

# OGWO, VINTUS

Department of Agricultural and Bio-resources Engineering  
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## OBJECTIVE:

To bring a new dimension to my work environment, provide value added services and maximize my potential and productivity.

## ATTRIBUTES:

- Analytical and logical
- Innovative and synergetic
- Level headed and willing to learn
- Fundamental knowledge of engineering principles
- Fundamental knowledge of computer and application.

## PERSONAL DATA:

**Permanent Home Address:** Eziobodo Alachara Mgbowo, Awgu L. G. A. Enugu State.  
**Nationality:** Nigerian  
**Marital status:** Married  
**Date of Birth:** 22<sup>nd</sup> December, 1981  
**Sex:** Male  
**State of Origin:** Enugu

## EDUCATIONAL QUALIFICATIONS:

2013: M.Engr. (Soil and Water Engineering in Agricultural & Bioresources Engineering); University of Nigeria, Nsukka  
2005: B.Engr. (Agricultural & Bioresource Engineering); University of Nigeria, Nsukka, 2<sup>nd</sup> Class Upper  
1997: Senior Secondary certificate; Boys Secondary School, Nru, Nsukka.  
1991: First School Leaving Certificate; Community Primary School, Eziobodo Mgbowo, Awgu L.G.A.

## WORK EXPERIENCE:

**2013 – Date:** Dept. of Agric. & Bioresources Engineering, University of Nigeria, Nsukka. **Lecturer II**  
**Courses Taught:** Applied Hydraulics in ABE; Applied Soil Mechanics in ABE; Water Quality, Epidemiology & Environmental Chemistry;

Climatology & Meteorology in ABE; Design of Irrigation Systems; Soil and Water Conservation Engineering; and Design of Drainage Systems.

- 2011 – 2013:** Dept. of Agric. & Bioresources Engineering, University of Nigeria, Nsukka. **Graduate Assistant**
- Responsibilities:** Assist in teaching Applied Hydraulics in ABE; Applied Soil Mechanics in ABE; Water Quality, Epidemiology & Environmental Chemistry; Climatology & Meteorology in ABE; and Design of Irrigation Systems.
- 2009 - 2011:** Hillview Unique Secondary School, Edem-Nru, Nsukka. Physics Teacher
- 2008-2009:** Zain. Market developer, Orlu Zone Imo State.
- 2006-2007:** Government Girls Secondary School, Bagoma, Birnin Gwari, Kaduna State.  
NYSC
- 2004:** National Center for Energy Research and Development (NCERD), UNN.  
Industrial Trainee.

**OTHER EXPERIENCE:**

- 2006-2007:** Corps Liaison Officer (CLO), NYSC 2006/2007 'Batch A', Birnin Gwari L.G.A, Kaduna State.

**HOBBIES:** Scrabble, Reading, Soccer and music.

**PROFESSIONAL BODY AFFILIATED:** Nigerian Association of Hydrological Sciences (NAHS) Member; NAHS/0120

**RESEARCH SKILLS:** Soil Erosion, Water Quality Control, Hydrology, Watershed Management.

**PUBLICATIONS:**

**Journals:**

1. Okechukwu M.E., **V. Ogwo**, C.U. Onuegbu, C.C. Mbajorgu and G.I Ezenne. (2013). Water Quality Evaluation of Spring Waters in Nsukka, Nigeria. Nigerian Journal of Technology, 32(2): 233-240.
2. Anyadike, C.C., Akunne, I., Ugwuishiwu, B.O., Ajah, G.N., **Ogwo, V.I.** (2013) Remediation of Crude Oil-Polluted Soil with Lime. IOSR Journal of Engineering (IOSRJEN), 3 (10) 05-07.

3. Adegede A.P., K.N. Ogbu and **V. Ogwo** and C.C. Mbajiorgu. (2014). Comparison of ACRU and HEC-HMS Models in Runoff prediction in a Watershed, Southwest Nigeria. *Journal of Agricultural Engineering and Technology (JAET)*, 22(2): 88-96.
4. Ezenne, G.I., E.L. Ndulue and **V. Ogwo**. (2014) Estimation of Runoff and Sediment Yield of Upper Ebonyi River Watershed Using *MWAGNPS*. *Journal of Agricultural Engineering and Technology (JAET)*, 22(4): 159-165.
5. 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 Hydrological Models: A Review. *Journal of Ecology and the Natural Environment*, 7(2): 46-55.
6. Ogbu, K.N., E.L. Ndulue, **V. Ogwo** and C.C. Mbajiorgu. (2016). Development and Testing of a Capacitive Digital Soil Moisture Metre. *Nigerian Journal of Technology*, 35(3): 686-693.

#### **Conference Papers:**

7. **Ogwo, V.**, K.N. Ogbu, C.J. Okoye, M.E. Okechukwu and C.C. Mbajiorgu. (2012). Comparason of Soil Erosion Models for Application in the Humid Tropics. In: Martins O., Idowu O.A., Mbajiorgu C.C., Jimoh O.D. and Oluwasanya G.O. (eds), *Hydrology for Disaster Management*, Special Publication of the Nigerian Association of Hydrological Sciences. Pp. 266-278.
8. Okoye C.J., **V. Ogwo**, K.N. Ogbu, C.C. Mbajiorgu and k.E. Nwakor. (2013). Predicting Streamflow and Sediment Yield from the Upper Ebonyi River Watershed Using WEPP Model. In: Mbajiorgu, C.C., M.C. Obetta and C.N. Anyanwu. (eds.). *Water Resources and National Development. Proceedings of Nigerian Association of Hydrological Sciences (NAHS)*, Vol. 5, 230-237.
9. **Ogwo V.**, C.C. Mbajiorgu, K.N. Ogbu, C.J. Okoye and G.I. Ezenne. (2013). Prediction of Runoff and Sediment Yield from an Agricultural Watershed Using AnnAGNPS: A Case Study of Upper Ebonyi River Watershed, Enugu State. . In: Mbajiorgu, C.C., M.C. Obetta and C.N. Anyanwu. (eds.). *Water Resources and National Development. Proceedings of Nigerian Association of Hydrological Sciences (NAHS)*, Vol. 5, 263-277.
10. Ndulue, E.L., C.C. Mbajiorgu, K. Ogbu and **V. Ogwo**. (2015). Impact of DEM Resolution on Watershed Topographic Indices and Simulated Hydrologic Modeling Results. In: *Sustainable Water Management in a Changing Environment. Proceedings of Nigerian Association of Hydrological Sciences (NAHS)*, Vol. 6, 346-354.
11. **Ogwo, V.**, C.C. Mbajiorgu, E.L., Ndulue, K.N. Ogbu and C.C. Anyadike. (2015). Evaluation of Change in Critical Source Area Values on Simulated Runoff and Sediment Yield Using AnnAGNPS Model. In: *Sustainable Water Management in a Changing Environment. Proceedings of Nigerian Association of Hydrological Sciences (NAHS)*, Vol. 6, 364-371.

## **CONFERENCE ATTENDED:**

1. Nigerian Association of Hydrological Sciences 4<sup>th</sup> Annual Conference, Hydrology for Disaster Management, Abeokuta 2012.
2. Nigerian Association of Hydrological Sciences 5<sup>th</sup> Annual Conference, Water Resources and National Development, Nsukka 2013.
3. Nigerian Association of Hydrological Sciences 6<sup>th</sup> Annual Conference, Sustainable Water Management in a Changing Environment, ABU Zaria, 2015.

## **REFEREES:**

### **DR. A. O. ANI**

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### **DR. C. N. ANYANWU**

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### **PROFESSOR C.C. Mbajiorgu**

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