

CURRICULUM VITAE



1. PERSONAL DATA

Name: Prof. Akobundu Nwanosike AMADI

Sex: Male

Date of Birth: 4th April, 1976

Place of Birth: Umuezom-Umuekwune

Nationality: Nigerian

State of Origin: Imo, Nigeria

Local Government Area: Ngor-Okpala

Marital Status: Married

Number of Children: Four

Languages Spoken: Igbo, English (Very Good); Hausa (Fair)

Permanent Home Address: Amadix House, Umuezom-Umuekwune, Ngor-Okpala, Off Aba-Owerri Road, Imo State

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Google Scholar: Citations @ 30th December, 2023 = 2031
h-index @ 30th December, 2023 = 24
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ResearchGate: Research Interest Score @ 30th December, 2023 = 1,785
Citations @ 30th December 2023 = 1,825
h-index @ 30th December, 2023 = 25

Area of Specialization: Hydrogeology, Engineering Geology, Environmental Geology, Hydrogeophysics, Geochemistry, Medical Geology, Environmental Impact Assessment

Research Interests: Water Quality Monitoring, Soil Quality Characterization, Nexus between Groundwater and Human Health, Climate Change and Water Resources Management, Groundwater Potential Studies, Borehole Drilling and Pumping Tests

EDUCATIONAL INSTITUTIONS ATTENDED/QUALIFICATIONS
(In chronological order)

S/No	Institutions Attended	Dates	Qualifications (With Class of Degree)
1	Community Primary School, Umuekwune	1982–1988	FSLC
2	Comprehensive Secondary School, Umuekwune	1989–1994	SSCE
3	Federal University of Technology, Minna	1999–2004	BSc/BTech (2 nd Class Upper Div.)
4	Federal University of Technology, Minna	2005–2007	MSc/MTech (Distinction)
5	Federal University of Technology, Minna	2009–2014	PhD

3. WORK EXPERIENCE/CAREER PROGRESSION
(In chronological order)

S/No	Name of Organization	Date	Positions Held/Rank
1	Dammes Associate Nig. LTD (NYSC)	2004 – 2005	Site Geologist
2	Federal University of Technology, Minna	2005 – 2008	Assistant Lecturer
3	Federal University of Technology, Minna	2008 – 2011	Lecturer II
4	Federal University of Technology, Minna	2011 – 2014	Lecturer I
5	Federal University of Technology, Minna	2014 – 2017	Senior Lecturer
6	Ibrahim Badamasi Babangida University, Lapai (Sabbatical)	2015 – 2016	Senior Lecturer
7	Federal University of Technology, Minna	2017 – 2020	Associate Professor
8	Federal University of Technology, Minna	2020 – date	Professor
9	Visiting Professor of Hydrogeology and Environmental Geology, Department of Geology & Petroleum Studies, Makerere University, Kampala, Uganda	2024	Professor

4. STUDENTS/MANPOWER DEVELOPMENT

4.1 Teaching Responsibility

4.1.1 UNDERGRADUATE COURSES:

S/No	Course Title	Course Code	Credit Units	Session(s)
1	Geological Map Interpretation	GEL 213	2	2016 – 2019
2	Introduction to Petrology	GEL 221	2	2016 – date
3	Geological Mapping (Fieldwork)	GEL 322	2	2007 – date
4	Igneous Petrology	GEL 312	2	2006 – date
5	Structural Geology	GEL 315	2	2008 – date

6	Geological Mapping (Fieldwork)	GEL 418	2	2008 – date
7	Hydrogeology	GEL 412	3	2008 – date
8	Sedimentary Environments and Basin Analysis	GEL 524	3	2014 – 2022
9	Applied Hydrogeology	GEL 526	3	2008 – 2019
10	Seminar Project	GEL 510	2	2006 – date
11	Research Project	GEL 520	6	2006 – date
Sabbatical at IBB University, Lapai				
12	Introduction to Structural Geology and Map Interpretation	GLG 201	3	2015/2016
13	Introduction to Geophysics	GLG 210	2	2015/2016
14	Global Tectonics	GLG 313	2	2015/2016
15	Entrepreneurial Geology	GLG 402	2	2015/2016
16	Marine Geology	GLG 404	2	2015/2016
17	Applied Geophysics	GLG 405	2	2015/2016
18	Basin Analysis	GLG 408	2	2015/2016
19	Photogeology and Remote Sensing	GLG 411	2	2015/2016
20	Seminar in Geology	GLG 413	3	2015/2016
21	Field Geology III	GLG 417	2	2015/2016
22	Research Project	GLG 420	6	2015/2016

4.1.2 POSTGRADUATE COURSES: (MTech)

S/No	Course Title	Course Code	Credit Units	Session(s)
1	Advanced Structural Geology	GEL 814	3	2010 – Date
2	Groundwater Flow Theory	GEL 816	2	2010 – Date
3	Hydrogeological Environment	GEL 830	2	2010 – 2019
4	Environmental Geology and Water Quality	GEL 821	3	2012 – Date
5	Environmental Geochemistry	GEL 851	3	2020 – Date
6	Environmental Impact Assessment	GEL 860	3	2017 – Date
7	Pollution Control and Environmental Remediation	GEL 863	2	2017 – Date
8	Masters Seminar Supervision	GEL 810	2	2014 – Date
9	Masters Fieldwork	GEL 811	2	2014 – Date
10	Masters Thesis Supervision	GEL 820	6	2014 – Date
11	Ph.D Thesis Supervision			2014 – Date
Sabbatical at IBB University, Lapai				
PGD in Water Resources and Environmental Management				
10	Hydrology and Water Resources	GEO 606	2	2015/2016
MSc in Water Resources and Environmental Management				
11	Hydrology and Water Resources	GEO 706	2	2015/2016

12	Aquifer Systems	GEO 707	2	2015/2016
13	Water Chemistry and Health	GEO 726	2	2015/2016
14	Geography and Geology of Nigeria and Africa	GEO 732	2	2015/2016
Intra-Africa Academic Mobility Scheme with the African Water Resources Mobility Network (AWaRMN) at Makerere Unversity, Kampala, Uganda				
15	Introduction to Hydrogeology	GLO 2211	3	2023/2024
16	Groundwater Quality	GLO 3207	3	2023/2024

4.2 PROJECT/THESIS SUPERVISION

4.2.1 UNDERGRADUATE PROJECTS (within the last 4 sessions)

S/No	Number of Students	Session(S)
1	11	2020/2021
2	09	2021/2022
3	10	2022/2023
4	12	2023/2024

4.2.2 POSTGRADUATE PROJECTS/THESIS

MSc/MTech

S/No	Name of Student	Reg Number	Title of Thesis/Desertation	Session	Remark
1	AMEH, Igoche Mark	MTech/ SNAS/ 2012/3961	Integrated Geoscience Investigations Requisite for Designing a Sanitary Landfill System in Minna, Northcentral Nigeria	2015/2016	Completed Major-Supervisor
2	MUSA Aisha	MTech/ SNAS/ 2013/4380	Hydrogeochemical Investigation of Surface and Groundwater Quality around Anguwan Maigiru area of Niger State, North-central Nigeria	2016/2017	Completed Major-Supervisor
3	EBIEME, Essang Essang	MTech/ SNAS/ 2013/4676	Pollution levels in Soil, Stream Sediment, Surface and Groundwater in Madaka Area, Niger State, North-central Nigeria	2016/2017	Completed Major-Supervisor
4	MUHAMMED, Omeiza	MTech/ SNAS/	Hydrogeochemical Assessment of Surface and Groundwater	2016/2017	Completed Major-

	Nurudeen	2013/4537	Quality in Gussoro, Niger State, North-central Nigeria		Supervisor
5	OLUSHOLA, Boluwade Moses	MTech/SPS/ 2014/4940	Evaluation of Groundwater in Gotomo, Kebbi State, Northwestern Nigeria using Geochemical and Geophysical Methods	2017/2018	Completed Major-Supervisor
6	UMORU, Titi Abdulasisi	MTech/SPS/ 2014/5025	Hydrogeochemical Assessment of Groundwater Quality in Auchi and its Environs	2017/2018	Completed Major-Supervisor
7	EGHAREVBA, Jerome Kingsley	MTech/SPS/ 2014/5258	Assessment of the Impact of Artisanal Gold Mining on the Groundwater Quality in Galadima Kogo, Niger State	2017/2018	Completed Major-Supervisor
8	MOMOHJIMO H, Ojo	MTech/SPS/ 2014/5260	Hydrogeochemical Evaluation of Surface and Groundwater Quality around Itakpe, North-central Nigeria	2017/2018	Completed Major-Supervisor
9	IGBOMOR Benjamin	MTech/SPS/ 2016/6311	Investigation of Groundwater Quality in parts of Onitsha, Southeastern Nigeria	2018/2019	Completed Major-Supervisor
10	FOLORUNSHO, Owolabi Wahab	MTech/SPS/ 2017/7353	Evaluation of Geological Materials with Plastic Additives for the Production of Pavement Blocks: A Case Study of Offa, North-central Nigeria	2019/2020	Completed Major-Supervisor
11	OKOLO, Samson Ikenna	MTech/SPS/ 2017/6694	Assessment of Selected Gully Erosion Sites in Bida Town, North-central Nigeria using Integrated Geoscience Techniques	2019/2020	Completed Major-Supervisor
12	IBRAHIM, Habib Adamu	MTech/SPS/ 2018/8164	Pollution Levels in Soils, Stream Sediments, Surface and Groundwater in Kwank-Walawa Fadama, North-western Nigeria	2019/2020	Completed Major-Supervisor
13	OLU-OJO, Bolade M.	MTech/SPS/ 2018/7764	Quality Assessment of Stream Sediment and Surface Water in Gwagwalada Gold Mining Sites, North-Central Nigeria	2019/2020	Completed Major-Supervisor
14	RUFAI, Hafis	MTech/	Impact of Industrialization on	2019/2020	Completed

