

CURRICULUM VITAE

1. BIO-DATA

NAME: Sunday Louis **EZECHA** (Engr. Dr.)

DATE OF BIRTH: 15th July 1961

PLACE OF BIRTH: Amechi Awkunanaw, Enugu-South L.G.A.

STATE OF ORIGIN: Enugu State

NATIONALITY: Nigerian

MARITAL STATUS: Married

PERM. HOME ADDRESS: The Ezeoha Family Home
Ndiagu Amechi-Uwani Awkunanaw
P.O. Box 3398, Enugu

CONTACT ADDRESS: Department of Agricultural & Bioresources Engineering
Faculty of Engineering
University of Nigeria, Nsukka.

E-MAIL ADDRESS: sunday.ezeoha@unn.edu.ng or louiezeoha@yahoo.com

2. EDUCATIONAL BACKGROUND

2016, Ph.D (Agricultural and Bioresources Engineering), University of Nigeria, Nsukka.

2000, M.Eng. (Agricultural Engineering), University of Nigeria, Nsukka (UNN), Nigeria.

1987, B.Eng. (Second Class Honours Upper Division), Agricultural Engineering, University of Nigeria, Nsukka (UNN), Nigeria.

1980, West African School Certificate (Grade One), Eke High School, Eke, Udi Local Government Area, Enugu State, Nigeria.

1975, First School Leaving Certificate, Community Primary School, Amechi Awkunanaw, Enugu- South L.G.A, Enugu State, Nigeria.

3. PROFESSIONAL AND ACADEMIC EXPERIENCE

Employer	Date	Post Held
Dept. of Agricultural & Bioresources Engineering University of Nigeria, Nsukka (UNN)	2013— date	Senior Lecturer
Dept. of Agricultural & Bioresources Engineering University of Nigeria, Nsukka (UNN)	2009— 2013	Lecturer I

Dept. of Agricultural & Bioresources Engineering University of Nigeria, Nsukka (UNN)	2005—2009	Lecturer II
Enugu-East Local Gov't. Dev. Centre Umuenwene Iji-Nike, Enugu State, Nigeria	April 2005- Dec.2005	Chief Engr. & HOD Works Dept.
Amankanu Local Gov't. Dev. Centre Idodo Court, Enugu State, Nigeria.	Sept.2003- Mar.2005	Chief Engr. & HOD Works Dept.
Uzouwani Local Government, Umulokpa Enugu State, Nigeria.	1997-2003	Asst. Chief Engr. & HOD Works Dept.
Nsukka Local Government, Nsukka Enugu State, Nigeria.	1991-1996	Senior Engr. Works Dept.
Igboetiti Local Government, Ogbede Enugu State, Nigeria.	1989-1991	Executive Engr. II Works Dept.
Noyik Nigeria Ltd. No.1A Ogbunike St. Enugu.	Oct.'88-Dec.'89	Prod. /Admin. Manager
Cross River Basin Dev. Authority Basin Town, Calabar, Cross River State.	1987-1988	Nat.Youth Service Corp.
Ministry of Agriculture, Engineering Division Enugu, Enugu State, Nigeria.	1986	Industrial Training Attachee
Former Anambra State Post-Primary Education Commission, Enugu, Nigeria.	1980-1982	Auxiliary Teacher

4. POSITIONS OF RESPONSIBILITY HELD

- (a) Town Engineer/HOD of Works Dept., Enugu-East Central L.G.D.C., Enugu State, Nig. (Apr.2005-Dec.2005)
- (b) Area Engineer/HOD of Works Dept., Amankanu L.G.D.C., Enugu State, Nig. (Sept.2003-Mar.2005)
- (c) Area Engineer/HOD of Works Dept., Uzouwani L.G.A., Enugu State, Nig. (1997-Aug.2003)
- (d) President, Agricultural Engineering Students Association (Irritrac), University of Nigeria, Nsukka. (1985-1986)
- (e) School Procurator, Eke High School, Eke; Udi L.G.A., Enugu State, Nigeria. (1978/79)

