higher Learning in Western Kenya. *Research on Humanities and Social Sciences* 2224-5766. Vol.12, No.16, 2022.

Nyandiko, N.O (2022): Displacement and Disaster Risk Reduction Strategies in the IGAD Region. In the Climate Crisis and Displacement: From commitment to Action. *Forced Migration Review* 69.

<https://www.fmreview.org/sites/fmr/files/FMRdownloads/en/climate-crisis/nyandiko.pdf>

Nyandiko, N.O, Kimokoti, S, Odongo.J.O and Ma Donghui. 2022: Harmonizing Disaster Risk Reduction and Climate Change Adaptation Frameworks for Risk Informed Development Planning in Sub-Saharan Africa: The Case of Uganda and Malawi. *Journal of Sustainable Development*. Vol 15, No 5, 2022. DOI: <http://dx.doi.org/10.5539/jsd.v15n5p22>

Nyandiko, N.O and Freeman, R. (2020): Disaster Risk Reduction, Climate Change Adaptation and Development Policies and their consideration of disaster displacement and Human mobility in the IGAD Region. Platform for Disaster Displacement.

<https://disasterdisplacement.org/portfolio-item/drr-cca-development-policies-and-disaster-displacement-human-mobility-in-igad>

Nalianya, G.W., Wakhungu, J.W. and **N.O. Nyandiko (2021):** Impacts of climate change and variability on Smallholder Dairy Production in Bungoma County, Kenya. *International Journal of Scientific and Research Publications*, Volume 10, Issue 12, December 2020 725 ISSN 2250-3153.

DOI:10.293.22/IJSRP.10.12.2020.p10886 <http://dx.doi.org/10.29322/IJSRP.10.12.2020.p10886>.

Nalianya, G.W., Wakhungu, J.W. and **N.O. Nyandiko (2021):** Trends and Patterns of Climate Change and Variability Experienced In Bungoma County, Kenya. *International Journal of Scientific Research and Innovative Technology* Vol. 7 No. 10; November 2020.

DOI:[10.29322/IJSRP.10.12.2020.p10886](http://dx.doi.org/10.29322/IJSRP.10.12.2020.p10886)

Mundia, M.O, Mugalavai, E. and N.O Nyandiko, (2021): Determinants of Water-funded Projects in Mitigating Water Risks in Vihiga County, Kenya. *International Journal of Pathogen Research* 6(3): 15-26, 2021; Article no.IJPR.65729. ISSN: 2582-3876. DOI: 10.9734/IJPR/2021/v6i330162.

Nyandiko, N.O. (2020): Devolution and Disaster Risk Reduction in Kenya: Progress, challenges and opportunities. *International Journal for Disaster Risk Reduction (IJDRR)*. IJDRR. 2020.

<https://doi.org/10.1016/j.ijdr.2020.101832>

Nyandiko, N.O (2020): Effect on Sorghum Yield in the Semi-Arid Counties of Lower Eastern Kenya's. *Journal of Advances in Agriculture*. Vol. 11 (2020). ISSN 2349-0837.

DOI: <http://dx.doi.org/10.24297/jaa.v11i.8770>

Kiveu, W. N. and N.O **Nyandiko**, (2019): Spatial and temporal distribution of road crash related disasters on the northern corridor road of Kenya. *International Journal of Engineering Sciences & Management Research*, IJESMR 6(11): 2019.

ISSN 2349-6193 DOI: <http://dx.doi.org/10.5281/zenodo.3555570>

Mutua, M. B., **Nyandiko**, N.O and Mugalavai, E. (2018): Effect of human capital on household food security in Mbooni east sub-county, Makueni County, Kenya. *ijmir.com/vlm1-issue 3*.

<http://www.ijmir.com/vlm1-issue3.html>

Ogenga J. O., Mugalavai, E. M. and **Nyandiko, N. O.** (2018): The impact of rainfall variability on food production under rain fed in Homa Bay County, Kenya. *IJSRP Vol 8 No 8 (2008)*.

