

# UGWU SAMSON NNAEMEKA

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Department of Agricultural and Bioresources Engineering  
University of Nigeria, Nsukka.

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## PERSONAL DATA

Sex	Male
Local Government Area	Nsukka
State of Origin	Enugu
Marital Status	Single
Nationality	Nigerian
Languages	English and Igbo

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## CAREER OBJECTIVE

To be a responsive team Researcher, worker and builder with proper alignment to the visions and missions of any growth conscious organization while impacting my world positively through the required confidence, independence and resilience.

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## QUALIFICATION

University of Nigeria, Nsukka, Nigeria	2011-2013
Master of Engineering, Agricultural and Bioresources Engineering	
B.Eng (Hons) Agricultural and Bioresources Engineering	2004-2010
Second Class Honours (Upper Division) University of Nigeria, Nsukka.	
Senior Secondary School Certificate (SSCE) (with 9 Credits)	1996-2002
Boys' Secondary School Nru, Nsukka, Enugu State.	
First School Leaving Certificate	1991-1996
Community Primary School, Ihe-owerre, Nsukka, Enugu State.	

## ACADEMIC PRIZE

Certificate of Merit: Prize for the Best Final Year Student in the Department of Agricultural and Bioresources Engineering, University of Nigeria	2008/2009
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## MEMBERSHIP OF PROFESSIONAL BODIES

Member Nigerian Society of Engineers                      No. 39465

Member Nigerian Institution of Agricultural Engineers

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## LEADERSHIP EXPERIENCE

Financial Secretary Ogbozarra Development Union, Opi, Nsukka LGA	2014-date
Deputy National Coordinator Adada United Assembly, Enugu, Nigeria	2013-date
Speaker House of Representatives Students' Union Government University of Nigeria, Nsukka.	2008-2009

Parliamentary Head (senator #1) 2007-2009  
National Society of Black Engineers  
University of Nigeria, Nsukka Chapter.

#### **VOLUNTEERING**

- ✚ Millennium Development Goals' Awareness Creation 2011
- ✚ Registration officer and Presiding officer INEC 2011
- ✚ National Society of Black Engineers' A Walk for Education 2008
- ✚ National Population Census Enumerator 2006

#### **EXPERIENCE**

**Department of Agricultural and Bioresources Engineering** April, 2013 - Date  
**University of Nigeria, Nsukka, Nigeria**

##### **Lecturer II**

Researching and publishing and also teaching the following courses:

- ABE 326-Environmental Hydrology.
- ABE 341- Introduction to Structures and Environmental Control
- ABE 522-Rural Water supply and Sanitation
- ABE 543- Applied Biotechnology in waste Management
- ABE 512-Principles of Agro-industrial Management

**Department of Agricultural and Bioresources Engineering** Dec., 2011 – April, 2013  
**University of Nigeria, Nsukka, Nigeria**

##### **Graduate Assistant**

Assists in the teaching of the following courses:

- ABE 326-Environmental Hydrology.
- ABE 341- Introduction to Structures and Environmental Control
- ABE 522-Rural Water supply and Sanitation
- ABE 543- Applied Biotechnology in waste Management

**Raw material Research and Development Council, Abuja (Youth service)** 2010

##### **Technical Research Assistant in the Director General's Office**

- Initiated a Nationwide survey on the Status of Mechanisation in Nigeria
- Proof reading of articles and technical drafts.

Industrial Training with the Anambra Motor Manufacturing Company (ANAMMCO) 2008  
Emene, Enugu.

Computer teacher with Remex Communication Nigeria, 2002  
Hamza Abdul Way, Kubwa Abuja.

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#### **COMPUTER SKILLS**

Microsoft word  
Microsoft Excel  
Microsoft PowerPoint  
AutoCAD  
Corel Draw

#### **OTHER SKILLS**

Leadership and Management

Result-oriented and target-driven  
Good Communication Skills  
Logical and analytical  
Problem solving skill  
Team spirit  
Excellent Teaching Charisma

### **HOBBIES**

Research, Reading and listening to leadership talks.

