

CV

Personal Data

Name : JAMIAT NANTEZA
Date of Birth : 24th July 1982.
Sex : Female.
Nationality : Ugandan.
Marital Status : Married

Work/Home: Department of Geography, Geo-Information and Climatic Sciences
Makerere University
P.O Box 7062,
Kampala (Uganda)
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EDUCATION BACKGROUND

2007-2008:	MSc. in Applied Meteorology
Institution:	University of Reading, UK, Department of Meteorology.
Course Modules included:	Introduction to Weather Systems, Climate Change, Tropical Weather Systems, Measurement and Instrumentation, Introduction to Computing (MATLAB and FORTRAN), Forecasting Systems and Applications, Hydrology and Global Environmental Change, Boundary Layer Meteorology, Atmospheric Physics, Micrometeorology and Agro-meteorology
Msc. Dissertation:	Validation of TAMSAT Satellite estimates over Uganda.
Award:	Msc. with Distinction

2000- 2003	Bachelor of Science degree
Institution:	Makerere University, Uganda
Course Modules included:	Calculus, Linear Algebra, Vector Calculus, Numerical Methods, Classical Mechanics, Differential equations, Population dynamics, probability and statistics, Properties of Matter, Heat and Thermodynamics, Experimental Design and statistics and practical physics among others.
Award:	Bsc. (Hons) 2nd Class Upper Division

1998-1999:	Uganda Advanced Certificate of Education (A-levels)
School:	Bombo Senior Secondary school
Subjects:	Mathematics, Economics and Physics
Grade:	A

1994-1997:	Uganda Ordinary Certificate of Education (O-levels)
School:	Bombo Senior Secondary school
Subjects:	English, Mathematics, Physics, Geography, History, Commerce, Biology, Chemistry, French, IRE,
Grade:	First Grade

1987-1993:	Uganda Primary Education
School:	Luweero Girls School
Grade:	First Grade

WORKING/TEACHING EXPERIENCE

2009 – to-date: **Assistant Lecturer** – Makerere University, Uganda
 2005 - 2008: **Teaching Assistant** - Makerere University, Uganda
 Responsibilities: Assisting with handling Undergraduate courses including Climatology and climate change, Physical Geography, Remote sensing and Research methods, Risk Assessment and Disaster Management, Water Resources Management and as well as guiding students in their undergraduate research projects and field works.

2004-2005: Teacher (MUMSA High School)

ADMINISTRATION EXPERIENCE

November 2008 – to-date: **Assistant Examination Coordinator**
 Department of Geography - Makerere University
 The responsibilities included, Coordinating the setting and marking of exams as well as supervision of the entire examination period.

2009 to-date: 1. **Overseer** of the **GEONETCAST** facility in the Department of Geography. A facility that downloads satellite data to a ground station
 2. Field work coordinator for Geography Undergraduate students

2004-2005: **Head of Department** (Mathematics and Music, Dance and Drama)-MUMSA high school. The key responsibilities included coordination of all activities in the Department of mathematics including organizing seminars and ensuring syllabus is covered. Organizing competitions in Music, Dance and Drama.

RESEARCH INTERESTS

I have general research interests in the field of climate change its impacts, adaptation and modeling. Particular interests are the impacts of climate change on Hydrology and the capability of developing countries to adapt. I am and have been involved in a number of researches in the field of climate science which include:

- Validation of Satellite rainfall estimates over Uganda
- ENSO and its association with the seasonal rains in Uganda
- Assessing the impacts of climate change and variability on water resources in Uganda: Developing an integrated approach at the sub-regional scale
- The challenges of climate change governance in the Karamoja cluster region.
- Climate Change Induced Displacement in the IGAD Region: Implications for Policy and Livelihoods among Pastoral Communities.
- The Importance of mainstreaming Gender in all Climate Change activities in Uganda.

ICT SKILLS

I am able to work with Windows. I am conversant working with Microsoft Office packages (Word processing, Excel Spreadsheets, Access Database, and Power Point Presentation) and soft wares like SPSS and MATLAB. I also have basic knowledge in working with FORTRAN

CONFERENCES, COURSES AND WORKSHOPS ATTENDED

1. Regional Climate Modeling for West Africa using PRECIS (Predicting Regional Climates for Impact Studies) workshop in Ghana, April 2006.
2. Short Course in forecasting by the UK Met Office held at Reading University, May 2008.
3. Refresher course on use of low cost earth observations in environmental and climate monitoring applications, October 2009, Butare, Rwanda
4. Gender and climate change TOT workshop, October 2009, Addis Ababa, Ethiopia.
5. Makerere University Research and dissemination workshop, 2009
6. GEOSS XXX workshop on Disaster Management and Humanitarian Assistance for the Global Earth Systems, October 2009, Uganda
7. AFRICAGIS International Conference. November 2009, Uganda
8. World bank workshop on Climate Induced Migration and Displacement in the MENA region, June 2010

Papers Presented

- Application of Satellite rainfall estimates over Uganda, presented as a poster at UN/AUSTRIA/ESA Symposium on Small Satellite Programmes for Sustainable Development, Austria 2009 as oral presentation at AFRICAGIS International conference November 2009, and at Makerere University Research and disseminations workshop, 2009 Uganda.
- “The challenges of climate change governance in the Karamoja cluster region”. at the 2010 International conference adaptation conference in Australia.
- “Climate Change Induced Displacement in the IGAD Region: Implications for Policy and Livelihoods among Pastoral Communities” at the World Bank Workshop on June 2010