<http://dx.doi.org/10.29322/IJSRP.8.8.2018.p80110>

Nyankuru,O., Omuterema, S and **N.O. Nyandiko** (2017): Evaluating the Effectiveness of Fire Safety Training on Occupants' Response to Fire in Selected Public Buildings in Nairobi County, Kenya. <https://www.gssrr.org/index.php/JournalOfBasicAndApplied/article/view/8200/3790>

Aseña C, **N.O Nyandiko** and E. Mugalavai (2017): Impact of small holder agro-forestry on resilience to climate variability in Vihiga sub-county. *Vol 4 No7 IJSRIT (2018)*.

<https://ir-library.mmust.ac.ke/xmlui/handle/123456789/1140>

Aseña C, **N.O Nyandiko** and E. Mugalavai (2017): Enhancing Farmers Resilience to Climate Variability through Agroforestry Practices in Vihiga Sub-county, Kenya. *International Journal of Scientific Research and Innovative Technology ISSN: 2313-3759 Vol. 4 No. 7; July 2017*.

https://www.researchgate.net/publication/319645069_Enhancing_Farmers_Resilience_to_Climate_Variability_through_Agroforestry_Practices_in_Vihiga_Sub-county_Kenya

Ehagi, Omuterema, D. S and **N.O. Nyandiko** (2017): The contribution of the Agro-pastoral livelihoods to land cover change in Kajiado sub county, Kenya. *Ijsrp Vol.8 No 7: 2250-3153 (2018)*.

<http://dx.doi.org/10.29322/IJSRP.8.6.2018.p7835>

Lumumba, L.G., **Nyandiko, N.O** and R. Simiyu (2017): The Social Status of Street children in Kakamega Central sub-county, Kenya. *Int. J. of Multidisciplinary and Current research, Vol.4 848-867*. Available at:<http://ijmcr.com/wp-content/uploads/2016/09/Paper9848-867.pdf>

Nyandiko, N.O. (2017): Strengthening Early Warning and Early Action strategies for Urban for Security in Kenya. *Biomed J Sci & Tech Re*.

DOI: <http://dx.doi.org/10.26717/BJSTR.2017.01.000603>

<https://biomedres.us/pdfs/BJSTR.MS.ID.000603.pdf>

Amayi M., China, S.S and **Nyandiko N.O** (2016): The role of urban agriculture in enhancing nutrition security among households in Embakasi Sb County, Kenya. *IJAIR&R vol. 5 No. 1 (2016)*.

https://ijair.org/administrator/components/com_jresearch/files/publications/IAJIR_2022_FINAL.pdf

Kimani E.G., **Nyandiko, N.O.** and Omuterema S.O. (2015): Improving Strategic options for Responders in Mombasa and Nairobi City Counties, Kenya. *Elixir Social Studies 88 (2015) 36242-36247*.

<https://www.elixirpublishers.com/index.php?route=articles/archives&month..>

Kimani E.G., **Nyandiko, N.O.** and Omuterema S.O.(2015): The Management of Responders during Urban Search and Rescue in Mombasa and Nairobi City Counties, Kenya. *Elixir Social Studies 88 (2015) 36254-36257*.

<https://www.elixirpublishers.com/index.php?route=articles/archives&month>.

Nyandiko, N.O. & L. Ogaro (2015): Adopting a Framework for Disaster Risk Reduction in Water, Sanitation and Hygiene programming in Somalia. Accessed on 20/05/2020 from: <https://ir-library.mmust.ac.ke/handle/1/43>

Nyandiko N.O., J. Wakhungu and S.B.B Oteng'i (2015): Effect of climate variability and change on maize yields in the Arid and Semi-arid lands of lower Eastern Kenya. European Journal of Agronomy, 2015. <https://link.springer.com/article/10.1186/s40066-015-0028-2>

Okayo, J., Masese, A., **Nyandiko**, N. & Simiyu, R. (2012). The role of Women in planning and decision-making on issues of climate change and variability at community and national levels in Turkana District, Northern Kenya. International Journal of Disaster Management and Risk Reduction.

Nyandiko N.O., A.J Sigot, S.B.B Oteng'i and Palapala V.A (2008): Social characteristics and household food security among farming households in Western Kenya. IJDR vol. https://www.researchgate.net/.../Nicodemus_Nyandik

Nyandiko N.O., Palapala V. and Nandi (2008). Diversity and role of Indigenous crops among the Idakho community of Western Kenya. International Journal for DRR and Conflict Resolution.