### **PUBLICATION**

#### **Journal**

Emmanuel Amagu Echiegu, Ogochukwu Ruth Eya, **Samson Nnaemeka Ugwu** and Boniface Ugwuishiwu (2016) Evaluation of Effluent from the University of Nigeria, Nsukka Wastewater Treatment Plant for Irrigation Purposes. American Journal of Environmental Sciences 2016, (1183-AJES) DOI: 10.3844/ajessp.2016

**S.N. Ugwu**, B.O. Ugwuishiwu, O.V. Ekechukwu, H. Njoku, A.O. Ani. (2015). Design, construction, and evaluation of a mixed-mode solar kiln with black-painted pebble bed for timber seasoning in a tropical setting. Renewable and Sustainable Energy Reviews 41 (2015) 1404–1412.

Ndulue, E.L., C.C. Mbajiorgu, **S.N. Ugwu**, V. Ogwo and K.N. Ogbu (2015). Assessment of land use/cover impacts on runoff and sediment yield using hydrologic models: a review. Journal of Ecology and the Natural Environment, Vol. 7, No. 2, pp. 46-55.

BO Ugwuishiwu, **SN Ugwu** and CJ Ohagwu (2014). Analysis of Thermal Control in Animal Buildings: A Review. Afri. J. Agric. Sci. Technol. (2014) 2(3): 84-96

**Ugwu S N**, Anyadike C C, Echiegu E, Nwoke O A, Ugwuishiwu B. Influence of automobile industrial wastewater on soil quality. Int J Agric & Biol Eng, 2014; 7(6): 123 – 128.

#### **Conferences**

**Ugwu S.N** Anyadike C. C. Ugwuishiwu, B.O. and Ndulue E.(2014) Characteristics Automobile Industrial Wastewater and Its Impacts on Surrounding Water Quality. Proceedings of the International Conference of the Nigerian Institution of Agricultural Engineers. FUTA, Akure, Nigeria. pp80-84.

A. O. Ani, B. B. Uzoejinwa, A. O. Ezeama, **S. N. Ugwu**, C. J. Ohagwu and E. U. Odigboh (2014). Soil Bin Facility for Soil-machine Interaction Studies. *Proceedings of the International Soil Tillage Research Organization (ISTRO), Nigeria Chapter, held at Federal University of Technology Akure, 3-6 Novemeber, 2014*

**Ugwu S.N.** Ugwuishiwu, B.O. and Echiegu E.A.(2014) Proper Placement of Agricultural Engineers in Attainment of Nigeria's Agricultural Transformation Agenda: The Magic Wand. Proceedings of the International Conference of the Nigerian Institution of Agricultural Engineers. FUTA, Akure, Nigeria. Pp842-852.

Ndulue, L.E., **Ugwu, S.N.**, Ogwo, V., Ogbu, K. N. and Mbajiorgu, C.C.(2013)Evaluating the Impacts of Land Use/Cover on Runoff and Sediment Yield Using Hydrological Models: A Review. NAHS Proceedings, Vol. 5. Pp 238-244.

Uzoejinwa , B.B., Ugwuishiwu, B.O, Ohagwu, C. J., Nwakaire, J.N., Ani, A.O., **Ugwu, S.N.** (2013). Small-Scale Food Processing Enterprises: A catalyst for National Development in Food Processing Industries in Nigeria. Proceedings of Nigerian Society of Engineers (NSE), Abuja, October, 2013.

Ugwuishiwu, B.O., **Ugwu, S.N.**, Nwoke, O.A.(2013). Comparing Mechanical Properties of Virgin and Recycled High Density Polyethylene and Polyethylene Teraphalate Plastics. Proceedings of Nigeria Institution of Agricultural Engineers. Vol 34.

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## **REFEREES**

Engr. Dr. Ozoemena Ani  
Department of Agricultural and Bioresources Engineering  
University of Nigeria, Nsukka.  
08171580381

Engr. Dr. E. A. Echiegu  
Department of Agricultural and Bioresources Engineering  
University of Nigeria, Nsukka.  
08036779169