

Ndulue Emeka Leonard

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EDUCATION

- (2013-2015) Masters of Engineering (Soil and Water Engineering)**
UNIVERSITY OF NIGERIA, NSUKKA
- (2005-2010) Bachelor of Engineering Degree in Agric. & Bioresources Engineering**
UNIVERSITY OF NIGERIA, NSUKKA
FIRST CLASS HONOURS (Best graduating student)
- (1998-2004) West African Examination Council**
4 Distinctions and 5 Credits
Hope Bay College, Lagos.

RELEVANT WORK EXPERIENCE

JULY 2015 – DATE LECTURER II

University of Nigeria, Nsukka

- Delivering lectures in the following courses: Design of soil and water conservation structures, Watershed Management, Environmental Hydrology, Principles of Irrigation and drainage, Design of Irrigation systems and Applied soil mechanics in ABE.
- Processing of undergraduates results at departmental level
- Invigilation and supervision of undergraduates during exam
- Departmental Librarian

OCT 2012 – JULY 2015 GRADUATE ASSISTANT

University of Nigeria, Nsukka

- Assist in the delivering tutorials in the following courses: Environmental Hydrology, Principles of Irrigation and drainage, and Applied soil mechanics in ABE.
- Processing of undergraduates results at departmental level
- Invigilation and supervision of undergraduates during exam

July 2011 – June 2012 NATIONAL YOUTH SERVICE SCHEME (NYSC)

Modibbo Adama University of Technology, Yola

- Assist in the lecture of Engineering Drawing (EG 205)
- Processing of departmental results and student's transcript to Senate for approval
- Invigilation and supervision of students during exam
- Assist in writing minutes during departmental Board meeting

June – Nov. 2009

Industrial Trainee

National Center for Energy Research and Development, UNN

- Design and Production of Biogas Digesters
- Testing and Production of Biogas
- Testing of Coal Briquettes
- Evaluation of Solar Dryers (Cabinet and Flat type solar dryers)

PERSONAL SKILLS

Team work: Part of the team that predicted the 2015& 2016 Annual flood outlook, for Nigeria organized by NIHSA (Nigeria Hydrological Services Agency)

Organizational/Managerial Skills: Financial secretary of the Education CDS group, Girei LGA, Adamawa state, responsible for the comprehensive financial upkeep, report and management of finances of the group and also raised the financial capacity of the CDS group

Computing Skills: ArcGIS, LaTEX, AUTO CAD, Microsoft Office suite (Word, Excel, Access and PowerPoint) etc.

Technical Skills: Developed knowledge and skills in lecturing, Knowledge transfer and Undergoing Research, Project management and execution

AWARD

-Best graduating student of the department of Agric. & Bioresources Engineering, 2009/2010 academic session

PUBLICATIONS

-**Ndulue, L.E.** and Mbajiorgu, C.C. (2016). Modeling climate and Land-use change impacts on the Hydrology of an Agricultural watershed using SWAT. Journal of Applied Science. Submitted for review

-**Ndulue, L.E.** Anyanwu, C.N., Mbajiorgu, C.C. and Ogwo, V. (2015). Agricultural wastes as potential energy resource in Nigeria: current status, prospects and constraints. IJEE. Submitted for review

-G. I. Ezenne, **E. L. Ndulue** and V. Ogwo (2014). Estimation of Runoff and Sediment Yield of Upper Ebonyi River Watershed Using *MWAGNPS*. Journal of Agric. Engineering Technology (JAET). Volume 22, No.4, pp159-165

- G. I. Ezenne, **E. L. Ndulue** and O. L. Yakubu (2014). Water Temperature Simulation of Owena River at Owena Dam Site Using *HEC-RAS*. Journal of Agric. Engineering Technology (JAET). Volume 22, No.2, pp131-138

-Anyadike, C.C and **Ndulue, L.E** (2011). Computer program for Predicting and Managing water quality parameters for Aquacultural production.WASJ Publication.

CONFERENCES

-**Ndulue, E.L.**, Mbajiorgu, C.C., Ogbu, K. and Ogwo, V. (2015). Impact of DEM resolution on watershed topographic indices and simulated hydrologic modeling results.6thNigerian Association of Hydrological science (NAHS) conference, Ahmadu Bello University, Zaria, Kaduna state, Nigeria.

-**Ndulue E.L**, Mbajiorgu, C.C., Ugwu, S.N., Ogwo, V. Ogbu, K. (2013). Evaluating the impacts of landuse change/cover on Runoff and Sediment yield using Hydrological models: A review. 5th Nigerian Association of Hydrological science (NAHS) conference, University of Nigeria, Nsukka

REFEEREES

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