

1. Full name of the Department

Department of Soil Science (& Land Resources Management)

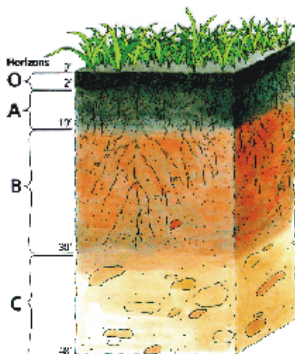
2. Driving Philosophy/Motto of Department

The philosophy of the Department of Soil Science programme generally centres on producing graduates that are well versed in the use and management of soil resources for sustainable agricultural production, environmental quality control and sustainability. The Department believes that rapid changes in scientific approaches to soil studies and environmental issues including climate change impact on land qualities and agricultural productivity can only be well addressed by adequate and enhanced university training in conservation and management of soils and land resources. Thus, the Department of Soil Science is currently on the course of formally modifying its name (to Department of Soil Science & Land Resources Management) and updating its academic programme.

The main objectives of the Department are to provide broad practical and theoretical training in the basic agricultural sciences and land management which are relevant in Nigeria in particular and the world at large, and to produce highly skilled graduates who have acquired the knowledge needed to meet the agricultural, developmental and environmental needs of Nigeria and beyond. The Departmental academic programme is developed based on the need to meet the nation's drive for increased food production, and effective transformation of agriculture as well as the promotion of sustainable use of soil, land and water resources. The programme aims specifically to: (i) produce graduates with skills in soil and land management for increasing the productivity of agricultural lands while maintaining sustainable environment, (ii) produce graduates well-versed in soil resources and water conservation techniques for sustainable land use and management, (iii) produce graduates with adequate knowledge and skills for research and development in soil and land management, environmental sustainability and quality control, (iv) produce graduates with adequate knowledge of remote sensing techniques and (v) produce graduates with theoretical and practical knowledge on the use of Global Positioning System (GPS) instruments in land management and climate change research.

The soil science and land management programme captures its three main roles in agricultural production, environmental studies and management of soil resources. The programme covers various aspects of land management, land evaluation, environment, geographic information system (GIS), climate and climate change issues, biogeography, forestry, and waste management. Other major courses covered in the programme are Pedology, Soil Genesis, Soil Survey, Classification and Evaluation, Soil Physics, Soil Chemistry, Mineralogy, Biology, Biochemistry, Soil and Water Conservation, and Fertility Management (agronomy).

3. Departmental Logo



4. Brief history of Department giving information of its headship from inception to date

The Department was formerly part of the Department of Plant/Soil Science from 1960 to the end of 1972/1973 academic session, and later became a full-fledged department in 1974. The degree B.Sc. (Plant/Soil Science) was awarded to its graduates by the University of Nigeria from 1960 to 1973. This was changed to B.Sc. (Soil Science) as from 1974. There was a change of curriculum in 1978 which saw the undergraduate education in Soil Science changing from a four-year programme to a five-year programme. Following this change, the University has been awarding undergraduate students of the department, on completion of their academic programme, the B.Agric. (Soil Science) Degree starting from those who graduated five years later, precisely in 1982. This new programme requires students from five of the departments in the Faculty of Agriculture (Agricultural Economics, Agricultural Extension, Animal Science, Crop Science and Soil Science) to offer a common mix of courses in the first three years of their programme, engage in a full year of practical farming during their fourth year and subsequently specialize in their individual field of study during the fifth/final year.

Postgraduate programmes offered by the department include: Postgraduate diploma in Soil and Water Management, Masters' and Ph.D. degrees. Areas of specialization for both undergraduate and postgraduate programmes include: Soil Physics and Conservation; Soil Biochemistry and Microbiology; Soil Chemistry and Fertility Management; Soil Genesis and Classification; and Soil Survey and Land Evaluation.

The department is currently in the process of changing its curriculum to include other aspects of environmental management. Hence, it hopes to be addressed as the Department of Soil Science and Land Resource Management.

