

Engr.Dr. (Mrs). Chinenye C. Anyadike

Dept. of Agric. & Bioresources Engineering

University of Nigeria, Nsukka

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RESUME

OBJECTIVE: To add value to both academic system and the society

**Dept. of Agricultural and Bioresources Engineering
University of Nigeria, Nsukka**

2005–till date

Senior Lecturer

Soil, Water Resources and Aquacultural Engineering

Green Fingers, Kaduna

1999 – 2000

Quality Control

- Reconditioning and maintenance of tractors, other diesel engines and implements
- Construction and farm mechanization
- Maintaining existing clients
- General admin duties

**Ministry of Agric. & Rural Development
Ado-Ekiti (NYSC)**

1998 – 1999

Maintenance Engineer

- Maintenance of diesel engines and implements
- Construction and farm mechanization

Green Fingers, Kaduna

1996

Trainee Engineer

- Reconditioning and maintenance of tractors, other diesel engines and implements
 - General admin duties
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EDUCATIONAL INSTITUTIONS AND QUALIFICATIONS

University of Nigeria, Nsukka (UNN)

2007 -2013

Ph.D. in Soil, Water & Aquacultural Engineering

University of Nigeria, Nsukka

2001 – 2004

Masters (M.Eng) in Soil and Water Conservation Engineering

University of Agriculture Makurdi

1991 – 1997

Bachelor of Engineering (B.Eng) in Agricultural Engineering
(Second Class Upper Division)

PUBLICATIONS

List of Journal Papers

1. Anyadike, C. C; F.I. Idike and G.O. Chukwuma. (2009). Effect of Field Slope, Mulch Rates and Rainfall Intensity on Runoff and Soil Loss in Owerri, Imo State. *Journal of Agricultural Engineering (JAET)*, 17(1) 58 - 63.
2. Anyanwu, C.N, Anyadike, C.C. Nwoke, O.O. and Chukwuma, G.O. (2010) Present and Prospective Roles of Irrigation in National Food Security in Nigeria. *International Journal of Applied Agricultural Research (IJAAR)*, 5(4), 455-466.
3. Anyadike, C.C, M. Eze and G.N. Ajah. (2010) Development of an Automatic Fish Feeder. *Journal of Agricultural Engineering and Technology (JAET)*, 18 (2), 29-36.
4. Anyadike, C.C, and E.L Ndulue. (2011) Computer Program for Predicting and Managing Water Quality Parameters for Aquacultural Production. *World Applied Sciences Journal* 15 (5): 717-721.
5. Anyadike, C.C, G.N. Ajah, C.C. Mbajiorgu. (2011) Automatic Time Regulator for Switching on an Aeration Device for Aquacultural Production Systems. *Nigerian Journal of Technology (NIJOTECH)*, 30 (3), 7-13.
6. Anyadike, C.C, S.C Duru and O.A Nwoke. (2011) Status of Aquacultural Mechanization in South East Nigeria. *Journal of Agricultural Engineering and Technology (JAET)*, 19 (1), 87-92.
7. Eziokwu, I.K. G.I Ezenne and C.C. Anyadike. (2012). Organic Carbon Content of Soil in the Watershed of Nsukka Campus, Nigeria. *Journal of Agricultural Engineering and Technology (JAET)*, 20 (1), 64 – 74.
8. Ozigbo, E., C. C Anyadike., F. Gbadebo., R. Okechukwu and P. Kolawole. (2013) Development of an Automatic Fish Feeder. *African Journal of Root and Tuber Crops (AJRTC)*, 10 (1), 27 – 32.
9. 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.
10. Anyadike, C.C. and B. O. Ugwuishiwu, (2013) Investigation of Water Quality in Waste Fed (Poultry Droppings) Catfish Production. *IOSR Journal of Engineering (IOSRJEN)*, 3 (10), 48-52.
11. Anyadike, C. C., Mbajiorgu, C.C. and Ajah, G.N. (2013) Prediction of The Physico-Chemical Interactions of Vimtim Stream Water Quality using the Aquatox Model. *IOSR Journal of Engineering (IOSRJEN)*, 3 (10) 01-06.

12. Ozigbo E, Anyadike C, Adegbite O and Kolawole P. (2014). Review of Aquaculture Production and Management in Nigeria. *American Journal of Experimental Agriculture* 4(10), SCIENCEDOMAIN international www.sciencedomain.org
13. Okey F. O, Anyadike C. C. and Onyeke, C. O. (2014) Moisture-Dependent Mechanical Properties Of Pigeon Pea Grown In Nigeria. *International Journal of Science, Environment and Technology*, Vol. 3, No 3, 2014, 966 – 975. ISSN 2278-3687 (O)
14. Okey F. O, Anyadike C. C. and Onyeke, C. O. (2014). Moisture-Dependent Physical Properties of Pigeon Pea Grown in Nigeria. *World Applied Sciences Journal* 31 (8): 1396-1405, 2014 ISSN 1818-4952 © IDOSI Publications,
15. Ugwu S. N, Anyadike C C, Echiegu E, Nwoke O A, Ugwuishiwu, B.O (2014). Influence of automobile industrial wastewater on soil quality. *Int J Agric & Biol Eng Open Access* at <http://www.ijabe.org> Vol. 7 No. 6 123
16. Anyadike C. C, Mbajiorgu C. C and Ajah G.N (2015). Aquacultural System Management Tool (AQUASMAT) I: Model Development. *Aquacultural Engineering* 69 (2015) 60–77
17. Anyadike, C.C, Mbajiorgu, C.C and Ajah, G. N (2016). Review of Aquacultural Production System Models. *Nigerian Journal of Technology (NIJOTECH)*, 35 (2),