		SPS/ 2019/10442	the Groundwater Quality in Kakuri Area of Kaduna State, Northwestern Nigeria		Major- Supervisor
15	PAUL Nelson Manase Okot	MTech/ SPS/ 2021/11297	Evaluation of Groundwater Potential using Geospatial and Geophysical Techniques in parts of Obbo and Magwi, Eastern Equatoria State, South Sudan The candidate is from South Sudan, under the African Water Resources Mobility Network (AWaRMN), Intra-Africa Academic Mobility Scheme sponsored by European Union	2021/2022	Completed Major- Supervisor
16	ILUNGA Dady Stephane Nyembwe	MTech/ SPS/ 2021/12375	Evaluation of Aquifer Hydraulic Properties from Resistivity and Pumping Test Data in parts of Gwagwalada, North-central Nigeria The candidate is from Democratic Republic of Congo, under the African Water Resources Mobility Network (AWaRMN), Intra-Africa Academic Mobility Scheme sponsored by European Union	2021/2022	Completed Major- Supervisor
17	OKEZIE, Chinedozie Ihemtuge	MTech/ SPS/ 2019/11037	Assessment of the Geotechnical Properties of the Subsoil in parts of Gwagwalada Abuja, for Foundation Design and Construction	2019/2020	Completed Major- Supervisor
18	FARUNA, Joshua Enemona	MTech/ SPS/ 2021/11381	Evaluation of Groundwater Quality from Hand-dug wells in Kwankwashe, North-central Nigeria	2022/2023	On-going Major- Supervisor

S/No	NAME OF STUDENT	REG. NO	THESIS TITLE	SESSION	REMARK
1	OKANLAWON, Michael Olawale	PhD/SNAS/ 2012/459	Investigation of Heavy Metal Contaminant pathway in Kawo and Maigiro Mining Fields, North-central Nigeria	2017/2018	Completed Co-Supervisor
2	AMEH, Igoche Mark	PhD/SPS/ 2016/854	Geological and Hydrogeophysical Investigation of Groundwater Systems in Otukpo and its Environs, North-central Nigeria	2019/2020	Completed Major-Supervisor
3	SULE, Tunde Usman Nurudeen	PhD Reg. No. P98971 PhD Student at National University of Malaysia	Environmental Impact of Mineral and Industrial Rocks Mining on Surface and Groundwater Quality around Ikpeshi and Environs, Southern Nigeria	2020/2021	Ongoing Co-Supervisor
4	UMORU, Titi Abdulasisi	PhD/SPS/ FT/ 2021/11486	Assessment of Water Balance of Orle River Catchment in Edo State, Nigeria for Sustainable Surface and Groundwater Resources Management in a Changing Climate	2021/2022	Ongoing Major-Supervisor
5	MASPALMA, Samson Stanley	PhD/SPS/ FT/ 2021/11740	Assessment of Naturally Occurring Radioactive Materials in Rocks, Soils, Groundwater and Plants in Mika and Mayolope Areas, North-Eastern Nigeria	2021/2022	Ongoing Major-Supervisor
6	DANUNG, Istifanus John	PhD/SPS/FT/ 2021/11342	Spatio-Temporal Evaluation of Groundwater Potentials in Jos Plateau, Nigeria	2021/2022	Ongoing Major-Supervisor
7	EKUNDAYO, Oluwatoni Oluwaseun	PhD/SPS/FT/ 2021/11999	Impact of Climate Variability on Groundwater Recharge in Minna, Niger State, Nigeria	2021/2022	Ongoing Major-Supervisor
8	OMOYAJOWO, Busoye Thomas	PhD/SPS/	Hydrogeochemical Assessment of Soil and	2022/2023	Ongoing

		FT/ 2022/12779	Groundwater around Ijero-Aramoko Pegmatite Field, Southwest Nigeria		Major-Supervisor
9	IBRAHIM, Habib Adamu	PhD/SPS/ FT/ 2022/12780	Hydrogeochemical Evaluation of Groundwater Quality in parts of Sokoto Basin, Northwestern Nigeria	2022/2023	Ongoing Major-Supervisor
10	MUSA, Aisha	PhD/SPS/FT/ 2022/12781	Assessment of the Aquifer Systems in part of Lafia, Northcentral Nigeria	2022/2023	Ongoing Major-Supervisor

5. ADMINISTRATIVE RESPONSIBILITIES

DEPARTMENT:

S/No	TYPE OF RESPONSIBILITY	SESSION(S)
1	SIWES Coordinator	2006 – 2013
2	Time Table Officer	2006 – 2013
3	Turnitin Officer	2012 – 2015
4	Internal Examiner for: i. KATUN, Mohammed Jiya (MTech/SSSE/2010/2350) ii. SABO, Sani (MTech/SSSE/2010/2613) iii. MASPALMA, Samson Stanley (MTech/SSSE/2010/2734) iv. LAWAL, Musa Bazza (MTech/SSSE/2010/2731)	2013/2014
5	Member: Department of Geology Postgraduate Board	2013 – date
6	Internal Examiner for: ANCHO, Isah Moses (MTech/SNAS/2012/3616)	2014/2015
7	Internal Assessor for PhD Proposal defense of MOHAMMED, Laminga Mohammed (PhD/SNAS/2013/516)	2014/2015
8	Fieldwork Coordinator	2016 – 2023
9	Internal Examiner for: i. GBAKO, Shekwoduzo (MTech/SPS/2014/4880) ii. CHIA, Ronald Aondosoo (MTech/SPS/2014/5268)	2016/2017
10	Member, Committee for Environmental Geology as a Postgraduate Program in the Department of Geology, FUT-Minna	2016/2017
11	Internal Examiner for: AGHWADJE, Akpevwe (MTech/SPS/2015/5396)	2017/2018
12	Internal Examiner for: i. ALIM, Jamin Alao (MTech/SPS/2016/6255) i. HARUNA, Ismaila (MTech/SPS/2016/6294)	2018/2019
13	Member, Departmental NUC Accreditation Committee	2018/2019
14	Internal Examiner for: i ZAKARI Mohammed Sani (MTech/SPS/2017/6725) ii YOHANNA, Agatha Butack (MTech/SPS/2017/6880)	2019/2020

15	Member, Committee for Engineering Geology as a Postgraduate Program in the Department of Geology, FUT-Minna	2019/2020
16	Internal Examiner for: UMAR, Mohammed Umar (PhD/SPS/2015/822)	2021/2022
17	Internal Examiner for: i BUBA, Wilson Mbore (MTech/SPS/2018/8437) ii ADEDAYO, Samuel (MTech/SPS/2018/7881)	2022/2023
18	Member, Departmental Committee on NUC-CCMAS-30% Geology Programme Syllabus Composition/Modification	2022/2023
Sabbatical at IBB University, Lapai		
19	Acting HOD, Department of Geology and Mining, IBB University, Lapai	2015/2016
20	Chairman, Investigation Committee on Students Misconduct during 2015/2016 Fieldwork	2015/2016

SCHOOL

S/No	TYPE OF RESPONSIBILITY	SESSION(S)
1	SIWES Coordinator, School of Physical Sciences	2014 – 2015
2	Turnitin Advicer, School of Physical Sciences	2014 – 2015
3	Turnitin Adviser, School of Natural and Applied Sciences	2013 – 2014
4	Deputy SIWES Coordinator, School of Natural and Applied Sciences	2012 – 2014
5	Board Member, School of Science and Science Education	2005 – 2011
6	Board Member, School of Natural and Applied Sciences	2011 – 2014
7	Board Member, School of Physical Sciences	2014 – Date
8	Member, School of Physical Sciences Biennial International Conference Committee	2020 – Date
Sabbatical at IBB University, Lapai		
8	Acting Dean, Faculty of Applied Sciences and Technology, IBB University Lapai	2015/2016
9	Chairman, Faculty Examination Misconduct Investigation Committee	2015/2016
10	Chairman, Faculty Examination Results Consideration Committee	2015/2016

UNIVERSITY:

S/No	TYPE OF RESPONSIBILITY	SESSION(S)
1	Postgraduate Representative at the PhD Oral Research Proposal defense for MUHAMMAD, Abdullahi Tyabo (PhD/SEET/2015/660)	2016/2017
2	Postgraduate Representative at the PhD Oral Research Proposal defense for YUSUF, Tanko Usman (PhD/SPS/2015/770)	2016/2017
3	Postgraduate Representative at the PhD Oral Research Proposal defense for ISAH, Nwaha Abdul (PhD/SEET/2017/921)	2017/2018
4	Postgraduate Representative at the PhD Oral Research Proposal defense for SHITTU, Hammed Olarewaju (PhD/2018/9302)	2018/2019

5	Postgraduate Representative at the PhD Oral/External Examination for MUHAMMAD, Abdullahi Tyabo (PhD/SEET/2015/660)	2021/2022
6	Postgraduate Representative at the PhD Oral/External Examination for MADAKI, Josephine Akenosi (PhD/SPS/2016/947)	2021/2022

6. COMMUNITY AND SPECIAL SERVICES

6.1 Community Services within the University

DEPARTMENT

S/No	TYPE OF COMMUNITY SERVICE	SESSION(S)
1	Donation of Books (Electronic and Hardcopies)	2012/2013
2	Donation of Topo Maps (Electronic and Hardcopies)	2013/2014
3	Complimentary copies of <i>Essential of Structural Geology</i> and <i>Fundamentals of Plate Tectonics</i> Textbooks to All Geology Staff	2014/2015

SCHOOL

S/NO	TYPE OF COMMUNITY SERVICE	SESSION(S)
1	LOC Member, School of Physical Science Biennial International Conference	2019 – date

UNIVERSITY:

S/NO	TYPE OF COMMUNITY SERVICE	SESSION(S)
1	Member, Committee that Investigated a Case of Theft of Compaq Laptop Computer at Biology Laboratory, Bosso Campus	2018/2019
2	Member, University Ceremony Committee	2021/2022
3	Chairman, University Project Commissioning Committee	2021/2022

6.2 COMMUNITY SERVICES OUTSIDE THE UNIVERSITY

S/No	TYPE OF COMMUNITY SERVICE	YEAR
1	Member, NUC Ad-Hoc Accreditation Panel to Evaluate Geology	2023

	Programme at Ebonyi State University, Abakiliki, Ebonyi State	
2	Member, NUC Ad-Hoc Accreditation Panel to Evaluate Geology Programme at Gregory University, Uturu, Abia State	2023
3	NUC Resource Person on Verification Visit to Proposed Undergraduate Programme in Michael Okpara University of Agriculture, Umudike, Abia State	2023
4	Member, Local Organizing Committee and Chairman, Venue and Accommodation for the Nigerian Association for Engineering Geology and the Environment held in Minna (NAEGE-Minna-Conference)	2023
5	INEC Collation Officer for Iku-South-1 Ward Collation Centre, Mandalla, Suleja Local Government Area for Presidential, National Assembly (Senate and House of Representative), Governorship and State House of Assembly Elections	2023
6	Chairman, NUC Ad-Hoc Accreditation Panel to Evaluate Geology Programme at Yobe State University, Damaturu, Yobe State	2022
7	Consultant Geologist/Hydrogeologist, Gwagwalada Independent Power Plant Project, Gwagwalada, Abuja	2022
8	Consultant Geologist/Hydrogeologist, African Medical Centre of Excellence, Plot 32, Cadastral Zone C-22, Phase 3, Abuja	2022
9	Member, NUC Ad-Hoc Accreditation Panel to Evaluate Geology Programme at Skyline University of Nigeria, Kano	2021
10	Member, NUC Ad-Hoc Accreditation Panel to Evaluate Geology Programme at Kano University of Science and Technology, Wudil	2021
11	Chairman, Skill Acquisition Training Program organized by Mountain of Fire and Miracle Ministries (MFM), North-central 4 Regional Headquarters, Minna, Niger State	2021
12	Facilitator, National Open University of Nigeria, Minna Study Centre under Environmental Sciences	2020
13	NUC Resource Person on Verification Exercise for Proposed Postgraduate Programmes at Al-Hikmah University Ilorin, Kwara State	2019
14	Member, NUC Ad-Hoc Accreditation Panel to Evaluate Geology Programme at Gombe State University, Gombe	2019
15	Chairman, Technical Session on Hydrogeology, Annual International Conference of the Ghana Institution of Geoscientists, held at University of Mines and Technology, Tarkwa, Ghana between 13 th – 16 th August, 2019.	2019
16	Discussant, Panel Discussion on the Topic: Job Market for Geoscientist: The role of Ghana Institution of Geoscientists, 2 nd Plenary Session of the Annual International Conference of the Ghana Institution of Geoscientists, at University of Mines and Technology (UMaT), Tarkwa, Ghana.	2019
17	Chairman, Technical Session on Environment, 1 st Faculty of Natural Sciences Annual Conference (FONSAC 2019), IBB University, Lapai	2019
18	CMT- Chairman, Grace Nation International (aka Liberation City), Minna Branch	2018 – 2020
19	Secretary, Local Organizing Committee, Nigerian Association of Hydrogeologist (Minna-NAH-2018) held at Legbo Kutiti International Conference Centre Minna	2018

20	Vice Chairman, Nigerian Association of Hydrogeologist (NAH), Minna Chapter	2017 – 2023
21	Chairman, Technical Session on Environment, Energy and Sustainable Development at the International Conference on Education, Development and Innovation (INCEDI-2016) in Accra, Ghana	2016
22	Chairman, Technical Session on Sustainable Groundwater Development at the 7 th International Conference and Annual General Meeting of Nigeria Association Hydrological Sciences held at FUT-Minna	2016
23	Chairman, Technical Session on Sanitation, Water Policy and Legislation at the 7 th International Conference and Annual General Meeting of Nigeria Association Hydrological Sciences, held at FUT-Minna	2016
24	Member, Conference Organizing Committee, 7 th International Conference and Annual General Meeting of Nigeria Association Hydrological Sciences, tagged ‘Minna 2016’ held at FUT-Minna	2016
25	Donation of Books to Department of Geology and Mining, Ibrahim Badamasi Babangida University, Lapai	2015
26	External Monitoring Officer, National Examination Council (NECO)	2015
27	Chairman, Nigerian Mining and Geosciences Society (NMGS), Minna Chapter	2014 – 2023
28	General Secretary, Nigerian Mining and Geosciences Society (NMGS), Niger State Chapter	2008 – 2014
29	Vice Chairman, Igbo Staff Association (ISA), Federal University of Technology, Minna	2014 – 2018
30	Financial Secretary, Igbo Staff Association (ISA), Federal University of Technology, Minna	2009 – 2015
31	Member, Local Organizing Committee of the of the 25 th Annual International Conference of Nigerian Association of Hydrogeologist	2013
32	Member, Local organizing committee of the 47 th Annual International Conference of Nigerian Mining and Geosciences Society	2011
33	Team Member, Preliminary investigation of reported occurrence of Earth Tremor at Lumpma Village, Paiko Local Government Area, Niger State	2011

7. CONSULTANCY SERVICES

S/No	TYPE OF CONSULTANCY SERVICES	YEAR
1	Consultant Hydrogeologist, Pioneer GeoServices Limited	2020 – date
2	Consultant Geologist, PIOS-Geophysical Services Limited	2014 – date
3	Consultant Hydrogeologist, DAMMES Associates Limited	2010 – date

8. EXTERNAL EXAMINERSHIP/ACADEMIC SUPPORT SERVICES

S/No	DEPARTMENT AND INSTITUTION	STATUS (OND/HND/ BTech/PhD etc)	YEAR
	External Examiner to Department of Earth	PhD	2023

	Sciences, University of Ghana, Legon, Accra, Ghana from 2020 to date	ASARE Roland Candidate ID: 10640670	
	External Examiner to Department of Earth Sciences, University of Ghana, Legon, Accra, Ghana from 2020 to date	PhD George Yamoah Afrifa Candidate ID: 10362774	2022
1	External Examiner to Department of Earth Sciences, University of Ghana, Legon, Accra, Ghana from 2020 to date	PhD OBED Fiifi Fynn Candidate ID: 10397249	2021
2	External Examiner to Department of Earth Sciences, University of Ghana, Legon, Accra, Ghana from 2020 to date	PhD NYARKO Delaiah Antwi Candidate ID (10703628)	2020
3	Visiting Lecturer to Department of Geology, Federal University Dutsin-Ma, Katsina State from 2020 to 2021	BSc Undergraduate	2021
4	Visiting Lecturer to Department of Geology, IBB University Lapai, Niger State from 2017 to 2020	BSc Undergraduate	2019

9. EDITORIAL/ACADEMIC SUPPORT SERVICES (EDITORSHIP, MANUSCRIPT REVIEW ETC)

S/N	TYPE OF SERVICE	(TITLE OF JOURNAL/BIBLIOGRAPHY/ PROCEEDINGS ETC)	YEAR
1	Reviewer	Journal of Information, Education, Science and Technology	2013 – date
2	Reviewer	Environmental Technology and Science Journal	2014 – date
3	Reviewer	Lapai Journal of Science and Technology	2015 – date
4	Reviewer	Ilorin Journal of Science	2016 – date
5	Reviewer	Nigerian Journal of Hydrological Sciences	2016 – date
6	Reviewer	Water Resources: Journal of Nigerian Association of Hydrogeologist	2016 – date
7	Reviewer	Minna Journal of Geosciences	2016 – date
8	Reviewer	Journal of Foods, Natural and Life Sciences	2017 – date
9	Reviewer	Nigerian Mining Journal	2018 – date
10	Reviewer	Journal of the Chemical Society of Nigeria	2018 – date
11	Reviewer	Journal of Mining and Geology (Nigerian Mining and Geosciences Society-NMGS-Journal)	2021 – date
12	Reviewer	Ife Journal of Science	2022 – date
13	Member	Editorial Board, Journal of Disaster Risk Management, FUT-Minna	2015 – date
14	Member	Editorial Board, Minna Journal of Geosciences	2016 – date
15	Managing Editor	Minna Journal of Geosciences	2020 – date

10. NATIONAL/INTERNATIONAL AWARD/PRIZES

S/NO	TYPE OF AWARD/PRIZE	YEAR
1	Chief J. O. Olowu/Nigerian Association of Hydrogeologist (NAH) 2008 Award for the best MSc/MTech Thesis in Hydrogeology in Nigerian Universities	2008
2	Fellow, Strategic Institute for Natural Resources and Human Development	2012
3	Award of Excellence by the Nigerian Mining and Geosciences Society, Ibrahim Badamasi Babangida University, Lapai (NMGS-IBBUL-Chapter)	2016
4	World Championship Award in Geosciences (Groundwater Quality) https://sites.google.com/site/worldchampionshipwinners/geoscience-world-championship	2019
5	Fellow, Directorate of Geosciences, International Agency for Standards and Ratings https://sites.google.com/site/uabnuniversalagencybooknumber/international-agency-for-standards-and-ratings	2019
6	Award of Honour as Ezi-Nwa by Church of Nigeria, Anglican Communion, Diocese of Egbu, Epiphany Anglican Church, Ezom-Akali, Umuekwune	2019
7	Sir Ahmadu Bello Sarduana Platinum Distinguish Leadership Award as Icon of National Transformation by National Association of Northern Nigeria Students (NANNS)	2020
8	NMGS/Prof. S. C. TEME Price for Best Paper Presentation Award for 2020. The Paper is titled: Geotechnical Evaluation of Quarry Dust Suitability as Constructional Material in Abuja and Environs. Presented at the 55 th Annual International Conference and Exhibition of Nigerian Mining and Geosciences Society held at Golden Royale Hotel, Enugu, Nigeria in 2019	2020

11. INVOLVEMENT IN NATIONAL/INTERNATIONAL LINKAGES

S/NO	Type of Linkage	Institution/Organization	Year
1	African Water Resources Mobility Network (AWaRMN)	Intra-Africa Academic Mobility Scheme of the European Union	2020

12. RESEARCH ACTIVITIES

12.1 RESEARCH GRANT ATTRACTED TO THE UNIVERSITY WITHIN THE LAST 36 CALENDAR MONTHS

S/NO	TITLE OF GRANT	SOURCE	AMOUNT	DATE OF
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				AWARD
1	African Water Resources Mobility Network (AWaRMN) Program involving Five African Universities (Rhodes University in South Africa, Federal University of Technology Minna in Nigeria, Makerere University in Uganda, University of Kinshasa in Democratic Republic of Congo and National Higher School of Hydraulics in Algeria) with Delft University of Technology in Netherlands as the Technical Partners MSc/MTech Hydrogeology Academic Supervisor/Coordinator	European Union	3.94 million Euros	2020/2021