Names of past Heads of Department

Prof. D.M. Ekpete (1974-1976)

Prof. W.O. Enwezor (1976-1984; 1986-1989)

Prof. I. Unamba-Opara (1984-1986; 1993-1996)

Prof. C.C. Mba (1992-1993)

Prof. N.N. Agbim (1989-1993)

Prof. F.O.R. Akamigbo (1996-2000)

Prof. J.S.C. Mbagwu (2000-2002)

Prof. M.E. Obi (2002-2005)

Prof. C.L.A. Asadu (Aug. 2005-Dec. 2005)

Prof. C.A. Igwe (2005-2008)

Prof. C.L.A. Asadu (2008-2013)

Dr. P.I. Ezeaku (2013-2015)

Dr. (Mrs) I.M. Uzoh (2015-2016)

Prof. C.L.A. Asadu (2016-date)

5. Approved postgraduate programmes/date of approval

- i. Postgraduate Diploma (PGD) in Land & Water Resources Management
- ii. Master of Science (MSc) in Soil Science
- iii. Doctor of Philosophy (PhD) in Soil Science

i. Academic Staff of Department with their qualifications and affiliations, including fellowship of academic and professional bodies and awarding institutions

1. Professor Frank O.R. Akamigbo



Born in 1944 in Mputu village of Ukpok town in the present Nnewi South LGArea of Anambra State. Prof. Frank Akamigbo entered secondary school in 1958 and came out in flying colours in 1962. His class followed the foundation class of Zixton Grammar School, Ozubulu. Higher school education was held at Hope Waddell Training Institute Calabar. In both secondary and higher school colleges, he won academic prizes as the best student of the class in the final examinations. He taught for 8 months in 1965 before joining the University of Ibadan to study Agriculture. At the end of the first year he won the University of Ibadan Scholarship to complete his degree on that scholarship. He transferred to the University of Nigeria, Nsukka as a result of the Nigerian civil war in 1966. At the end of the war, academic work resumed in 1970 and he graduated in 1971 in the then Department of Plant/Soil Science. He graduated top of his class and the only student with a second class upper division (2-1). Frank is a Professor of Pedology since 1992. He is a member of Agricultural Society of Nigeria, Remote Sensing Society of Nigeria, Association for the Advancement of Agricultural Sciences in Africa, International Society for Photogrammetry and Remote Sensing (ISPRS), Third World Association for Remote Sensing (TWARS), International Union of Soil Science as well as a fellow of the Soil Science Society of Nigeria (FSSN).

2. Prof. Martin E. Obi



Prof. M.E. Obi was born on 5th August, 1941 in Inyi, Oji River L.G.A. of Enugu State. He holds a B.Sc. Soil Science with first class from Michigan State University (1967), M.Sc. Agronomy (Soil Physics) from Pennsylvania State University (1970) and a Ph.D. Agronomy (Soil Physics) from the University of Maryland (1975).

He has a vast experience from working abroad and in Nigeria and has been working in University of Nigeria from 1976 till date. During this period he rose to the rank of professor of soil physics/ irrigation and drainage.

He has several publications in his area of research interest and has been involved in several feasibility studies for irrigation projects in Nigeria. He was at different times director, Anambra State Housing Development Corporation (1985-1986) and chairman, Governing Council, Institute of Management and Technology (1986-1988) and Anambra State Polytechnic, Oko (1989-1991). In addition, he was a USAID participant, an associate member of the International Centre for Theoretical Physics, Trieste, Italy (1988-1993) and was on the President's honour roll in both Western Illinois University and Michigan State University, USA. He is a life member of the Soil Science Society of Nigeria.

3. Prof. Charles L.A. Asadu



Born on June 22nd, 1957, Nsukka L.G.A. Professor Charles obtained his First School Leaving Certificate at Credit Level from Holy Redeemer Primary School Nru-Nsukka, Enugu State in 1972; West African School Certificate in Division 1 distinction from Isi-Enu Community Secondary School, Nsukka in 1977; B.Agric. (Soil Sci., First Class Hons. in 1982), MSc (1986) and PhD (1989) in Soil Science from the University of Nigeria, Nsukka(UNN); training certificates from the International Institute of Tropical Agriculture (IITA), Ibadan (1989),and Dresden University of Technology, Germany (2000). He was employed in UNN as a graduate assistant in 1983, and rose to the positions of lecturer II in 1987, lecturer I in 1990, senior lecturer 1993 and full Professor in 1999. He is a life member, Soil Science Society of Nigeria as well as a member of Agricultural Society of Nigeria, Nigerian Society of Remote Sensing, International Soil/Tillage Research Organizations, International Society of Tropical Root Crops, Nigerian Meteorological Society, New York Academy of Sciences, USA and International Union of Soil Science

4. Prof Charles A. Igwe



Charles Arizechukwu Igwe, a Professor of Soil Science was born at Awka, Anambra State, Nigeria on August 23, 1958. He holds a PhD, M.Sc. and B. Agric. degrees in Soil Science from University of Nigeria, Nsukka. He also obtained Postgraduate Diploma in Soil Science from Agricultural University, Norway, Ås. Charles was Visiting Researcher/Professor in universities located in Germany, Japan, Norway, Italy and France. He is an External Examiner and Professorial Assessor in many Nigerian and European Universities. Prof. Igwe's research focuses on the contributions of organic and mineral colloids in stability of tropical soils. He contributed significantly in the knowledge of stability of unstable tropical soils which undergo catastrophic soil erosion with intensive tropical rainfall. In the face of Global Climate Change, he expanded the scope of his research to include the "Carbon sequestration in tropical soils". He is a NORAD Fellow; Fellow of Alexander von Humboldt (AvH) Germany; Regular Associate, International Centre for Theoretical Physics, Trieste, Italy; Fellow, Japanese Society for Promotion of Science; Winner, University of Nigeria Vice-Chancellor's Faculty and University Prizes 1992/93; Listed in Marquis Who's Who in Science and Engineering; participant in German DAAD/DIES Deans Course 2009. Charles attracted scientific equipment donations to the University from AvH in 2001 and 2010. He is a two times recipient of Research Grant from Third World Academy of Sciences (TWAS). He is a member of International Society of Soil Science, Soil Science Society of Nigeria, Agricultural Society of Nigeria, Nigerian Society of Remote Sensing, New York Academy of Sciences, Soil Science Society of America, Japanese Society of Soil Science & Plant Nutrition.

5. Dr. Peter I. Ezeaku



Peter IkemefunaEzeaku was born on 30 Sept. 1967. He hails from Ezama-Umabor, Ehalumonah in Nsukka LGA, Enugu State. He obtained his PhD in Soil Survey & Land Use Planning from the University of Nigeria, Nsukka (UNN) in 2000; MSc (Soil Fertility Mgt) in 1993 (Enugu State Univ. of Sci. & Tech.); PGD (Land & Water Resource Mgt) in 1991 at UNN. His teachings and researches span across multicultural dimensions: Nigeria, Ethiopia, Ghana, Japan, and Italy. Previously, Peter taught and researched at Kogi State University, Anyigba and Nasarawa State University, Keffi, Nigeria. Between 2007 and 2009, he was an Assistant Professor of Land Use Planning and Coordinator of the Land and Real Estate Management Department in the Urban Land Management Master's Degree Programme (World Bank/UNDP/Federal Government of Ethiopia Assisted Capacity Strengthening Programme) at the Ethiopian Civil Service University, Addis Ababa, Ethiopia. In 2009, Peter was a visiting Fellow of United Nations University, Tokyo, Japan on 'The UN Systems: Pressing Issues and Sustainable Solutions' and 'Global Climate Change and Sustainability'. He was a 2013 Visiting Senior Research Fellow at the United Nations University/Institute for Natural Resources in Africa (UNU/INRA), University of Ghana, Legon, Accra, Ghana where he did some works in Climate Smart Agriculture, People-Land Interactions and Natural Resources Management. Currently, Peter is a visiting Regular Associate of Abdus Salam International Centre for Theoretical Physics, Trieste, Italy (2009-2016). He has participated in some international programmes at The Abdus Salam International Centre for Theoretical Physics (ICTP), Trieste, Italy. He is an external consultant (Agronomy and Farming Systems) to National Program for Food Security, Abuja, Nigeria.

Membership of professional bodies:

- Member, Soil Science Society of Nigeria (SSSN)
- Member, International Union of Soil Science (IUSS).

6. Mrs Ifeyinwa M. Uzoh



Uzohlfeyinwa Monica (Nee Okpara), a PhD holder in Soil Fertility and Microbiology is a lecturer in the Department of Soil Science, University of Nigeria, Nsukka for over 12 years. She was born to the family of Late Nze Raymond of Umuoru village, Uga in Aguata LGA of Anambra State in 1972. Her professional experience spans agricultural Sciences, Soil Sciences, Soil Fertility and Water Management, Soil Microbiology and Soil Conservation. She had PhD fellowship award with International Institute of Tropical Agriculture, Ibadan in 2006. She was also grant award winner of International Foundation for Science 2012 collaborative research. She has attended several conferences, workshops and trainings both locally and internationally.

Membership of professional bodies:

- President, Int. Assoc. of Research Scholars and Fellows, IITA, Ibadan, Nigeria 2008-2009.
- Member, African Biotech
- Member, Soil Science Society of Nigeria.
- Member, International Union of Soil Science
- Member, Agricultural Science Society of Nigeria.

7. Dr. Sunday E. Obalum



Born on 5th June, 1977 at Isinyi Nando in the present Anambra East LGA of Anambra State, Sunday Ewele Obalum attended Community Secondary School, Nando and St. Charles Special Science School, Onitsha, both in Anambra State. He obtained B.Agric. (Soil Science) and MSc (Soil Physics & Conservation) degrees in September 2004 and August 2009, respectively from the University of Nigeria, Nsukka (UNN), both in flying colours. He was awarded the prestigious Japanese Government (Monbukagakusho:MEXT) Scholarship for his doctoral studies and obtained his PhD (Soil & Water Conservation & Mgt.) degree from Kinki University (Kindai), Japan in March 2013. Following from his performance as the best

graduating student in the bachelor's degree of Department of Soil Science of UNN in 2004, Dr S.E. Obalum was first offered the position of Graduate Assistant in the Department in May 2007. He is currently on the rank of Senior Lecturer in the services of UNN. His area of interest in Soil Science is Soil Physics & Hydrology and he is very passionate about soil and agronomic research. He is interested in soil and water conservation/management as applied to both the broader fields of agronomic production and protection of the environment. Dr Obalum was once a research fellow of the TWAS-DFG Cooperation Visit to Germany, meant for postdoctoral researchers from sub-Saharan Africa. He is an approved supervisor for postgraduate (MSc and PhD) studies in UNN.

Membership of professional bodies:

- Life Member, Soil Science Society of Nigeria
- Member, Japanese Society of Soil Science & Plant Nutrition
- Member, Soil Science Society of America
- Member, International Union of Soil Sciences

8. Dr. (Mrs) Chinyere B. Obika



Born on 12th Dec. 1979, Obika C.B. holds a Bachelor of Agriculture Degree in Soil Science from the University of Nigeria, Nsukka (UNN) where she was the best graduate student in her class of 2005. This quality of hers made the Department to retain her as a Graduate Assistant in 2007. She obtained a Master of Science Degree in Soil Science (Soil Chemistry and Conservation) from UNN with a GPA of 5.00 on a scale of 5.00 in 2010. She was then appointed an Assistant Lecturer in the Department of Soil Science, UNN. In that same year, Obika got a fellowship under the Alliance for a Green Revolution in Africa (AGRA) to study PhD in Soil Science (Soil Fertility) at Kwame Nkrumah University of Science & Technology (KNUST), Kumasi Ghana. She graduated and was awarded PhD degree in 2014. Obika C.B. is also a recipient of the prestigious African Women in Agricultural Research and Development (AWARD) fellowship (2014 to 2016). Dr (Mrs) Obika has published papers in Soil Science discipline and has contributed papers/posters to conference proceedings of international standard.

Membership of professional bodies:

- The African Network for Soil Biology and Fertility (AfNet) 2011
- Humboldt Club (2013)
- Organization for Women in Science for the Developing World (OWSDW) 2014
- Soil Science Society of Nigeria (SSSN) 2015
- Soil Science Society of America (SSSA) 2015

- Crop Science Society of America (CSSA) 2015
- Agronomy Society of America (ASA) 2015

9. Mr. Benedict O. Unagwu



Mr. Unagwu, B.O. had his secondary school at Ezianya High School in 1999. He proceeded to the University of Nigeria, Nsukka where he obtained his first degree in 2008 with first class honours in the Department of Soil Science. In 2012, he served as the secretary to the Faculty of Agriculture Handbook Committee. In 2013, he obtained his MSc in Soil Fertility and Conservation at University of Nigeria, Nsukka. He has written conference and journals papers. Currently, he is a PhD researcher in Cranfield University, Bedfordshire, England.