IV. Book Chapter

Nyandiko Nicodemus Omoyo, [Jacob Wakhungu](#), [Silvery Oteng'i](#), 2022: Investing the Impact of Climate Variability and Change on Maize Yields in the Semi-Arid Lands of Lower Eastern Kenya. Research Highlights in Agricultural Sciences Vol. 2, 3 September 2022, Page 13-37. <https://agricultureandfoodsecurity.biomedcentral.com/articles/10.1186/s40066-015-0028-2> or <https://stm.bookpi.org/RHAS-V2/article/view/8154>

Mary Kerubo Nyasimi, Nicodemus Omoyo Nyandiko, Samuel Partey, Jayakumar Ramasamy, Soichiro Yasukaw. Toward Genderresponsive and Technology-oriented Disaster Management in Eastern Africa. UNESCO Regional Office for Eastern Africa, Nairobi, Kenya. <https://unesdoc.unesco.org/ark:/48223/pf0000380951>

Nyandiko N.O. (2011). Natural hazards training package for Kenya. United Nations International Strategy for Disaster Reduction. Nairobi, Kenya. https://www.preventionweb.net/files/26448_26445trainingpackageonnaturalhazard.pdf

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V. Technical reports and surveys

Nyandiko N.O. Omuterem S.O. and Steve Ogallo (2012): Study on Emergency Preparedness of Kenya's Urban towns and Cities (Nairobi, Kisumu, Mombasa and Thika) funded y the Ministry of State for Special Programs, Kenya (MoSSP).

Nyandko N.O (2013): Capacity needs Assessment of National Drought Management Authority, Kenya funded by UNDP Kenya.

Nyandiko, N.O, S.S China, S.O, Omuterema and Ogema V.O (2017): Study on Sustainable Land Management Practices among Small Holder Farmers in Western Kenya funded by Institute of Advanced Studiess (German).

VI. Articles published in non-reviewed journals

Busi Ncube (Team leader), Ms. Connie Ngandu, Dr. Nicholas Letting, Dr. Nicodemus Nyandiko: UNDP Kenya, 2018: Mid Term Review of the Kenya Country Programme Document (CPD). Publication in UNDP Kenya documents.

12. Post graduate student supervision and mentorship -Completed

No	Name	Year & Degree awarded	Title of Thesis
1	Kiveu Wycliffe	Msc., 2015	Fire Disaster preparedness among thw hospitality industry in Kisumu City, Kenya
2	Kimani Evans Gacheru	PhD, 2016	Institutional Capacity of First line response organizations in Urban Search and Rescue in Nairobi and Mombasa City Counties, Kenya”
3	Maureen Amayi	Msc, 2016	The role of urban agriculture in enhancing nutrition security among households in Embakasi sub county, Kenya
4	Asena, C.	MSC. 2018	Enhancing Farmers Resilience to Climate Variability through Agroforestry Practices in Vihiga Sub-county, Kenya
5	Lumumba P	Msc. 2016	The Social Status of Street children in Kakamega Central sub-county, Kenya
6	Nyankuru Olipha	Msc., 2017	Effectiveness of Fire Safety Training on Occupants’ Response to Fire in Selected Public Buildings in Nairobi County, Kenya
7	Ogenga Japeth	Msc. 2018	Impact of Rainfall Variability on Food production under Rain fed Agriculture in Homa Bay County, Kenya
8	Mutua Mwema Bonface	MSC 2018	Effect of human capital on household food security in Mbooni east sub-county, Makueni County, Kenya
9	Kiveu W	PhD 2019	Economic Related Impacts on livelihoods of Participants of Road Crash Disasters along the Northern Corridor Road in Kenya
10	Timothy Kileteny	Masters 2019	Influence of livelihoods on household food security in pastoral areas of Narok county, Kenya

11	Nalianya Gregory	PhD	Influence of climate change and variability on smallholder dairy cattle herd productivity in Bungoma County, Kenya
12	Patricia Kariaga	PhD	Efficacy of Strategies used to Mitigate Hiv Risky Sexual Behavior among students of Institutions of Higher Learning in Western Kenya