12.2 RECENTLY COMPLETED RESEARCH (WITHIN THE LAST 36 CALENDAR MONTHS)

S/NO	TITLE OF RESEARCH	YEAR	SOURCE OF FUND
1	Assessment of Groundwater Vulnerability and Aquifer Characteristics in Port-Harcourt, Southern Nigeria	2016	Collaborative
2	Use of Remote Sensing and GIS in hydrogeological Mapping of parts of Minna, North-Central Nigeria	2017	Collaborative
3	Assessment of some Nigerian Coal Deposit as raw materials for the production of New Brand of Smokeless Fuel.	2017	TetFund-National Grant-Project awarded to Dept. of Geology & Mining, IBB University Lapai
4	Comparative Study on the Impact of Industrialization on Groundwater Quality in Aba and Onitsha, Southeastern Nigeria using Water Pollution Indicators	2018	Collaborative
5	Evaluation of Groundwater Potential and Aquifer Characterization in Owerri Southeastern Nigeria using Geophysical and Pumping Test data	2018	Collaborative
6	Impact of Oil-spills and Gas-flaring on the Quality of Rain Water, Surface Water, Groundwater and Soils in parts of Eastern Niger Delta, Nigeria	2019	Collaborative
7	Delineation of Graphite and Manganese Ore Deposits within Kagara and Tashan-Kade Area, North-Central Nigeria	2019	Collaborative
8	Geological Mapping and Assessment of Metallic and Industrial Minerals in parts of North-Central Nigeria (Kaduna, FCT, Niger and Nassarawa States)	2020	Ministry of Mines and Steel Development, Abuja

12.3 ONGOING FUNDED RESEARCH

S/NO	TITLE OF RESEARCH	SOURCE OF FUND
1	Comparative Study on the Impact of Artisanal Gold Mining on Soil, Stream Sediment, Surface and Groundwater Quality in Madaka and Kutayi Communities, North-central Nigeria	Collaborative
2	Application of Geographic Information System (GIS) and Geostatistical Model in the Assessment of Oil Spill in Niger Delta, Nigeria	Collaborative
3	Investigation of Source Rock Maturation and Petroleum Generation Potential within Agenebode-Okpekpe Axis, Anambra Basin, Southeastern Nigeria	Collaborative
4	Study on Groundwater Systems in Otukpo, North-Central Nigeria using Integrated Geosciences Techniques	Collaborative
5	Comparative Study on the Engineering Properties of Pavement Blocks made from Plastic Wastes and Cement in Abuja and Port-Harcourt, Nigeria	Collaborative
6	Geoelectrical Prospection for Ore Minerals deposit in parts of Zungeru Sheet163, North-Central Nigeria	Collaborative
7	Environmental and Health Implications of using Mercury and Cyanide in Artisanal Gold Mining in Nigeria	Collaborative
8	Groundwater Delineation using Remote Sensing, Geographic Information System and Electrical Resistivity Methods in Crystalline Terrain, Obbo Payam, Eastern Equatoria State, South Sudan	African Water Resources Mobility Network (AWaRMN) Sponsored by the European Union
9	Assessment of Naturally Occurring Radioactive Materials (NORM) in Rock, Soils, Groundwater and Plants in Mika and Mayolope Areas, North-Eastern Nigeria	Collaborative
10	Comparative Study on the Occurrence of Fluoride in Langtang, Hong and Zango Communities, Northern Nigeria	Collaborative

13. MAJOR ACADEMIC CONFERENCES/SEMINARS/WORKSHOPS ATTENDED

13.1 INTERNATIONAL (within the last 10 years)

S/NO	TITLE	VENUE	YEAR
1	Annual International Conference of the Ghana	University of Mines	2019

	Institution of Geoscientists (GhIG)	and Technology, Tarkwa, Ghana	
2	4th International Conference on Civil, Environmental, Geology and Mining Engineering	Double Tree, Hilton, Trabzon, Turkey	2019
3	Workshop on Structural Geology and Global Tectonics with emphasis on Lithosphere Evolution and Mantle Geodynamics	Karadeniz Technical University, Trabzon, Turkey	2019
4	2 nd International Association of Engineering Geology Africa Regional Congress	Hotel De Bently, Utako District, Abuja, Nigeria	2019
5	2 st Biannual Conference of School of Physical Sciences, Federal University of Technology, Minna	CPES Complex, Bosso Campus, Minna	2019
6	1 st Biannual Conference of School of Physical Sciences, Federal University of Technology, Minna	CPES Complex, Bosso Campus, Minna	2017
7	International Conference on Education, Development and Innovation	Tang Palace Hotel, Accra, Ghana	2016
8	26 th Colloquium of African Geologist and 16 th Congress of Geological Society of Africa	University of Ibadan International Conference Centre	2016
9	International Conference on Water Africa and West Africa Building and Construction	Abuja International Conference Centre	2016
10	7 th International Conference of Nigeria Association of Hydrological Sciences	Chemical Engineering Complex, FUT-Minna	2016
11	4 th International Conference of School of Science and Technology Education, FUT-Minna	CPES Complex, Bosso Campus, Minna	2016
12	6 th International Conference of Nigeria Association of Hydrological Sciences	School of Postgraduate Studies, ABU Zaria	2015
13	1 st International Engineering Conference of School of Engineering and Engineering Technology, FUT- Minna	Chemical Engineering Complex, FUT Minna	2015
14	13 th Biennial Groundwater Division Conference and Exhibition	Elangeni Hotel, Durban, South Africa	2013

13.2 NATIONAL (within the last 10 years)

S/NO	TITLE	VENUE	YEAR
1	Workshop on Capacity Building in Basic Field and Laboratory Practices in Geochemical Research	International Conference Centre, University of Ibadan, Nigeria	2021
2	56 th Annual International Conference and Exhibition of Nigerian Mining and Geosciences	International Conference Centre, University of	2020

	Society	Ibadan, Nigeria	
3	Stakeholders' Workshop for the preparation of the Strategic Environmental and Social Assessment (SESA) of the Mineral Sector Support for Economic Diversification Project (MinDiver), World Bank Assisted Project, Ministry of Mines and Steel Development, Abuja	Hotel De Bentley, Plot 892 Ngozi Okonjo-Iweala Street, Utako District, Abuja, Nigeria	2019
4	26 th Regular Meeting of the National Council on Water Resources organized by Federal Ministry of Water Resources	Justice Idris Legbo Kutigi International Conference Centre, Minna, Nigeria	2019
5	4 th Annual National Association of Engineering Geology and Environment International Conference	Hotel De Bentley, Utako District, Abuja, Nigeria	2019
6	55 th Annual International Conference and Exhibition of Nigerian Mining and Geosciences Society	Golden Royale Hotel, Enugu, Nigeria	2019
7	31 st Annual National Conference and Workshop of Nigerian Association of Hydrogeologist	Vichi Gate Hotel, Ihama Road, Benin City, Nigeria	2019
8	54 th Annual International Conference and Exhibition of Nigerian Mining and Geosciences Society	Bayero University New Campus, Kano, Nigeria	2018
9	30 th Annual International Conference of Nigerian Association of Hydrogeologists	Justice Idris Legbo Kutigi International Conference Centre, Minna, Nigeria	2018
10	Research Grant Proposal Writing Workshop organized by Directorate for Research, Innovation and Development	Caverton Hall, FUT-Minna, Nigeria	2016
11	Instructional Leadership Actions Towards Institutional Effectiveness organized by Quality Assurance and Productivity Unit, FUT-Minna	Bosso Campus, FUT-Minna, Nigeria	2016
12	Research Methodology and Statistical Analysis	IBB University, Lapai, Nigeria	2016
13	Electronic Teaching and Learning Platform	IBB University, Lapai, Nigeria	2016
14	12 th ChemClass Conference, Chemical Society of Nigeria (Zaria Chapter)	School of Postgraduate Studies, ABU Zaria, Nigeria	2016
15	52 nd Annual International Conference and Exhibitions of Nigerian Mining and Geoscience Society	Kwara State Banquet Hall, Ilorin, Nigeria	2016
16	Water Africa & West Africa Building and Construction	Abuja International Conference Centre	2016
17	27 th Annual Conference of the Nigerian	Newton Hotels, Owerri,	2015

	Association of Hydrogeologist	Imo State, Nigeria	
18	Turnitin Workshop for Nigerian Universities	University of Ibadan, Nigeria	2014
19	26 th Annual International Conference of Nigerian Association of Hydrogeologists	Merit House, Maitama, Abuja, Nigeria	2014
20	25 th Annual International Conference of Nigerian Association of Hydrogeologists	Abdulsalam Youth Centre, Minna, Nigeria	2013
21	Advanced Seismic Interpretation and Sequences Stratigraphy Course using dGB OpendTech and Plugins organized by SAPETRO and DANVIC CONCEPTS LTD	Department of Geology, FUT Minna, Nigeria	2012
22	Entrepreneurship training course organized by Competency based Economies through Formation of Enterprise (CEFE)	Department of Geology, FUT Minna, Nigeria	2012
23	48 th Annual International Conference of Nigerian Mining and Geosciences Society	Eko Hotels and Suite, Lagos, Nigeria	2012

14. MEMBERSHIP OF PROFESSIONAL ASSOCIATIONS/BODIES/ INSTITUTES (Please List)

S/NO	NAME OF PROFESSIONAL ASSOCIATION
1	Member, Council of Nigerian Mining Engineers and Geoscientists (COMEG-2008-921)
2	Member, International Association of Hydrogeologists (IAH-2008-123198)
3	Member, American Association of Petroleum Geologist (AAPG-2003-804030)
4	Member, Ghana Institution of Geoscientists (GhIG-2019-738)
4	Member, Society of Exploration Geophysicists (SEG-A-2008-176869)
5	Member, Society of Petroleum Engineers (SPE-2003-3159504)
6	Member, Nigerian Mining and Geosciences Society (NMGS-C-2007-3376)
7	Member, Nigerian Association of Hydrogeologists (NAH-CH-2007-0489)
8	Member, Nigerian Association of Petroleum Explorationists (NAPE-ST-2003-315)
9	Member, Nigerian Society of Mining Engineers (NSME-A-2014-0118)
10	Member, International Medical Geologist Association (IMGA-P-2019-034)
11	Member, Nigerian Association for Engineering Geology and the Environment, an Affiliate of International Association of Engineering Geologist (IAEG-NAEGE-C-2019-171)

15. PROJECT/THESIS OF THE APPLICANT
(In the following order: BTech./MTech./Ph.D)

S/NO	TITLE OF PROJECT/THESIS	YEAR
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1	An Assessment of the Geotechnical Properties of the Subsoil of parts of Federal University of Technology, Minna, Gidan Kwano Campus, for Foundation Design and Construction (BTech Project)	2004
2	Aquifer Characterization and Groundwater Vulnerability around Owerri, Southeastern Nigeria (MTech Thesis)	2007
3	Environmental Hydrogeochemistry of the Benin Formation of the Port-Harcourt, Aba and Owerri axis in the Niger Delta, Nigeria (PhD Dissertation)	2014