5. AREA OF RESEARCH AND DEVELOPMENT INTEREST

- Food and Bio-Process Engineering
 - Development of machines for processing of local crops
 - Farm Structures Development
 - Agricultural Wastes Management
 - Renewable Energy (Biomass and Solar Energy)
 - Agric. & Bioresources Mechanization Strategies and Systems

6. MEMBERSHIP OF PROFESSIONAL BODIES

- (a) Member, Nigerian Society of Agricultural Engineers (NSAE), now known as Nigerian Institution of Agricultural Engineers (NIAE)
- (b) Member, Nigerian Society of Engineers (NSE)
- (c) Member, American Society of Agricultural & Biological Engineers (ASABE)
- (d) COREN Regd.

7. PUBLICATIONS

(a) CHAPTERS IN BOOKS

1. **Ezeoha, S.L. 2009.** Processing and storage of agricultural products. In B.C. Echezona (Ed), *General Agriculture- Principles and Practices* (pp. 1 – 6). Faculty of Agriculture, University of Nigeria, Nsukka, Nigeria.
2. **Ezeoha, S.L. 2009.** Soil and water conservation engineering. In B.C. Echezona (Ed), *General Agriculture- Principles and Practices* (pp. 7 – 8). Faculty of Agriculture, University of Nigeria, Nsukka, Nigeria.

(b) JOURNAL ARTICLES.

1. **Ezeoha, S.L.** and Idike, F.I. **2007.** Biogas Production Potential of Cattle Paunch Manure. *Journal of Agricultural Engineering and Technology (JAET)*. 15: 25-31.
2. **Ezeoha, S.L.** and Idike, F.I. **2009.** Appraisal of the Pollution Potential of the Ogige Market Abattoir Wastes Effluent in Nsukka Urban. *Nigerian Journal of Research and Production (NIJOREP)*. 14 (1): 59-68.
3. **Ezeoha, S.L.,** C.C. Mbajiorgu and V.U. Obi. **2011.** Development of a digital densitometer. *Journal of Agricultural Engineering and Technology (JAET)*. 15: 25-31.
4. **Ezeoha, S.L.**and Ugwuishiwu, B.O. **2011.** Status of abattoir wastes research in Nigeria. *Nigerian Journal of Technology (NIJOTECH)*, Vol.30, Number 2, 2011, pp 143 – 148.
5. **Ezeoha, S.L.;** Akubuo, C.O. and Ani, A.O. **2012.** Indigenous design and manufacture of palm kernel oil screw press in Nigeria: problems and prospects. *International Journal of Applied Agricultural Research (IJAAR)*, 7(2): 67-82.
6. **Ezeoha, S.L.,** C.O. Akubuo and A.O. Ani. **2012.** Proposed average values of some engineering properties of palm kernels. *Nigerian Journal of Technology (NIJOTECH)*, Vol.31, Number 2, 2012, pp 167 – 173.
7. Anyanwu, C.N., Ibeto, C.N., Eze, I.S. and **Ezeoha, S.L. 2013.** Present and Prospective Energy Use Potentials of Selected Agricultural Wastes in Nigeria. *J. Renewable Sustainable Energy* 5,032703 (2013); doi:10.1063/1.4808046 **IF 0.961** (2015)
8. Nwakaire, J. N., **S.L. Ezeoha** and B.O. Ugwuishiwu. **2013.** Production of cellulosic ethanol from sawdust. *Agric Eng Int: CIGR Journal*, 15(3): 136 – 140. **SJR 0.175** (2012)
9. **S.L. Ezeoha** and J.N. Ezenwanne. **2013.** Production of Biodegradable Plastic Packaging Film from Cassava Starch. *IOSR Journal of Engineering (IOSRJEN)* 3(10) pp 14-20.

10. **S.L. Ezeoha** and C.O. Akubuo. **2014**. Classification and Engineering Properties of Unknown Variety of Oil Palm Kernels from Nigeria. IOSR Journal of Engineering (IOSRJEN) 4(8) pp 51-58.
11. Okey Francis Obi, **Sunday Louis Ezeoha** & Chidimma O. Egwu (**2015**): Evaluation of Air Oven Moisture Content Determination Procedures for Pearl Millet (*Pennisetum glaucum* L.), International Journal of Food Properties, DOI: 10.1080/10942912.2015.1038566 **IF 0.915** (2014)
12. C.N. Anyanwu, C.N. Ibeto, **S.L. Ezeoha**, N.J. Ogbuagu (**2015**): Sustainability of cassava (*Manihot esculenta* Crantz) as industrial feedstock, energy and food crop in Nigeria. Renewable Energy, Volume 81, p.745-752. **IF 3.476** (2014)
13. Okey Francis Obi, **Sunday Louis Ezeoha**, Ifeanyichukwu Christian Okorie (**2016**): Energetic performance of a top-lit updraft (TLUD) cookstove, Renewable Energy 99 (2016) 730 – 737. <http://dx.doi.org/10.1016/j.renene.2016.07.060> **IF 3.404** (2015)

(c) **CONFERENCE PAPERS**

- *1. **Ezeoha, S.L. 1999**. The Roles of Agricultural Engineers in Developing the Local Government Areas of Nigeria. Proceedings of the Annual Conference of the Nigerian Institution of Agricultural Engineers (NIAE) (21): 350-354.
- *2. **Ezeoha, S.L. 2008**. Global Food Crisis: A Challenge to Agricultural and Bioresources Engineers? Proceedings of the 1st Annual NIAE South-East Regional Conference held at Awka, Anambra State, Nigeria.
- *3. **Ezeoha, S.L.** and Akubuo, C.O. **2010**. A Terotechnology Maintenance Management Policy for Effective Maintenance of Agricultural Machinery and Equipment in Nigeria. Proceedings of the 2010 NIAE National Conference held at Olive Gate Hotels Enugu from 20th – 23rd October, 2010.
- *4. Nwakaire, J.N., **S.L. Ezeoha**, B.O. Ugwuishiwu, O.F. Obi, I.M. Jeremiah and B.B. Uzoejinwa. **2011**. Design and testing of an improved modified Fitch apparatus. Proceedings of the 32nd NIAE conference held at Ilorin, Nigeria.
- *5. **Ezeoha, S.L.**, Asoiro, F.U. and A. Ikejiofor. **2013**. Carrot Preservation by Vacuum Packaging Technique. Proceedings of the NIAE, Vol. 34, p. 375-382.
- *6. **Ezeoha, S.L.**, Asoiro, F.U. and I.G. Tobias. **2013**. Development of a Reflective Solar Cooker. Proceedings of the NIAE, Vol. 34, p.390-401.
- *7. Asoiro, F.U. and **Ezeoha, S.L. 2014**. Improving the quality of Nigerian rice. Proceedings of the NIAE, Vol. 35, p.211 - 219
- *8. **Ezeoha, S.L.** and Nwagugu, N.N. **2014**. Palm wine production, processing, and storage facts: A review. Proceedings of the NIAE, Vol. 35, p.341-345.
- *9. Dunu, C.I., **Ezeoha, S.L.** and Asoiro, F.U. **2014**. Development of a Low-Cost Automated Cabinet-Type Convection Oven. Proceedings of the NIAE, Vol. 35, p.258-270.

8. HOBBIES:

- (a) Spiritual Readings and Discussion
- (b) Drama

9. REFEREES:

1. **ENGR. PROF. C. O. AKUBUO**
Department of Agric. and Bioresources Engineering
Faculty of Engineering
University of Nigeria, Nsukka.

2. **ENGR. DR. E.A. ECHIEGU**
Department of Agric. and Bioresources Engineering
Faculty of Engineering
University of Nigeria, Nsukka.

3. **ENGR. S. A. UGWU**
Department. of Mechanical Engineering
Faculty of Engineering
University of Nigeria, Nsukka.