13. Thesis Examination

No	Name	Year & Degree	Title of Thesis
1	Joseph Lolentum	Msc., 2016	Drought management strategies for enhanced food security in West Pokot County, Kenya
2	Jane Mwitia	Msc., 2019	Evaluation of factors affecting upland rice value chain development for food security in Kakamega County, Kenya'.
3	Koyi Nabiswa	PhD 2017	Transformation in the dairy value chain for food security and sustainable development in Bugoma county Kenya'
4	S Khosa	PhD 2020	A gendered approach to climate smart agriculture adoption by smallholder farmers in malawi and zambia'
5	Godfrey Eng'or	Masters 2020	Drought Early Recovery strategies influencing sustainable livelihood options among households in Turkana Central
6	Wilson Oduor Obangi	Masters 2019	Contribution of human and technological factors to the farmers field school sustainability in Busia county, Kenya'.
7	Denis Otwor	Masters 2019	Evaluation of renewable energy utilization among urban households in Kakamega county, Kenya

14. University responsibilities/administrative roles

Period	Role
May-August 2017	Acting CoD DMSD Department
May-September 2015	Acting Coordinator Nairobi Campus
2015-Todate	Chair, Departmental Post Graduate Studies
2023 - 50 date	Chair, Department of Disaster Management and Sustainable Development

15. Relevant Resource mobilization effort

Research title	Funding amount	Notes
Climate Mobility Africa Research Network	KSH 6.5 Million	Supporting evidence -based law and policy response to climate mobility in Africa
Institute of Advance Sustainability Studies (IASS-German) consulted MMUST Team to conduct	USD 50,000	A team of 5 scientists and 4 assistant researchers. The scientists were Dr Nyandiko

research on Sustainable Land Management Practices in Western Kenya.		(Lead), Prof. China, Prof. Omuterema, Dr Nyongesa and Dr Ogema
Ministry of State for Special Programmes (MOSSP) funded MMUST to conduct state of Emergency Preparedness of Kenya's Urban Cities – Nairobi, Mombasa, Nakuru, Kisumu and Thika	Funding KSH 3M	Prof Omuterema, Dr Nyandiko and Kimokoti Susan
UNDP Kenya funded MMUST in two years to conduct national symposium on DRR	Funding KSH 1.8 M	Team Members: Prof China, Dr Nyandiko, and Dr Edmond Were
National Drought Management Authority (NDMA) capacity enhancement on DRR for counties in Kenya	Funding KSH 1.2 M	Team Lead Nyandiko and Prof Obiri. Trained MCAs and CECs for the following counties on DRR issues.

16. Community engagement and Affiliations in professional bodies

I. Membership to professional bodies:

- Life member, Kenya Red Cross Society,
- Member Kenya Society of Agriculture professionals, and
- Member Association of DRR and conflict resolution of Kenya
- Member Kenya National Platform for Disaster Risk Reduction

II. Networks and Community Engagement

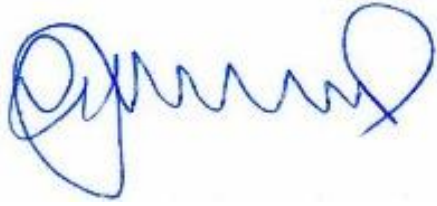
- Co-Chair Climate Mobility Africa Research Network:
<https://www.cmarnetwork.com/english>
- Advisory Committee Member, Platform for Disaster Displacement:
<https://disasterdisplacement.org/advisory/dr-nicodemus-nyandiko>
- Board Member Africa Union DRR scientific Advisory Group
- Patron, Disaster Mitigation Professionals Association of Kenya
- Member of the Kenya National Platform for Disaster risk Reduction
- Training and Emergency Committee Member St John Ambulance

17. Mentorship

Patron, Kenya Red Cross Society MMUST, Chapter
Patron, Virtues Clum MMUST Chapter

REFEREES

1. Prof. Stanly Omuterema
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2. Prof Nyatuka
Kisii University
Email; bnyantuka74@gmail.com
3. Prof Samuel.S China
Masinde Muliro University of Science and Technology
Email: schina@mmust.ac.ke

A handwritten signature in blue ink, appearing to be 'S. M. S.', written in a cursive style. The signature is contained within a light gray rectangular box.

Signature: