



Chairman Dr. Alfred O. Opere



B.Sc., M.Sc. (UoN), Ph.D. (UoN)

STUDENTS' ARTICLES

A NEW BEGINNING!

By Phoebe Shikuku, BSc. Student and Leader, students' meteorological organization

I take this opportunity to welcome the first years and any other new student joining the department and the Nairobi University Meteorological Association. Feel much welcomed. It's my pleasure as the Chairperson 2013/2014 to work with the entire executive committee and the student fraternity both N.U.M.A members and the non-members for the promotion of our association, the department and the profession of meteorology among the student community and the entire country.

We successfully carried out the year One orientation program on the 20th and 21st of May 2013. We were able to get the contacts of 33 out of the 47 students who were admitted to pursue Bachelor of Science in Meteorology. The remaining 14 students were contacted through their class representative. On the 22nd of May 2013, the N.U.M.A executive team organized a departmental meeting for the year one students with the chairman of the department Dr. Opere. Prior to that we assisted them with online course registration and signing up to the students email as is required by the university for all its students. The agenda of the meeting was familiarizing the students to the associations' mission, vision, objectives and activities for the academic year 2013/2014. We also gave them

a chance to ask questions about the department, association and the course.

On the 7th of June 2013, we had our year one students visit the Kenya Meteorological Department, Kenya Meteorological Society and the Institute of Meteorological Training and Research Library. It was aimed at widening their scope of Meteorology as a science and its application in the society.

We have organized a number of activities for the students currently in session and are open to students who are currently in their holidays. The activities include two career talks, a visit to Ngong hills and windmills power station, interdepartmental sports day and a visit to a children's home. A comprehensive calendar of events has been pinned at the departmental notice board and you can visit it anytime to confirm the dates and the executive committee members' in-charge of the various activities.

In my term of leadership I have purposed to ensure that the following takes place:

- Professional growth through workshops, talks, professional dinners and visit to areas where the products and services of meteorology are applicable such as aviation, energy, environment, insurance, marine, building and construction, training, transport, sports, water and public, industry and commerce

- Cultivation of a culture of community give back through environmental drives, projects

TOWARDS RESEARCH AND OPERATIONAL EXCELLENCE

and visit to children's home and the less fortunate.

-Fun! Fun! Fun! And more Fun! Through both educational trips and THE DINNER!!!

Great work indeed lies before us and I would urge you to continue supporting the association by renewing your membership, participating in our activities and criticizing the association in a constructive manner.

I take this moment to thank the entire department headed by Dr. Opere for the continued support since our term of leadership began the entire executive committee and the student fraternity.

I wish those currently in their long vacation a happy holiday!

A better N.U.M.A for all

Phoebe Shikuku

Chairperson 2013/2014.



The Jomo Kenyatta International Airport

Meteorology students visited the Jomo Kenyatta International Airport during the first quarter of this year.

I LOVE METEOROLOGY

By Miss Faith Kogo, Bsc. Student

I am a first year student in the University of Nairobi, pursuing a Bachelor of Science (Meteorology), and it's a pleasure to share the great experience I've had since I joined this great department. When I first heard about meteorology, I didn't know what it's all aboutActually I ever knew that there exist a course called meteorology, but after doing some research, I got to learn that there is so much more to meteorology than I ever knew. Some of the questions that rethought my mind as I did my research were:

- What is Meteorology?
- How is Meteorology relevant to the society?
- Why should I pursue Meteorology?

In my attempt to answer these questions, I learned that meteorology is a wide field of science that hasn't been explored fully.

The department of meteorology in the University of Nairobi has really helped me a lot in answering these questions. I thank the Nairobi University meteorological association (NUMA) for the efforts they made in helping us learn more about the

course .Through their care and support, I've been able to seek clarifications for issues that didn't know about Meteorology. For instance, this course deals with the study of the atmosphere (weather and climate), which affects various human activities such as; Tourism, transport and communication, sports and recreation and even the mode of dressing.

Courtesy of the association, we were also able to visit the Kenya Meteorological society, where we were taken around and shown the various departments in meteorology. It made me realize just how wide this course is.

I am motivated by the fact that in my pursuit of Meteorology, I will be able to solve environmental issues and help the society prepare for weather hazards.

I am proud to be associated with this wonderful and interesting course. I aspire to use it in impacting other people's lives and save the earth's bio-system.

Miss faith kogo

Meteorology student

University of n Nairobi

FUTURE METEOROLOGIST

By Lee, BSc. Meteorology Student.



Once in a while it is very interesting for one to get out of her comfort zone and just see what the world holds Out there or I can say "just live a little". Though some don't really consider such most of the time but it is really fascinating to do so, you get to explore the inner person in you.

If one could be asked what they want to study in future it is always be about medicine, engineering and all that. But we seem to forget what matters the most, the smallest branch of science that teaches us about the atmosphere, the earth and the sun "METEOROLOGY" which holds almost all the elements of life. For me it has definitely become a part of my life.

There is no other better place I would rather be than where I am now. The University of Nairobi, school of physical sciences and in one most amazing Department, the Department of meteorology. As a foreign student from South Africa, the warmth I

received is just over what I was expecting. From the staff to the older students, they just showed me that I am home away from home. Though there is one place where I found myself and recognized that I am totally in the right field. The NUMA which became my new family ever since I got to Kenya. Not only socially have they supported me but also academically as they made sure that every first year student gets all the resources needed to becoming the best.

So far we have already been on a field trip to the KENYA METEOROLOGICAL DEPARTMENT. Where we had the chance to see how we would be working in future and also the met. Application, we visited a met. Station and got the chance to learn all about the amazing tools we use in the field and we also had the opportunity of becoming members of the KENYA METEOROLOGICAL SOCIETY. This is a very big organization full of opportunities. All this I was able to know reach by the help of the NUMA. For me I am pleased with where I am.

Not only have I learned a lot, I have also had a lot of fun and expecting a lot more from the department, NUMA and myself. Now that I know that the prosperity of the association lies on me and each and every one of us. I have to do all I can for it to be seen by all. I would be totally unfair if I would not thank the department for making sure that I settle well and the members of NUMA. And to all those who made sure that I am where I am now and always supporting me. I say GOD bless.

There is a south African proverb that says "mo ja morago ke kgosi" meaning the last one to eat is a king... therefore lastly all the praises I give to "the Man upstairs" God for the protection, love and support. I am blessed to be the future meteorologist.

Philippians 4v13

"I can do all things through Christ who gives me strength "

STUDENTS LEARNING OPERATIONAL WORK AT THE JOMO KENYATTA INTERNATIONAL AIRPORT



UPCOMING PROGRAMMES

The Department Of Meteorology is in the process of offering the following new programmes:

- PHD-Climate Change
- BSc. Operational Hydrology
- Diploma in Fresh water Resource Management

THEMATIC AREAS, DEPARTMENT OF METEOROLOGY

(1). Physical and Environmental Processes



Prof. J.K. Nganga, Thematic Head

(3).Hydrology/Surface water Resources



Prof. F. Mutua, Thematic Head

Research collaborations



A visiting researcher from DELTARES

The Department was privileged to host Ms. Martha Sanchez (Above, right) from DELTARES

(2).Dynamic Meteorology and Weather prediction



Prof. J.M. Ininda, Thematic Head

(4).Aviation Meteorology



Dr. R.E. Okoola. Thematic Head