Membership of professional bodies:

- Member, International Union of Soil Science (IUSS)
- Member, Soil Science Society of Nigeria (SSSN)
- Member, Nigerian Institute of Management (MNIM)

10. Mr. Vincent C. Azuka



Azuka, Chukwuebuka Vincent hails from Uruokwe-EgbemaOzubulu in Ekwusigo LGA of Anambra State. He has worked briefly (Oct. 2008 – Feb. 2009) in secondary education settings in Anambra State and at the University of Calabar, Cross River State (Mar. 2009–Feb. 2010) as a Corps member before joining the University of Nigeria, Nsukka (UNN). He graduated from UNN in 2008 with First Class Honours Degree (B.Agric.) in Soil Science where he emerged the best graduating student at both departmental and faculty level. He obtained M.Sc. Degree in Soil Physics and Conservation in 2013. He is currently enrolled in the Doctoral program of the West African Science Service Centre on Climate Change and Adapted Land Use (WASCAL) sponsored by German Ministry Science and Education (BMBS), Bonn. He is also a visiting researcher at the Centre for Development Research

(ZEF), University of Bonn, Germany. His research interests include soil physics and conservation, soil and water management and hydrology, particularly in Nigeria and other West African regions. He has published a few papers in both local and international journals.

Membership of professional bodies:

- Member International Union of Soil Science (IUSS)
- Member Soil Science Society of Nigeria (SSSN)
- Member New York Academy of Sciences (NYAS)
- Member Nigerian Institute of Management (MNIM)

11. Mr. Jude Ene



Ene Jude enrolled for a 5-year B.Agric. degree programme in Soil Science in the Department of Soil Science, University of Nigeria, Nsukka (UNN) in 2003. He completed the B.Agric. programme in August 2008 in First Class Honours and left for Rivers State in March 2009 for one-year compulsory National Youth Service Corps (NYSC) programme. He assumed the position of Graduate Assistant in the Department of Soil Science, UNN in February 2010. He completed an MSc programme in Soil Physics and Conservation at UNN in February 2014 in First Class Honours grade of the University. He has participated in some conferences, symposia, workshops and skill acquisition training programmes both nationally and internationally and has made presentations on soil and soil-related themes in his area of research strength. He has also published some of his research works in journals. He was promoted to the cadre of Assistant Lecturer with effect from February 2014. Currently, he is a PhD researcher in Cranfield University, Bedfordshire, England.

Membership of professional bodies:

- Member, Soil Science Society of Nigeria (SSSN)
- Member, International Union of Soil Science (IUSS)

12. Mrs. Grace U. Chibuike



Chibuikwe, G.U. is a lecturer in the Department of Soil Science, University of Nigeria, Nsukka (UNN). She obtained her first degree (B. Agric. Soil Science) in 2010 from UNN, graduating with First Class Honours. Her Master's degree (M.Sc. Soils and Environmental Pollution) was obtained in 2013 from the University of Reading, UK where she graduated with Distinction. Chibuikwe, G.U. is a recipient of "The Felix Scholarship" award 2012. Her research interests include soil microbiology, soil fertility and environmental management. She is particularly interested in how soil microbes (especially mycorrhizal associations) can be harnessed for soil remediation and soil fertility management. She is equally interested in how soil amendments (such as biochar) affect the activities of soil microorganisms and hence soil fertility. She has also published articles in both local and international journals

Membership of professional bodies:

- Member, Soil Science Society of Nigeria (SSSN)
- Member, International Union of Soil Science (IUSS)

13. Miss Ifeoma G. Edeh



Edeh, Ifeoma G. is a lecturer in the Department of Soil Science, University of Nigeria, Nsukka (UNN). She obtained her first degree (B. Agric. Soil Science) in 2011 from UNN, graduating as the best student in the Department. Her Master's degree (MSc Soil Physics & Conservation) was obtained in 2016 from UNN where she graduated with Distinction. Her research interests include soil physics, soil conservation and environmental management. She has also published articles in both local and international journals.

Membership of professional bodies:

- Member, Soil Science Society of Nigeria (SSSN)
- Member, International Union of Soil Science (IUSS)

ii. **Postgraduate Experience**

a. **No. of PGDs, M.Sc, Ph.D graduated since inception of Postgraduate Studies in the Department.**

Year	PGD	MSc	PhD
1980	1		1
1981		1	
1982		1	
1983		1	1
1984			
1985			1
1986		6	
1987			
1988		2	
1989		3	1
1990		1	
1991	9	1	
1992	15		
1993	3		
1994	10	4	1
1995	6	4	
1996	1	6	
1997	1	1	1
1998	1	7	
2000	1		1
2001		1	
2002	2		
2003			
2004		3	
2006		1	1
2007		1	

