

CURRICULUM VITAE



NELLY AKINYI JUMA

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BRIEF RESUME

Nelly Akinyi Juma has completed a doctorate degree from Egerton University specializing in Economic/Environmental Geography specializing in human dimensions of environmental change in monitoring land use cover and land use change. She also holds a Master of Arts Degree in Geography and a Bachelor of Education - Arts from Egerton University and the Catholic University of Eastern Africa respectively. Nelly Juma is a lecturer in the Department of Geography and Natural Resource Management at Maseno University with 18 years of experience in teaching and research. Her research interests include Human and gender dimensions of environmental change, climate change, Rural and urban Land Use patterns and decision-making behaviour and the adoption of technologies in Agriculture for poverty alleviation. Nelly Juma has skills in Geoinformation Systems, material design for online learning and print-based material for distance learning including Information technology instructions for children. She has consulted for various Organizations including UNEP, The World Bank and Ministry of Health and the Rockefeller Foundation and The Kisumu local

Interaction Program (KLIP) with the mandate to assess the effects of COVID-19 on women's access to justice on land matters, the adoption of agroforestry technologies in western Kenya and Creating denser mixed-used urban environments through urban planning and the implementation of catalytic projects. Nelly Juma is a member of the Nile Basin Initiative for River Engineers.

EDUCATION

PhD Geography (Land Use and Land Cover Change)	Egerton University	2023
Master of Arts (Geography)	Egerton University	2002
Bachelor of Education – Arts	Catholic University of Eastern Africa	1997
Certificate Online Course Design, Course Facilitation and innovative Assessment – PEDAL(PASGAR)		2021
Certificate: Material Design for Online teaching (Commonwealth of Learning)		2008
Certificate: Print-based material Design for Distance Learning (Commonwealth of Learning)		2008
TOEFL		2002
Certificate Basic Proficiency in German - Goethe Institute		1997
Computer Literacy Instruction	Futurekids Computers centers	1998

RESEARCH EXPERIENCE

UNEP – Desktop Review on The Effect of the COVID-19 Pandemic on Access to Justice Linked to Environmental and Natural Resources for Women and People with Disabilities in Kisumu County (2021)

Researcher (Kisumu Local Integration Project – KLIP) with the aim of Creating denser mixed-used urban environments through urban planning and the implementation of catalytic projects (2016 – 2021)

Research Assistant and Data Analyst with the World Bank/ Ministry of Health Project on HIV/AIDS in the Rift Valley and Western Kenya (2006-2008)

Research Assistant in Rockefeller funded Project on Agroforestry Adoption in Western Kenya (1999-2002)

Research Assistant for Rockefeller funded project on Energy for Rural Development in Kakamega, Koibatek and Nakuru Districts

WORK EXPERIENCE

Present Position:Lecturer, Maseno University

2007 –2020:Assistant Lecturer, Department of Geography- Maseno University

2007 – 2012: Coordinator Geography Department.

2003 – 2006 Tutorial Fellow Maseno University

2000-2001 Research Assistant, Rockefeller Funded Project on Agroforestry in Western Kenya

1998 Computer Instructor, FuturekidsComputerLearningCenter – Mombasa

PROFESSIONAL AFFILIATION

The Nile Basin Capacity Building Network for River Professionals – Kenya Cluster

LEADERSHIP

Director – Maseno University Savings and Credit Organization (2014 -2017)

Board of Management – Nyaminia Secondary School - Yala

PUBLICATIONS

Juma. N. A (2017): Social Networks and Poverty Alleviation: Lessons from Nyando District Kenya – Scholar Journal of Humanities Arts and Social Sciences

Juma, N., Wegulo, F., Otieno, O (2017) Linkages between Rural Poverty and Land Use in Nyando and Muhoroni Sub Counties Kenya. International Institute for Science and Technology

Odira, P. Nyadawa, M.O. Okelloh N, M. Juma N A. John P. (2010) Impact of Land Use /Cover dynamics on Streamflow: A Case of Nzoia River Catchment, Kenya Nile Basin Journal Vol. 3 Issue 5

Juma, N.A. (2007) Water Resource Management and Food Production in Kenya. Maseno University FASS Journal Vol. 1 No 2, 2007

WORKSHOPS AND CONFERENCES ATTENDED

June, 2017: Pre-Doc Conference at Vreie Univesiteit Amsterdam.

- November 2010: The NileBasinCapacityBuildingNetwork Conference on: Sustainable Solutions for Strengthening the Capacity of the Nile Water Professionals – Cairo
- April, 2009: Regional Conference on Flood Management; 20th April - 23rd April, 2009 at Boulevard Hotel Nairobi, Kenya.
- November-December 2008: Collaborative Research on East Africa Territorial Integration within Globalization (Nairobi andRuhija, Uganda)
- March 2006 Workshop on training resource persons in open and Distance learning held at Kisumu Hotel, MasenoUniversity
- June 2007 Training in Print Based Instructional Design for Open and Distance Learning by the Commonwealth of Learning: Held at Kisumu Hotel Maseno University
- April 2006: Association of Third World Studies at Western University College. Paper – Land Settlement Schemes in Kenya: An Analysis of Policies and Procedures
- October 2003: 6th Conference of the African Crop Science Society. Paper - ‘Agroforestry and Food Production: The Experiences of Farmers in Bungoma DistrictKenya
- August 2002: 5th Regional Meeting by the Rockefeller Foundation at Entebbe Uganda Title of Paper “the Impact of awareness and extension on Agroforestry Adoption. The Case of Farmers in Kanduyi and Bumula divisions of Bungoma - Kenya
- September 2001; Association of Third World Studies, at Egerton University, Kenya: the Impact of Agroforestry on Food Production. The Case of Bungoma DistrictKenya

CURRENT RESEARCH INTERESTS

1. Human – environment interactions
2. Environmental degradation and resources management
3. Water resources
4. Gender and environmental conservation
5. Problems of Rural Development
6. Alternative sources of energy
7. Information and communication technologies and poverty alleviation
8. Environment and Development

HOBBIES

Games, Literary Works, traveling; the German Language, music

Referees

Prof. F. Angawa
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