

Curriculum Vitae

IGRI MOUDI Pascal

17 mai 2013

UNIVERSITE DE YAOUNDE I

The University of Yaoundé I

DEPARTEMENT DE PHYSIQUE

Department of Physics



REPUBLIQUE DU CAMEROUN

Republic of Cameroon

FACULTE DES SCIENCES

Faculty of Science

Laboratory of Environmental Modelling and Atmospheric Physics (LEMAP)

Speciality : Atmosphere - Climate - Remote Sensing(ACR)

Civil status

- Surname and Names : IGRI MOUDI Pascal
- Date of Birth : 28th March 1983
- Place : NGAOUNDERE
- Nationaly : Cameroonian
- E-mail : moudipascal@yahoo.fr
- Tel : +237 75 32 58 52
- Marital Status : Single, no Child in charge



Education

- July 2012 : Admission at l'Ecole Africaine de la Météorologie et de l'Aviation Civile (EAMAC) in Meteorology Cycle (Engineering).
- 2009-2010 : Ph-D, ongoing.
Subject : *Assimilation Variationnelle des Données Météo-Climatiques à l'aide du Modèle Numérique WRF-Var pour la Prévission du Temps et de la Qualité de l'Air Atmosphérique (Meteo-Climatic Data Assimilation with WRFVAR Model and Application to Weather and Air Quality Forecasts.)*
- 2007-2009 : Masters Degree with thesis (DEA).
- Since October 2008 :Admission at the National Advanced training School for Technical Education, Electricity Engineering, Douala, Cameroon.
- 2006-2007 : Masters degree.
- 2005-2006 : Masters degree in mechanic, not achieved because of illness.
- 2004-2005 : Bachelor in Physic
- 2002-2004 : General Univerity Studies in Physics Diploma
- 1999-2002 : GCE Level, Mathetics and Sciences Physics
- 1996-1999 : French General Certificate Secondary Education
- 1990-1996 : Primary studies, French General Certificate Primary Education

Sofwares, Programming language and Operating Systems

NCL, MATLAB, EXCEL, WORD, Fortran 90, Window, Linux, WRF, WRFVAR, GrAds, XCONV, SURFER .

Operating System

- Computer ASUS
- Characteristics : 320 GB, Dual-Core T4300 @ 2.10 GHZ, 2GB of memory
- System : UBUNTU
 - Karmic, version 9.10

- Kernel Linux 2.6.31-21-generic
- GNOME 2.28.1

Languages

1. French
2. English

Socio-cultural and university activities

- 2007-2008 : In Charge of academic affairs at physic's club of University of YAOUNDE I
- 2004-2005 : President of Cercle des Amis Physiciens at the university of Ngaoundere

Hobbies

Lecture, Sports, Music, Cooking.

Report/Publication

1. Master Thesis : *Atmospheric dispersion model of pollutants released from industrial complex sources*
2. Publication : *Case Study of Pollutants Concentration Sensitivity to Meteorological Fields and Land Use Parameters over Douala (Cameroon) using AERMOD Dispersion Model* : Published in MDPI/Atmosphere open access journal.<http://www.mdpi.com/2073-4433/2/4/715/>
3. Publication : Evaluation of Eta Weather Forecast Model over Central Africa. Atmospheric and Climate Sciences, 2012, 2, 532-537

International conferences

1. Workshop on *Advanced Mathematical Methods to Study Atmospheric Dynamical Processes and Predictability*, 10-15 July 2011, Banff, Canada
2. *Workshop on Aerosol impact on environment : from air pollution to climate change*, 08-12 August 2011, Trieste, Italy.
3. *Summer school on Advanced Data Assimilation for Geosciences*. May, 28 to June 15 2012, Les Houches, France
4. 7th European Conference on Radar in Meteorology and Hydrology 24-29 June 2012, Meteo France, France

Stages

- 10-13 April 2007 : Visite to ASECNA infrastructures, Douala
- 15-31 December 2009 : Visual Clouds observations at the Maroua-Salak Airport under the supervision of Mr Bagnigui, especially the formation of Charly Bravo (cumulo nimbus) clouds