

Francis Otieno

Summary of Qualifications

Exceptional, technical, organizational and research skills. Adept with parallel computing, Weather Research and Forecasting Model, and Community Earth System Model. Proficient in Microsoft Office Suite, NCAR Command Language, UNIX and VI editing, CSH scripting and FORTRAN. Knowledge of Network Common Data Form, NCAR graphics, MATLAB, HTML & CSS, WRF Data Assimilation and ensemble Kalman Filter.

Professional Experience

The Ohio State University, 2012

Columbus, OH

Research Associate

- Utilized the Community Earth Systems Model to simulate past climate
- Analyzed data and published results in Journal of Climate Dynamics
- Administered Weather Research and Forecasting model over Antarctica
- Instructed undergraduate students in Geography 520

The Ohio State University, 2006 – 2011

Columbus, OH

Research Fellow

- Taught International Studies
- Applied the Community Land Model to study effects of insolation
- Published results in Journal of Climate
- Participated in Grant proposal preparation to the National Science Foundation and the National Aeronautical and Space Administration

Iowa State University, 2005

Ames, IA

Teaching Assistant

- Analyzed output from models participating in UNESCO funded project to inter-compare regional simulations
- Taught undergraduate students in Physical Meteorological Science

Education

Iowa State University - Ames, IA, 2005

PhD Meteorology

Iowa State University – Ames, IA, 2001

MS Meteorology

University of Nairobi – Nairobi, Kenya, 1994

MS Meteorology

University of Nairobi – Nairobi, Kenya, 1991

BS Meteorology