List of Conference Papers

18. Ikpo, C and J.L.C. Ifem, (2005). Fuel Consumption of Tractors – Styer 768 & 8075 during Tillage Operations in Makurdi, Benue State. *Nigerian Institution of Agricultural Engineers (NIAE) Proceeding Yenegoa*, Vol. 27, 60 – 63.
19. Anyadike, C.C and C.C Mbajiorgu (2007). An Overview of **Aquatox** and Its Applications. *Nigerian Institution of Agricultural Engineers (NIAE) Proceeding*. Yola, 2007. Vol. 29, 306 – 316.
20. Anyadike, C.C; A.O .Ani and C.O. Akubuo (2009). The Potential Use of Agricultural and Agro-Industrial Waste Materials for Animal Feed Production. *Proceeding of 3rd International Conference of WASAE and 9th International Conference of NIAE, Ile – Ife, Nigeria*, 331 – 338.
21. Anyadike, C.C. (2009) Challenges and Opportunities for Sustainable Aquacultural Development in Nigeria. *Proceeding of 3rd International Conference of WASAE and 9th International Conference of NIAE, Ile – Ife, Nigeria*, 370 - 376
22. Anyadike, C.C. and C.C. Emeka-Chris (2009). The Need for Technological Development of Ricesh Culture in Nigeria. *Book of Abstracts of 2nd International Conference/workshop of NIAE South East Region Chapter, Abakiliki, Ebonyi State. December, 2009.*
23. Nwaorie, C. and C.C. Anyadike. (2009). Rice Husks Briquettes: An Alternative Fuel Source for Domestic Use. *Book of Abstracts of 2nd International Conference/workshop of NIAE South East Region Chapter, Abakiliki, Ebonyi State. December, 2009.*

24. Nwakaire, J.N., Ohagwu, C.J., O.A. Ani and Anyadike, C.C. 2009. ICT as a Policy Tool for Economic Emancipation in Nigeria. A paper presented at 2009 Nigerian Society of Engineers Conference, Owerri, Imo State, Nigeria. *NSE/HQ/COMM/96/VOL.1*
25. Nwakaire, J.N., Okafor, J.O., Anyadike, C.C., Nwoke, A.O. and Nebo, C.O. 2010. Production and Testing of Algae Biodiesel as an Alternative fuel for Diesel Engines in Nigeria. Federal University of Technology Alternative Energy 2010 International Conference, May 2010.
26. Onuoha, N., C.C. Anyadike, and A.O. Ani. (2010). Precision Agriculture: An Overview. Proceedings of 10th International Conference of NIAE, Enugu, Nigeria, 534 – 546.
27. Ani, A.O., F.O. Okwudiuche, C.C. Anyadike, N. Onuoha and B.B. Uzoejinwa. (2011) Applying the concepts of precision agriculture to tillage. Proceedings of International Soil Tillage Research Organisation (ISTRO), Ilorin, Nigeria. Pp 171 – 186.
28. Anyadike, C.C., C.C. Mbajiorgu and G.N. Ajah (2012). Water Quality Management in Aquacultural Production Using AQUASMAT. 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. 245-255.
29. Anyadike, C.C. and G.N. Ajah, (2012). Harnessing the Abundant Water Resources in Nigeria Through Large-Scale Aquaculture Establishment. A paper presented at 2012 Nigerian Society of Engineers Conference, Ilorin, Kwara State, Nigeria.
30. Nwoke, O.A., W.I Okonkwo, C.C Anyadike and E.C. Chukwuma (2013). Leachate Management and Treatment in Municipal Solid Waste Landfill. Proceedings of Nigerian Association of Hydrological Sciences (NAHS), Vol. 5, 104 -118.
31. Anyadike C. C., Onyia, M.N. and Mbunwe, M. J. 2014. Handling the Feed Challenges of Fish Farmers in Nigeria. A paper presented at the WE14+ICWES16 Conference held in Los Angeles, California USA from 23-25th October 2014.
32. Anyadike C.C and C.C Mbajiorgu (2015). Analytical and Managerial Capability of the Aquacultural System Management Tool in Modeling African Catfish Cultured in Static Tanks. A Poster paper presented at the Aquaculture 2015 Conference organized by Elsevier, held in Montpellier France from 23 – 26th August 2015.

ORGANISATION MEMBERSHIP/EXECUTIVE POSITIONS

1. Corporate Member, Nigerian Institution of Agricultural Engineers.
2. Corporate Member, Nigerian Society of Engineers (COREN REGISTERED)
3. Corporate Member, Association of Professional Women Engineers in Nigeria(APWEN)

4. Corporate Member, Nigerian Association of Hydrological Sciences (NAHS)
5. Member, Women in Science and Technology UNN Chapter
6. Member, Society of Women Engineers.
7. Staff Adviser:
 - Agricultural and Bioresources Engineering Students' Association(ABESA) 2006 - 2016
 - Association of Professional Women Engineers in Nigeria(APWEN) UNN Chapter (2011 – 2012)

Hobbies: Reading, chess, sports

Strengths: Result-oriented, self-driven, integrity and good analytical skills

PERSONAL DATA

Date of birth:	8 th February, 1974
Marital status:	Married
Sex:	Female
Nationality:	Nigerian
State:	Abia
Local Government:	Umuhahia-North

REFERENCES

Head of Dept. Department of Agric. & Bioresources Engineering, University of Nigeria, Nsukka	Engr. Prof. C.C. Mbajiorgu Department of Agric. & Bioresources Engineering, University of Nigeria, Nsukka	Engr. Prof. F. I. Idike Vice Chancellor Ebonyi State University
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