16 JOURNALS PUBLICATIONS

International

1. Nwankwoala, H. O., **Amadi, A. N.**, Nghargbu K'tso, Omofuophu, E. and Ibrahim, H. A., (2023). Risk based characterization and modeling of soils contaminated with Volatile Organic Compounds (VOCs) and Benzene, Toluene, Ethylbenzene, and Xylene (BTEX) in parts of Bonny Island, Rivers State, Nigeria, *World Scientific News*, 185, 125 – 147.
2. Nwankwoala, H. O., **Amadi, A. N.**, Ige, O. O., Osayande, A. D., Ugbor, C. C., Koate, B. D., Bolaji, T. A., Orji, E. A. and Okujagu, D. C., (2022). Health Implications of Selected Heavy Metals around Hydrocarbon Impacted Sites in the Niger Delta: A Preliminary Investigation. *GSC Advanced Research and Reviews*, 11(1), 113 – 128.
<http://doi.org/10.30574/gscarr.2022.11.1.0103>
3. Unuevho, C.I., **Amadi, A.N.**, Ejepu, S.J. and Udensi, E.E. (2022). Geological and Geo-electrical Outlining of Graphite Deposits Within Kagara, North-Central Nigeria. *Earth Sciences*, 11 (3), 79-88.
[http://doi: 10.11648/j.earth.20221103.14](http://doi:10.11648/j.earth.20221103.14)
4. Nwankwoala, H. O. and **Amadi, A. N.**, (2021). Environmental Sustainability and Biodiversity Conservation: Implication for Sustainable Development in Nigeria. *Minna Journal of Geosciences*, 5(1&2), 134 – 150.
5. Shittu, H. O., Olarinoye, I. O., Kolo, M., **Amadi, A. N.**, Olukotum, O.F., Samuel, G. E. K., (2021). Mapping of Natural Gamma Radiation Dose rate distribution around Gidan-Kwano area, Minna, North-central Nigeria. *FUW Trends in Science and Technology Journal*, 6(3), 931 – 936.
6. Unuevho, O.M., Ako, T.A., Unuevho, C.I., Ejepu, S.J., **Amadi, A.N.**, Tahir, A. and Jatau, B.S. (2021). Lithologic, Petrographic and Geochemical Search for By-Passed Gold Mineralisation within Mutiundaya Gold Field in Minna Outskirts, North-Central Nigeria. *Nigerian Mining Journal*, 19(1), 7 – 18.

7. Zakari, M.I., Unuevho, C.I., **Amadi, A.N.** and Udensi, E.E. (2021). Geological and Geoelectrical Evaluation of Groundwater Pollution Status Related to Gold Mine Leachates within Bariki and Environs, North-Central Nigeria. *Water Resources*, 31(1), 42 – 57.
8. Folorunsho, O. W. and **Amadi, A. N.**, (2020). Production of Pavement Blocks from Plastic Waste. *The Pacific Journal of Science and Technology*, 21(2), 36 – 43. A publication of Akamai University, USA.
http://www.akamaiuniversity.us/PJST21_2_36.pdf
9. **Amadi, A. N.**, Umoru, T. A., Umeugochukwu, O. P., Nwankwoala, H. O., Sule, T. U. N., Oguntade, A. S., Ibrahim, H. A. and Hussaini, S. U., (2020). Suitability of Groundwater in Auchu and Its Environs for Irrigation Purposes. *The Pacific Journal of Science and Technology*, 21(2), 379 – 387. A publication of Akamai University, USA.
http://www.akamaiuniversity.us/PJST21_2_379.pdf
10. Nwankwoala, H. O., **Amadi, A. N.**, Omofuophu, E. and Ibrahim, H. A., (2020). Risk Evaluation and Modeling of Soils Contaminated with Polycyclic Aromatic Hydrocarbons (PAHs) in parts of Bonny Island, Niger Delta, Nigeria. *Annals of Civil and Environmental Engineering*, 4(1), 15 – 26.
<https://doi.org/10.29328/journal.acee.1001021>, <https://www.heighpub.org/hjcee>
11. **Amadi, A. N.**, Udoh, B. O., Ozoji, T. M., Akande, W. G., Shaibu, I., Dan-Hassan, M. A., Hussaini, S. U. and Oguntade, A. S., (2020). Quality Assessment of Groundwater in Parts of Niger Delta, Southern Nigeria using Metal Pollution Index and Factor Analysis. *The Pacific Journal of Science and Technology*, 21(1), 280 – 289. A publication of Akamai University, USA.
http://www.akamaiuniversity.us/PJST21_1_280.pdf
12. Udoh, B. O. and **Amadi, A. N.**, (2020). Evaluation of Heavy Metal Pollution Level in Soils and Plants around Ibeno Area, Akwa-Ibom State, Niger Delta, Nigeria. *The Pacific Journal of Science and Technology*, 21(1), 290 – 303.
http://www.akamaiuniversity.us/PJST21_1_290.pdf
13. Aweda, A. K., **Amadi, A. N.**, Kyari, R., Samuel, A. and Samson, B. A., (2020). [Investigation of Groundwater Quality from Selected Wells in Paiko, Northcentral Nigeria](#), *Journal of Geography and Geology*, 12(1), 1 – 7. doi:10.5539/jgg.v12n1p1, URL: <http://dx.doi.org/10.5539/jgg.v12n1p1>
1. **Amadi, A. N.**, Umeugochukwu, O. P., Unuevho, C. I., Waziri, N. M., Onoduku, U. S. and Ameh, I. M., (2020). Assessment of the Suitability of Groundwater systems for Irrigation Purposes in Owerri and Environs, Southeastern Nigeria. *Ilorin Journal of Science*, 7(1), 83 – 95.

2. Ozoji, T. M., Obaje, N. G., Lar, U. A., **Amadi, A. N.**, Umar, M. U., Yenne, E. and Nura, Y. A., (2020). Characterization of Coal Formations in the Middle Benue Trough and Anambra Basin, Nigeria Using Rock-Eval Pyrolysis. *Journal of Mining and Geology*, 56(1), 23 – 30.
3. Okolo, S. I. and **Amadi, A. N.**, (2020). Gully Erosion Study in Bida Town, North-Central Nigeria using Integrated Geoscience Techniques. *Water Resources: Journal of the Nigerian Association of Hydrogeologist*, 30(1), 24 – 39.
4. Ameh, I. M., **Amadi, A. N.**, Unuevho, C. I. and Ejepu, J. S., (2020). Hydrogeophysical Investigation of Groundwater Systems in Otukpo, Benue State, North-Central Nigeria. *Journal of Chemical Society of Nigeria*, 45(5), 862 – 869.
5. **Amadi, A. N.**, Ozoji, T. M., Aweda, A. K., Chinwuko, A. I., Shaibu, I., Ovwasa, M. O. and Ibrahim, H. A., (2020). Updates on Aquifer Attributes of the Benin Formation within Eastern Niger Delta, Nigeria using Pumping Test and Hydraulic Parameters. *Minna Journal of Geosciences*, 4(1), 37 – 51.
6. **Amadi A. N.**, Yisa, J., Abubakar, A. S., Dan-Hassan, M. A., Oguntade, A. S., Hussaini, S. U. and Musa A., (2020). Hydrofacies Attributes and Quality Status of Groundwater Systems in Eastern Niger Delta, Nigeria. *Minna Journal of Geosciences*, 4(2), 40 – 52.
7. Ameh, I. M., **Amadi, A. N.**, Unuevho, C. I. and Ejepu, J. S., (2019). Hydraulic Head Analysis and Groundwater Flow System in parts of Otukpo, North-central Nigeria. *Minna Journal of Geoscience*, 3(1 & 2), 79 – 85.
8. **Amadi, A. N.**, Aminu Tukur, Dan-Hassan, M. A., Okunlola, I. A., Shauibu I., Egharevba, J. K. and Okobi, C. M., (2019). Groundwater Quality Assessment for Irrigation Purposes: A case study of Minna, Niger State, North-central Nigeria. *Journal of Chemical Society of Nigeria*, 44(4), 525 – 532.
9. Ozoji, T. M., Obaje, N. G., **Amadi, A. N.**, Goki, N. G., Yenne, E. and Lar, U. A., (2019). Geotechnical Evaluation of Quarry Dust Suitability as Constructional Material in Abuja and Environs. *Journal of Mining and Geology*, 55(2), 199 – 206.
10. **Amadi, A. N.**, AminuTukur, Maspalma, S. S., Okunlola, I. A., Unuevho, C. I. and Ameh, I. M., (2019). Comparative Geological Study and Physico-chemical Parameters of Groundwater in Hong and Zango Settlements in Northern Nigeria. *Journal of Chemical Society of Nigeria*, 44(2), 289 – 297.
11. Okobi, C. M., Ogunbajo, M. I., **Amadi, A. N.**, Unuevho, C. I., Ako, T. A., Ayeni, J. K. and Alaku, I. O., (2019). Geochemistry and Petrogenesis of Granitic Rocks in Bishini Sheet 165 SW, North-Central Nigeria. *Journal of Mining and Geology*, 55(1), 1 – 15.

12. Igbomor, B. A. and **Amadi, A. N.**, (2019). Investigation of Groundwater Quality in parts of Onitsha, Southeastern Nigeria. *The Pacific Journal of Science and Technology*, 20(2), 266 – 275. A publication of Akamai University, USA.
http://www.akamaiuniversity.us/PJST20_2_266.pdf
13. Ameh, I. M. and **Amadi, A. N.**, (2019). Geoelectrical Prospecting for Shallow Aquifers in Otukpo, North-central Nigeria. *The Pacific Journal of Science and Technology*, 20(2), 352 – 359. A publication of Akamai University, USA.
http://www.akamaiuniversity.us/PJST20_2_352.pdf
14. Obaje, N. O., **Amadi, A. N.**, Aweda, A. K., Umar, U. M. and Shuaibu, I. (2018). Processing Nigerian Coal Deposits for Energy Source. *Environmental Earth Sciences*, 77(5), 176 – 186. (Published by Springer)
<https://www.springer.com/journal>
15. Unuevho, C.I., Julius, S.O., Alabi, A.A., **Amadi, A. N.**, Adegbe. M. and Saidu, S. (2018). Geotechnical Characterization of Geological Formation at Slump sites within outskirts of Zungeru, North-Central Nigeria. *International Journal of Geology and Earth Sciences*, 4(1), 1 – 13.
http://www.internationaljournalcorner.com/index.php/ijird_ojs/pages/view/eb
16. **Amadi, A. N.**, Ebieme, E. E., Musa, A. Olasehinde, P. I., Unuevho, C. I., and Ameh, I. M., (2018). Stream Sediment as Pollution Indicator within Shikira Gold Mining Site, Niger State, North-central Nigeria. *Journal of Mining and Geology*, 54(2), 119 – 131.
17. Sabo, S., Okunlola I. A., **Amadi, A. N.**, Olasehinde, P. I., Okoye, N. O. and Abubakar, A. E., (2018). Assessing Heavy Metal Contamination in Soils around Ashaka Cement Factory, Gombe State, Northeastern Nigeria using Ecological Pollution Indices. *Lapai Journal of Science and Technology*, 4(1), 33 – 48.
18. Nwakife, C. N., Ndamitso, M. M., Ajai, A. I., **Amadi, A. N.**, Unique, N. K. and Akoma, A. O., (2018). Determination of the Physico-Chemical Properties and Selected Heavy Metal Concentration in Soil around Akolo Creek Oil Well Head in Bayelsa State, Nigeria. *Lapai Journal of Science and Technology*, 4(1), 191 – 206.
19. Obaje, N. G., Aweda, A. K., Hamza, H., Goki, N. G., **Amadi, A. N.**, Umar, U. M., Shuaibu, I. and Moumouni, A., (2018). Application of Rock Eval and Coal Petrographical Data in the Evaluation of some Nigerian Coal Deposits as Raw materials for the Production of Smokeless Fuel. *Development Journal of Science and Technology Research*, 7(1), 77 – 93.
20. Okanlawon, M. O., Idris-Nda, A., **Amadi, A. N.**, Waziri, N. M., Ako, T. A. and Onoduku, U. S., (2017). The Geology and Petrographic Characterization of Rocks in part of Tegna

21. **Amadi, A. N.**, Olasehinde, P. I., Obaje, N. O., Unuevho, C. I., Yunusa, M. B., Keke, U. N. and Ameh, I. M., (2017). Investigating the Quality of Groundwater from Hand-dug Wells in Lapai, Niger State, North-central Nigeria using Physico-chemical and Bacteriological Parameters. *Minna Journal of Geoscience*, 1(1), 77 – 92.
22. Tswako, M., Unuevho, C. I., Okeugo, C. G., **Amadi, A. N.**, Ejepu, J. S. and Onuoha, K. M., (2017). Geoelectrical Prospecting for regolith Aquifer in Kundu, Zungeru Sheet 163, Nigeria. *Minna Journal of Geoscience*, 1(1), 149 – 164.
23. Nwankwoala, H. O., Angaya, Y. B., **Amadi, A. N.** and Ameh, I. M., (2017). Contamination Risk Assessment of Physico-chemical and Heavy Metal Distribution in Water and Sediments of the Choba Section of the New Calabar River, Nigeria. *Nigeria Journal of Engineering and Applied Sciences*, 4(1), 15 – 24.
24. **Amadi, A. N.**, Ebieme, E. E., Musa, A., Olasehinde, P. I., Ameh, I. M. and Shuaibu, A. M., (2017). Utility of Pollution Indices in Assessment of Soil Quality around Madaga Gold Mining Site, Niger State, North-central Nigeria. *Ife Journal of Science*, 19(2), 417 – 430.
25. Ayeni, J. K., Ogunbajo, I. M., **Amadi, A. N.**, Okobi, C. M. and Waziri, S. H., (2017). Geotechnical and Petrographic Assessment of Supare Rocks as Dimension Stone, Ondo State, Southwestern Nigeria. *Nigerian Mining Journal*, 15(1), 19 – 27.
26. Ayeni, J. K., Ogunbajo, I. M., **Amadi, A. N.** and Okobi, C. M., (2017). Evaluation of Suitability of Rocks using Volumetric Joint Count for Dimension Stone Quarry in Supare, Ondo State, Southwestern Nigeria. *Nigerian Mining Journal*, 15(1), 39 – 45.
27. **Amadi, A. N.**, Egharevba, J. K., Ameh, I. M., Abdulahi, S., Shaibu, I. and Ancho, M. I., (2017). Hydrogeochemical Evaluation of Surface and Groundwater Quality around Galadima Koko Mining Sites, Niger State, North-central Nigeria. *Nigerian Journal of Pure and Applied Sciences*, 9(1), 155 – 169.
28. Angwa, E. M., **Amadi, A. N.**, Olasehinde, P. I., Unuevho, C. I., Ameh, I. M. and Abdulahi, S., (2017). Hydrogeophysical Evaluation of Groundwater Potential in Federal Housing Estate Lugbe, Abuja, Nigeria using Electrical Resistivity Method. *Nigerian Journal of Pure and Applied Sciences*, 9(1), 170 – 180.
29. Muhammed, O. N., **Amadi, A. N.**, Unuevho, C. I., Abdulahi, S., Ameh, I. M. and Abubakar, A. E., (2017). Assessment of Surface and Groundwater Quality in Gussoro Gold Mining Site, Niger State, North-central Nigeria. *Nigerian Journal of Pure and Applied Sciences*, 9(2), 138 – 147.

30. Unuevho, C. I., Onuoha, K. M., **Amadi, A. N.**, Alabi, A. A., Aderogbin, J. A., Udensi, E. E. and Oshin, O., (2017). Geoelectrical Prospecting for Fractured Basement Aquifer in Northern portion of Futminna's Bosso Campus, Minna, North-central Nigeria. *KADA Journal of Physics*, 1(2), 35 – 44.
31. Unuevho, C. I., Tswako, M., Onuoha, K. M., **Amadi, A. N.**, Udensi, E. E. and Oshin, O., (2017). Geoelectrical Prospecting for Water-filled Fractured Basement within Kundu, North-Central Nigeria. *KADA Journal of Physics*, 1(2), 59 – 72.
32. Okanlawon, M. O., Olasehinde, P. I., Abdullahi, I. N., **Amadi, A. N.**, Waziri, N. M. and Unuevho, C. I., (2017). Water Quality Determination around Gold and Manganese Mining Area Using Metal Pollution Index and Water Quality Index in South-western part of Tegna Sheet 142 North Central Nigeria. *International Journal for Innovative Research and Development*, 6(11), 40 – 49, doi: 10.24940/ijird/2017/v6/i11/NOV17029.
www.ijird.com
33. Akande, W. G., Idris-Nda, A., **Amadi, A. N.**, Asema, A. I., Alabi, A. A. and Yahaya, T., (2016). Evaluation of groundwater potentials of Chanchaga area, Minna, North-central Nigeria. *American Journal of Innovative Research and Applied Sciences*, 2(1), 1– 9.
www.american-jiras.com
34. Okunlola, I. A., **Amadi, A. N.**, Olashinde, P. I., Maspalma, S. S. and Okoye, N. O., (2016). Quality Assessment of Groundwater from Shallow Aquifers in Hong Area, Adamawa State, Northeastern Nigeria. *Ife Journal of Science*, 18(1), 267 – 283.
35. **Amadi, A. N.**, Olasehinde, P. I., Nwadioha I. J., Okunlola, I. A., Shaibu I. and Nwakife, C. N. (2016). Comparative Assessment of Groundwater Suitability for Irrigation and Drinking Purposes in Agbara and Ota area of Southwestern Nigeria. *International Journal of Science for Global Sustainability*, 2(3), 1 – 12.
36. **Amadi, A. N.**, Olasehinde, P. I., Yisa, J., Shaibu I. and Okoye, N. O. (2016). Environmental Geochemistry and Heavy Metal Assessment in Soils, Surface and Groundwater from Eastern Niger-Delta, Nigeria using Multivariate Pollution Indices. *International Journal of Science for Global Sustainability*, 2(3), 64 – 78.
37. Dan-Hassan M. A., **Amadi A. N.**, Olasehinde, P. I., Obaje, N. G. and Okoye, N. O. (2016). Quality Assessment of Groundwater in Abuja, North-central Nigeria for Domestic and Irrigation Purposes. *Nigerian Journal of Hydrological Sciences*, 4(1), 147 – 160.
38. Unuevho, C. I., Acho, M., **Amadi, A. N.**, Onuoha, K. M. and Ogunbanjo, M. I., (2016). Application of Geosciences Techniques for the Assessment of Dumpsite Leachates and Groundwater Pollution in Regolith Aquifers. *Nigerian Journal of Hydrological Sciences*, 4(1), 161 – 180.

39. **Amadi, A. N.**, Olasehinde, P. I., Unuevho, C. I., Obaje, N. G., Goki, N. G. and Dan-Hassan, M. A. (2016). Water Quality Studies in parts of Eastern Niger Delta, Nigeria using Heavy Metal Pollution Indix. *Nigerian Mining Journal*, 14(1), 15 – 26.
40. Unuevho, C., Onuoha, K. M., Ogunbajo, M. I. and **Amadi, A. N.**, (2016). Hydrogeological and Geoelectrical Prospecting for Groundwater within parts of Northeastern Bosso, North-central Nigeria. *Water Resources: Journal of the Nigerian Association of Hydrogeologist*, 26(1&2), 100 – 121.
41. Unuevho, C., Ancho, M., Onuoha, K. M., **Amadi, A. N.**, Ogunbajo, M. I. and Alkali, Y. B., (2016). Contamination Investigation using Geoelectrical Resistivity and Hydrogeological data: A case study of Regolith Groundwater around Agwan-NEPA dumpsite, Keffi, North-central Nigeria. *Water Resources: Journal of the Nigerian Association of Hydrogeologist*, 26(1&2), 122 – 141.
42. **Amadi, A. N.**, Obaje, N. G., Goki, N. G., Abubakar K. U., Shaibu, I. and Nwakife, C. N. (2016). Studies on Water Quality in Suleja, Niger State for Domestic and Irrigational Purposes. *Nasara Scientifique: Journal of Natural and Applied Sciences*, 5(1), 16 – 29.
43. Maspalma, S. S., Okunlola, I. A., **Amadi, A. N.**, Olasehinde, P. I. and Okoye, N. O. (2016). Geospatial and Temporal Distribution of Fluoride in Groundwater and Health Impacts in Hong Area, Adamawa State, North-Eastern Nigeria. *Nasara Scientifique: Journal of Natural and Applied Sciences*, 5(1), 82 – 93.
44. Unuevho, C. I., **Amadi, A. N.**, Saidu, S., Udensi, E. E., Onuoha, K. M. and Ogunbajo, M. I., (2016). Geo-electrical prospecting for Ore Minerals in Kundu, western part of Zungeru Sheet163NW, Nigeria. *Nigerian Mining Journal*, 14(2) 73 – 82.
45. **Amadi, A.N.**, Musa, A., Ebieme, E.E., Unuevho, C.I., Ameh, I.M. and Keke, U.N., (2016). Investigating the Impacts of Artisanal and Small Scale Mining on Surface and Groundwater Quality in Madaka area of Niger State using Water Pollution Indices. *Nigerian Mining Journal*, 14(2), 101 – 111.
46. Nwankwoala, H. O., **Amadi, A. N.** and Tukor, A., (2016). Fluoride Contamination of Groundwater and Health Implications in Zango, Katsina State, Nigeria. *Scientia Africana: An International Journal of Pure and Applied Sciences*, 15(2), 160 – 174.
www.scientia-africana.uniportjournal.info
47. Abifarin, S. J., **Amadi, A. N.**, Olasehinde, P. I., Ameh, I. M. and Ayeni, J. K., (2016). Geological and Structural Control of Groundwater Occurrence in parts of Abuja, North-central Nigeria. *Nigerian Journal of Pure and Applied Sciences*, 8, 157 – 165.