2008		2	3
2009		2	2
2010	1		1
2011			1
2012		1	
2013		3	3
2014		4	2
2015		4	2
2016		3	3

b. List of approved postgraduate supervisors with titles and affiliations

- i. Postgraduate Diploma (PGD)
- ii. Masters (MSc)
- iii. Doctor of Philosophy (PhD)

PROFESSORS

F.O.R. Akamigbo; Pedology, Survey and
Classification;
B.Sc. (Nig.), Ph.D. (Reading), Land Evaluation and Environmental
Science
PGD (Enschede) Remote Sensing Technique

M.E. Obi; Soil Physics; Soil & Water
B.Sc. (Michigan), M.Sc. (Pennsylvania), Management & Conservation
Ph.D. (Maryland)

C.L.A. Asadu; Soil Resources Management; Soil
Agronomy
B. Agric., M.Sc., Ph.D. (Nig.)

C.A. Igwe; Pedology, Soil Conservation
B. Agric., M.Sc. (Nig.),
PGD (As. Norway), Ph.D. (Nig.)

NON-PROFESSORS

P.I. Ezeaku; Soil Survey & Land Use
Planning
M.Sc., Ph.D. (Nig.)

I.M. Uzoh;
B. Agric., M.Sc., Ph.D. (Nig.)

Soil Microbiology & Fertility

S.E. Obalum;
B. Agric., M.Sc. (Nig.),
Ph.D. (Kindai-Japan)

Soil Physics & Hydrology;
Soil & Water Conservation/Management

iii. **Statement of competencies/skills acquirable at the end of postgraduate studies in the Department**

Postgraduate studies and research in the Department of Soil Science aim at deepening the students' understanding and knowledge of the specific areas within the discipline; equipping the students with professional competences required to serve in agricultural institution, government industry, research institution, university etc.; and developing research skills in students, and teaching them to apply the acquired skills in a multi-disciplinary approach towards finding solution to agricultural soil and environment-related problems. In Nigeria, many of the agricultural production problems are related to soil condition. The postgraduate programmes of the Department are designed to increase the candidate's knowledge of soil and thus develop the intellectual and professional competences necessary for the student to make a career in research, teaching, industry and agriculture. The postgraduate diploma (PGD) programme in Land & Water Resources Management aims at producing well-qualified professionals who have the competence to identify (in the field) soil-related constraints to various uses to which land can be put. The Master of Science (MSc) and Doctor of Philosophy (PhD) degree programmes train professionally qualified individuals who can assume leadership position in government, non-governmental organizations, related international organizations, research institutions, and tertiary educational establishments.

iv. **Some pictures of activities undertaken by the Department**

v. **Any distinguished Grand Alumnus of your Department**

Prof. V.C. Chude

Chude, Victor Okechukwu is the Head, Agricultural Productivity Enhancement, National Programme for Food Security (NPFS). He obtained his first degree in June 1976, from the Department of Plant/Soil Science, University of Nigeria. He subsequently obtained his MSc

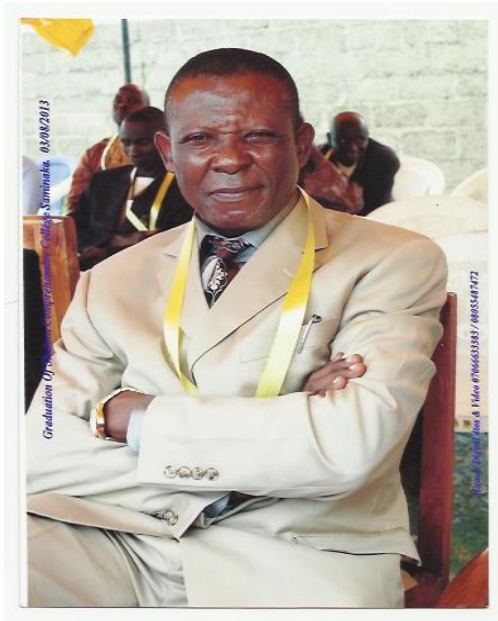
and PhD degrees from the University of Ibadan in 1980 and 1983, respectively. Special Field of Interest: Plant Nutrition and Soil Fertility Management. Academic Distinction/Special Awards: Academic Meritorious Certificate, UNN, 1976; Cash award as the Best Graduated of Soil Science Department, University of Nigeria, Nsukka, 1975/76 Session; Joint Recipient (with E.N.O. Iwuafor and I. Amapu) of the Scientific, Technical and Research Commission, Organization of African Unity (OAU) Research Service Award, 1991. Current Postal Address: National Programme for Food Security, Federal Ministry of Agriculture and Water Resources, 127 Adetokumbo Ademola Crescent, Wuse 2, Abuja.

Prof. U.C. Amalu



Amalu, Uche C. is a Professor in the Department of Soil Science, Faculty of Agriculture and Forestry, University of Calabar, Calabar, Nigeria. He obtained his first degree (in 1980) from the Department of Soil Science, University of Nigeria, Nsukka. E-mail: ucamalu@yahoo.co.uk Phone number: +234 803 545 8641. Special Achievements/Awards: Anambra State Scholarship Award for Higher Education 1975 – 1980; University of Nigeria Foundation Scholarship 1976 -1977; Nigeria Institute for Oil Palm Research Training Scholarship 1982 – 1988; Research Award 2002 for Sustainable Agriculture (Merit Award) – *Schweisfurth Foundation/Support Africa International*, Germany; Research Award 2004 for Sustainable Agriculture (Main Award) – *Schweisfurth Foundation/Support Africa International*, Germany; Research Award 2007 for Inclusive Education (Main Award) – Support Africa International, Germany/VIVAT, Italy.

Prof. A.C. Odunze



Professor ODUNZE AzubuikeChidowe joined the services of Ahmadu Bello University, Zaria as a Graduate Assistant in 1981 and rose to the rank of Research Professor in 2009. He has successfully conducted several natural resource management research projects at the Institute for Agricultural Research/Ahmadu Bello University and with several collaborating international organizations. He won the '2003 Neville Clarke Award' conveyed to him by International livestock Research Institute (ILRI). International Institutes. He has collaborated in research project execution with International Institute of Tropical Agriculture (IITA), International Centre for Insect Physiology and Ecology (ICIPE) Kenya, Overseas Development Institute (ODI), Department for International Development (DFID-UK), Silsoe Research Institute (UK), International Fertilizer Development Center -Africa (IFDC-Lome) and International Livestock Research Institute (ILRI). He served as a Visiting Scientist at the Institute of Subtropical Agriculture, The Chinese Academy of Sciences, Changsha, China in 2011 with a Research Fellowship award from TWAS-UNESCO. He also teaches several Soil Science related courses at both undergraduate and post graduate levels. Prof. ODUNZE AzubuikeChidowe has also successfully supervised several Postgraduate (PhD and M.Sc.) and B.Sc. Student's thesis. He was the Leader/Head, 'Farming Systems Research and Extension Services Programme' (2009-2013) at the Institute for Agricultural Research, Ahmadu Bello University, Zaria Nigeria. Prof. ODUNZE was awarded one-year sabbatical leave served at the Federal University of Technology Minna, Nigeria, where he also taught 'Soil and Water Conservation/Land use' related courses and supervised undergraduate and postgraduate students at both the 'School of Agriculture and Agricultural Technology' and the 'West African Science Services Center on Climate Change and Adapted Land use' of Geography Department.

Professor ODUNZE is a seasoned, competent and committed Senior Soil Scientist whose work has continued to address investigation of soils for their properties and potentials, soil related problems, conserving and improving natural resource base for sustainable crop and livestock production, for enhanced small-holder farmer income and rural poverty alleviation, as well as land use- climate related issues for sustainable agricultural production and environmental protection. He has over 81 publications in reputable peer reviewed international scientific journals (42), books (6 book chapters) and conference proceedings (33) across United States of America, Helsinki Finland, Pakistan, The Netherlands, Brisbane Australia, Hungary, Canada, Britain, Germany, Vienna Austria, Africa and Nigeria. He also has 24 technical reports and 22 seminar publications to his credit. His contribution to the world of science has earned him citation in the prestigious United States of America 'Marquis Who's Who in Science and Engineering 7th Edition, International Scientist (2003 & 2004), Leading

Scientist-2005 and Man of the Year-2005 by International Bibliography center Cambridge England, and American Bibliography Institute North California respectively.

Professor ODUNZE belongs to the following learned societies: Soil Science Society of Nigeria (SSSN), International Union of Soil Science (IUSS), International Soil Tillage Research Organization (ISTRO), European Society for Soil Conservation (ESSC) and International Soil Conservation Organization (ISCO) and has successfully played leadership roles in many offices/capacities.