48. Aliyu, U. J., **Amadi, A. N.**, Olasehinde, P. I., Ameh, I. M. and Shuaibu, A. M., (2016). Integrated Geological, Hydrogeological and Geophysical Assessment of Groundwater Potential in Tudun-Falani area of Minna, North-central Nigeria. *Nigerian Journal of Pure and Applied Sciences*, 8, 166 – 178.
49. Okunlola, I. A., **Amadi, A. N.**, Olasehinde, P. I., Sani, Sabo and Okoye, N. O., (2016). Impacts of limestone mining and processing on water quality in Ashaka Area, Northeastern Nigeria. *Development Journal of Science and Technology Research*, 5(1), 47 – 62.
50. Olasehinde, P. I., **Amadi, A. N.**, Enwedo, E. O., Dan-Hassan, M. A. and Okunlola, I. A., (2016). Assessing the Groundwater Potential in Wuye District, Federal Capital Territory, Abuja, Nigeria. *Development Journal of Science and Technology Research*, 5(1), 67 – 78.
51. **Amadi, A. N.**, Soliu, A. A., Agwuncha, S. C., Nwankwoala, H. O., Nwakife, C. N. and Shaibu I. (2016). Analytical Studies on Surface and Groundwater in Zungeru, Niger State, North-central Nigeria. *Development Journal of Science and Technology Research*. 5(2), 73 – 80.
52. **Amadi, A. N.**, Olasehinde, P. I., Agwuncha, S. C., Nwankwoala, H. O., Shaibu I. and Okoye, N. O. (2016). Investigating the Quality Status of Groundwater in parts of Eastern Niger Delta for Irrigation Purposes. *Development Journal of Science and Technology Research*. 5(2), 81 – 87.
53. Enwedo, E. O., Olasehinde, P. I., **Amadi, A. N.**, Okoye, N. O. and Okunlola, I. A. (2016). Geotechnical Assessment of Subsoil in Wuye District, Federal Capital Territory, Abuja, Nigeria for Construction Purposes. *Lapai Journal of Science and Technology*, 3(1), 31 – 45.
54. Abdullahi S., Idris-Nda, A., **Amadi, A. N.** and Kuti, I. A. (2016). Impacts of Artisanal Gold Mining on Surface and Groundwater Quality around Maiwayo and Gada-Eregi Mining Sites, North-Central Nigeria. *Lapai Journal of Science and Technology*, 3(1), 175 – 189.
55. Omanayin, Y. A., Ogunbajo, M. I., **Amadi, A. N.**, Abdulfatai, I. A. and Mamodu, A., (2016). Water Quality Investigation within the neighbourhood of Kataeregi artisanal gold mining sites, Northcentral Nigeria. *Journal of Information, Education, Science and Technology*, 3(2), 123 – 130.
56. **Amadi, A. N.**, Olasehinde, P. I., Ameh, I. M., Okunlola, I. A. and Dan-Hassan, M. A., (2015). Investigating the Groundwater Potential at the Boys Hostel, Bosso Campus, Federal University of Technology Minna, using electrical resistivity method. *Water Resources: Journal of the Nigerian Association of Hydrogeologists*, 25(1&2), 92 – 107.

57. **Amadi, A.N.**, Ameh, I. M., Okunlola, I. A., Dan-Hassan, M. A. and Aminu Turkur, (2015). Site Investigation for siting a Municipal Landfill system in Minna, North-central Nigeria using Electrical Resistivity Method. *Water Resources, Journal of the Nigerian Association of Hydrogeologists*, 25(1&2), 108 – 120.
58. **Amadi, A. N.**, Olasehinde, P.I., Jimoh, M.O., Okoye, N.O. and Aminu, Tukur, (2015). Integrated Hydrogeological and Hydrogeophysical Exploration for Groundwater in parts of Gidan-Kwano and Gidan-Mangoro, North-central Nigeria. *Universal Journal of Geoscience*, 3(1): 34 – 38, 2015, doi: 10.13189/ujg.2015.030104.
<http://www.hrpub.org>
59. Nwankwoala, H.O., **Amadi, A. N.**, Warmate, T. and Jimoh, M. O., (2015). Geotechnical Properties of Sub-Soils in Escravos Estuary, Western Niger Delta, Nigeria. *American Journal of Civil Engineering and Architecture*, 3(1), 8 – 14, doi: 10.12691/ajcea-3-1-2.
<http://www.sciepub.com/journal/ajcea>
60. **Amadi, A. N.**, Akande, W. G., Okunlola, I. A., Jimoh, M.O., Francis, Deborah. G., (2015). Assessment of the Geotechnical Properties of Lateritic Soils in Minna, North Central Nigeria for Road design and Construction. *American Journal of Mining and Metallurgy*, 3(1), 15 – 20, doi: 10.12691/ajmm-3-1-3.
<http://www.sciepub.com/journal/ajmm>
61. Olasehinde P. I., **Amadi A. N.**, Dan-Hassan M. A., Jimoh M. O., (2015). Statistical Assessment of Groundwater Quality in Ogbomosho, Southwest Nigeria. *American Journal of Mining and Metallurgy*, 3(1), 21 – 28, doi:10.12691/ajmm-3-1-4.
<http://www.sciepub.com/journal/ajmm>
62. **Amadi A. N.**, Aminu Tukur, Okunlola I. A., Olasehinde, P. I. and Jimoh M.O., (2015). Lithologic Influence on the Hydrogeochemical Characteristics of Groundwater in Zango, North-west Nigeria. *Natural Resources and Conservation*, 3(1), 11–18. doi:10.13189/nrc.2015.030103.
<http://www.hrpub.org>
63. Olasehinde P. I., **Amadi A. N.**, Idris-Nda, A., Katu, M. J., Unuevho, C. I. and Jimoh M. O., (2015). Aquifers Characterization in Agaie, North-Central Nigeria using Electrical Resistivity Method and Borehole Lithologs, *American Journal of Environmental Protection*, 3(3), 60 – 66, doi:10.12691/env-3-3-1.
<http://www.sciepub.com/journal/env>
64. **Amadi A. N.**, Okunlola, I. A., Eze C. J., Jimoh, M. O., Unuevho, C. I. and Abubakar Fahad, (2015). Geotechnical Assessment of Clay Deposits in Minna, North-Central Nigeria for Use as liners in Sanitary Landfill Design and Construction. *American Journal of Environmental Protection*, 3(3), 67 – 75, doi: 10.12691/env-3-3-2.

65. Okunlola I. A., **Amadi A. N.**, Onyemereq U. B., Okoye N. O., (2015). [Quality Assessment of Surface and Groundwater Sources in Lugbe, Abuja, North-Central Nigeria](#). *Journal of Environment and Earth Science*, 5(8), 129 – 139.
www.iiste.org
66. Okunlola I. A., **Amadi A. N.**, Dindey, A. O, Kolawole L. L., (2015). [Geotechnical and Geochemical Properties of Lateritic Profile on Migmatite-Gneiss along Ogbomosho-Ilorin Highway, Southwestern Nigeria](#), *Civil and Environmental Research*, 7(4), 79 – 85.
www.iiste.org
67. **Amadi A. N.**, Okunlola I. A., Dan-Hassan M. A., Aminu Tukur and Ola Olubusayo, (2015). Evaluation of Groundwater Quality in Shallow Aquifers in Minna, North-Central Nigeria using Pollution Load Index. *Journal of Natural Sciences Research*, [5\(8\)](#), 45 – 56.
www.iiste.org
68. Nwankwoala, H. O., Nwaogu, C., Bolaji, T. A., Uzoegbu, M. U., Abrakasa, S. and **Amadi, A. N.**, (2015). Geochemistry and Quality Characterization of Effon Psammite Ridge Spring Water, Southwestern Nigeria. *Journal of Geology and Geophysics*, 4(6), 229 – 234.
<http://dx.doi.org/10.4172/jgg.1000229>
69. **Amadi, A. N.**, Okoye, N. O., Alabi, A. D., Aminu Tukur and Angwa, E. M., (2014). Quality Assessment of Soil and Groundwater near Kaduna Refinery and Petrochemical Company, Northwest Nigeria. *Journal of Scientific Research and Reports*, 3(6), 884 – 893.
www.sciencedomain.org
70. **Amadi A. N.**, Olasehinde, P. I. and Nwankwoala, H. O., (2014). Hydrogeochemistry and statistical analysis of Benin Formation in Eastern Niger Delta, Nigeria. *International Research Journal of Pure and Applied Chemistry*, 4(3), 327 – 338.
www.sciencedomain.org
71. Alao D. A., **Amadi A. N.**, Alabi A. D. and Aminu T., (2014). Studies on the Quality of Brine from Selected Sites in Lafia-Obi Local Government Area of Nasarawa State, North-Central Nigeria. *American Chemical Science Journal*, 4(4), 443 – 456.
www.sciencedomain.org
72. **Amadi, A. N.**, Olasehinde, P. I., Nwankwoala, H. O., Dan-Hassan, M. A. and Okoye, N. O., (2014). Aquifer Vulnerability Studies using DRASTICA Model. *International Journal of Engineering and Science Invention*, 3(3), 01 – 10.
www.ijesi.org