Prof. O.N. Nnannaya (nee IbeEnwo)

Nnannaya, OtiNnenna is a Professor of Soil Science and Environmental Conservation in the Department of Soil Science and Technology, Federal University of Technology, Owerri, Imo State. E-mail: ogeriibeenwo@yahoo.com Phone number: +234 803 670 7074. She obtained her first degree from the Department of Soil Science, University of Nigeria, graduating with First Class Hons. Her other qualifications include: MSc (UNN); PGD (Belgium); PhD (FUTO, Owerri). Academic Awards: She has enjoyed a number of academic awards for excellence which includes, Imo State Government Scholarship 1977, Federal Government Merit Award 1978, Best Graduating Student of the Faculty of Agriculture 1982, European Economic Community Scholarship for developing countries 1986, World Bank grant for over sea development of academic staff 1996, and a onetime nominee for Rockefeller foundation supported grant to Association of African Universities. She is a recipient of Federal University of Technology Staff Scholarship for Ph.D. studies. She is also a recipient of National Universities Commission, National Doctoral Thesis Award Scheme (NUDTAS) for best Ph.D. in Nigeria in the year 2002. Nnenna is a renowned public speaker for State Government, Independent Corrupt Practices and related offences Commission (ICPC), Gender Institutions, Youths and Religious interest groups.

Prof. M.A.N. Anikwe



Prof. Martin A. N. Anikwe is an agronomist specializing in Soil Physics and Conservation. He attended St. Vincent's Secondary School Agbogugu, College of Agriculture Umudike, Enugu State University of Science and Technology (ESUT), and University of Nigeria, Nsukka where he crowned his academic pursuit with a Ph.D. in 2000. He taught for several years in the department of Agronomy and Ecological Management ESUT where he served severally as Head of Department and later director of ESUT Consultancy Unit. He rose to the rank of Professor of Soil Science in 2007. He has also served as visiting lecturer and later visiting professor at Cross River University of Technology. Martin has published some books and contributed in numerous local and international scientific organizations. He has attended

the College of Soil Physics at the Abdus Salam International Centre for Theoretical Physics in Trieste, Italy and has visited several countries. Prof. Anikwe was recently appointed to serve in the Enugu State Executive Council as Commissioner for Agriculture and Natural Resources.

Prof. P.C. Nnabude

Professor Peter ChinedumNnabude has been involved in *Teaching and Research in Soil Science (Soil and Water Conservation and Management)* since 1987. He obtained his M.Sc. and Ph.D. in 1986 and 1995 respectively from the University of Nigeria, Nsukka. He obtained further training in *Advanced Soil Management and Irrigation Practice* at the Institute of Soil and Water, Bet-Dagan, Israel as well as *Advanced Soil Physics* from the ICTP, Trieste Italy.

His University career commenced in 1990 at the Anambra State University of Science and Technology (ASUTECH) Abakaliki campus where he was appointed Lecturer I in the Department of Soil Science and Survey. He has since risen to the rank of a Professor.

Apart from his routine teaching and research duties, Professor Nnabude has been involved in a number of Research and Agricultural projects at local, national and international levels and has to his credit over 40 publications in reputable journals and workshop papers. He has travelled extensively in connection with research in Soil Science and Agricultural Projects and has participated and held Associateship positions at the Abdus Salam International Center for Theoretical Physics (ICTP) Italy, the Third World Academy of Science (TWAS) Italy, Institute of Agronomy (IAC) Brazil as an associate Visiting Scientist and the Institute for Soil and Water, Bet-Dagan, Israel for advanced training in irrigation and soil management.

Professor Nnabude has held several administrative positions most of which were based on popular mandate through highly competitive elections. He has served as the pioneer Co-ordinator for Pre-Med, Akwa Campus; Head, Department of Botany; Dean, Faculty of Natural Sciences, School of Postgraduate Studies and pioneer, Dean Faculty of Agriculture and Biotechnology of NnamdiAzikiwe University.

Prof. E.T. Eshett

Eshett, Ebong Thomas is a Professor of Soil Science at the Federal University of Technology, Owerri, Imo State. He obtained his first degree (B. Agric. in Soil Science) from the University of Nigeria, Nsukka in 1975. His M.Sc. and Ph.D. degrees were obtained from the University of Ibadan. Special Achievements/Awards: Award of excellence in academics by AkwaIbom State Community in Owerri; Fellow of Centre for Democratic Institute of Administration (FCDIA), Lagos; Distinguished service award by the Society of Agronomy Students of FUTO; Merit award by Holiness Students Association; Gold award by the Times News 2006 Developmental Achievers in Nigeria.