73. **Amadi, A. N.**, Olasehinde, P. I., Nwankwoala, H. O., Dan-Hassan, M. A. and Mamodu A., (2014). Controlling Factors of Groundwater Chemistry in the Benin Formation of Southern Nigeria. *International Journal of Engineering and Science Invention*, 3(3), 11 – 16.
www.ijesi.org
74. **Amadi, A. N.**, Olasehinde, P. I., Dan-Hassan, M. A., Okoye, N. O. and Ezeagu, G. G., (2014). Hydrochemical Facies Classification and Groundwater Quality Studies in Eastern Niger Delta, Nigeria. *International Journal of Engineering Research and Development*, 10(3), 01 – 09.
www.ijerd.com
75. **Amadi, A. N.**, Ameh, I. M., Ezeagu, G. G., Angwa, E. M. and Omanayin, Y. A., (2014). Bacteriological and Physico-chemical Analysis of Well Water from Villages in Edati, Niger State, North-central Nigeria. *International Journal of Engineering Research and Development*, 10(3), 10 – 16.
www.ijerd.com
76. Okunlola, I. A., Abdulfatai I. A., Kolawole L. L. and **Amadi A. N.**, (2014). Geological and Geotechnical Investigation of Gully Erosion along River Bosso, Minna, North Central Nigeria. *Journal of Geosciences and Geomatics*, 2(2), 50 – 56. doi:10.12691/jgg-2-2-2.
<http://www.sciepub.com/journal/jgg>
77. Okunlola I. A., **Amadi A. N.**, Idris-Nda A., Agbasi K. and Kolawole L. L., (2014). Assessment of Water Quality of Gurara Water Transfer from Gurara Dam to Lower Usuma Dam for Abuja Water Supply, FCT, Nigeria. *American Journal of Water Resources*, 2(4), 74 – 80, doi:10.12691/ajwr-2-4-1.
<http://www.sciepub.com/journal/ajwr>
78. Nwankwoala, H.O., **Amadi, A.N.**, Ushie, F.A. and Warmate, T., (2014). Determination of Subsurface Geotechnical Properties for Foundation Design and Construction in Akenfa Community, Bayelsa State, Nigeria. *American Journal of Civil Engineering and Architecture*, 2(4), 130 – 135, doi:10.12691/ajcea-2-4-2.
<http://www.sciepub.com/journal/ajcea>
79. Nwankwoala, H.O., **Amadi, A.N.**, Oborie, E. and Ushie, F.A., (2014). Hydrochemical Factors and Correlation Analysis in Groundwater Quality in Yenagoa, Bayelsa State, Nigeria. *Applied Ecology and Environmental Sciences*, 2(4), 100 – 105, doi:10.12691/aees-2-4-3.
<http://www.sciepub.com/journal/aees>
80. Aminu Tukur and **Amadi, A. N.**, (2014). Fluoride Contamination of Shallow Groundwater in Parts of Zango Local Government Area of Katsina State, Northwest Nigeria. *Journal of Geosciences and Geomatics*, 2(5), 178 – 185.
<http://pubs.sciepub.com/jgg/2/5/1>

81. Aminu Tukur and **Amadi A. N.**, (2014). Bacteriological Contamination of Groundwater from Zango Local Government Area, Katsina State, Northwestern Nigeria. *Journal of Geosciences and Geomatics*, 2(5), 186 – 195. doi:10.12691/jgg-2-5-2.
<http://www.sciepub.com/journal/jgg>
82. **Amadi, A. N.**, (2014). Impact of Gas-Flaring on the Quality of Rain Water, Groundwater and Surface Water in Parts of Eastern Niger Delta, Nigeria. *Journal of Geosciences and Geomatics*, 2(3), 114 – 119.
<http://pubs.sciepub.com/jgg/2/3/6>
83. Nwankwoala, H. O., Ngah, S. A., Ushie, F. A., and **Amadi, A. N.**, (2014). Statistical Characterization of Groundwater Quality in Port Harcourt, Southern Nigeria. *Sci-Afric Journal of Scientific Issues, Research and Essays*, 2(8), 338 – 341.
<http://www.sci-africa.org>
84. **Amadi, A. N.**, Nwankwoala H.O., Jimoh, M. O., Dan-Hassan, M. A. and Aminu Tukur, (2014). Modeling the Groundwater Quality in parts of Eastern Niger-Delta, Nigeria using Multivariate Statistical Techniques. *American Journal of Water Resources*, 2(5), 118 –125, doi:10.12691/ajwr-2-5-3.
<http://www.sciepub.com/journal/ajwr>
85. Nwankwoala, H. O. and **Amadi, A. N.**, (2013). Geotechnical Investigation of Sub-soil and Rock Characteristics in parts of Shiroro-Muya-Chanchaga Area of Niger State, Nigeria. *International Journal of Earth Sciences and Engineering*, 6(1), 8 – 17.
www.cafetinnova.org
86. **Amadi, A. N.**, Ameh, M. I., Idris-Nda, A., Okoye, N. O. and Ejiofor, C. I., (2013). Geological and Geophysical Investigation of Groundwater in parts of Paiko, Sheet 185, North-Central Nigeria. *International Journal of Engineering Research and Development*, 6(1), 1 – 8.
www.ijerd.com
87. **Amadi, A. N.**, Ejepu, J. S., Idris-Nda, A., Dan-Hassan, M. A. and Aminu Tukur, (2013). Analysis of Groundwater Quality from the coastal Aquifers around Agbara Industrial Estate, Lagos, Southwest Nigeria. *International Journal of Engineering Research and Development*, 6(1), 9 – 14.
www.ijerd.com
88. Alao D. A., **Amadi A. N.**, Adeoye, Yinka and Oladipo, A. V., (2013). Geo-Electric and 3D-Imaging of Groundwater Distribution along Flood Plain Deposits of River Niger at Jebba, North-Central Nigeria. *Environment and Natural Resources Research*, 3(2), 61 – 68. doi:10.5539/enrr.v3n2p61.
www.ccsenet.org/enrr

89. **Amadi A. N.**, Dan-Hassan M. A., Okoye N. O., Ejiofor I. C. and Aminu Tukur, (2013). Studies on Pollution Hazards of Shallow Hand-Dug Wells in Erena and Environs, North-Central Nigeria. *Environment and Natural Resources Research*, 3(2), 69 – 77. doi:10.5539/enrr.v3n2p69.
www.ccsenet.org/enrr
90. **Amadi A. N.** and Nwankwoala, H. O., (2013). Evaluation of Heavy Metal in Soils from Enyimba Dumpsite in Aba, Southeastern Nigeria using Contamination Factor and Geo-Accumulation Index. *Energy and Environment Research*, 3(1), 125 – 134. doi:10.5539/eer.v3n1p125.
www.ccsenet.org/eer
91. Momoh, O. L., Olasehinde, P. I., **Amadi, A. N.**, Asema, A. I. and Omanayin, Y. A., (2013). Geological Factors in Civil Engineering Construction: The Perspective of Engineering Geophysics using case histories from Basement Complex Terrain of Nigeria. *Journal of Science and Today's World*, 2(6), 732 – 746.
www.journalsci.com
92. Nwankwoala, H. O. and **Amadi, A. N.**, (2013). Hydro-geochemical Attributes and Quality Status of Groundwater in Port Harcourt, Eastern Niger Delta. *World Journal of Science and Technology Research*, 1(7), 151 – 167.
www.wjst.org
93. Omanayin, Y. A., Abdullahi, I. N., **Amadi, A. N.**, Momoh, O. L. and Abdulfatai, I. A., (2013). Integrated Geological and Geotechnical properties of subsoil for shallow foundation design for M. I. Wushishi Housing Estate, Minna, Niger State, and North-central Nigeria. *Centre for Human Settlement and Urban Development Journal*, 4(1), 40 – 52.
94. Momoh, O. L., **Amadi, A. N.**, Abdulfatai, I. A., Omananyi, Y. A., Onoduku, U. S. and Onah, M., (2012). Exploration of groundwater within the Mariam Babangida Girls Science Secondary School, Minna, Northcentral Nigeria using Schlumberger vertical electrical sounding techniques. *Journal of Science, Technology, Mathematics and Education*, 8(3), 21-32.
95. **Amadi, A. N.**, Nwankwoala, H. O., Eze, C. J., Alkali, Y. B. and Waziri, S. H., (2012). A review of waste management techniques in parts of Niger Delta, Nigeria. *Centre for Human Settlement and Urban Development Journal*, 3(1), 98 – 108
96. **Amadi, A. N.**, Olasehinde, P. I., Okosun, E. A., Okoye, N. O., Okunlola, I. A., Alkali, Y. B. and Dan-Hassan, M. A., (2012). A Comparative study on the Impact of Avu and Ihie Dumpsites on Soil Quality in Southeastern Nigeria. *American Journal of Chemistry*, 2(1), 17–23. doi:10.5923/j.chemistry.20120201.05.

97. **Amadi, A. N.**, Okoye, N. O., Olasehinde, P. I., Okunlola, I. A., Alkali, Y. B., Ako, T. A. and Chukwu, J. N., (2012). Radiometric Survey as a useful tool in Geological Mapping of western Nigeria. *Journal of Geography and Geology*, 4(1), 242 – 249, doi:10.5539/jgg.v4n1p242.
www.ccsenet.org/jgg
98. **Amadi, A. N.**, (2012). Quality Assessment of Aba River using Heavy Metal Pollution Index. *American Journal of Environmental Engineering*, 2(1), 45 – 49. doi:10.5923/j.ajee.20120201.07.
<http://journal.sapub.org/ajee>
99. **Amadi, A. N.**, Nwankwoala, H. O., Olasehinde, P. I., Okoye, N. O., Okunlola, I. A. and Alkali, Y. B., (2012). Investigation of Aquifer Quality in Bonny Island, Eastern Niger Delta, Nigeria using Geophysical and Geochemical Techniques. *Journal of Emerging Trends in Engineering and Applied Sciences*, 3(1), 180 – 184.
<http://www.jeteas.scholarlinkresearch.org>
100. Alao, D. A. and **Amadi, A. N.**, (2012). Geochemical and Grain-size analysis of Salt-bearing Sediments from Nasarawa area of North-Central Nigeria. *Journal of Emerging Trends in Engineering and Applied Sciences*, 3(2), 281 – 286.
<http://www.jeteas.scholarlinkresearch.org>
101. **Amadi, A. N.**, Yisa, J., Ogbonnaya, I. C., Dan-Hassan, M. A., Jacob, J. O. and Alkali, Y. B., (2012). Quality Evaluation of River Chanchaga using Metal Pollution Index and Principal Component Analysis. *Journal of Geography and Geology*, 4(2), 13 – 21. doi:10.5539/jgg.v4n2p13.
www.ccsenet.org/jgg
102. Dan-Hassan, M. A., Olasehinde, P. I., **Amadi, A. N.**, Yisa, J. and Jacob, J. O., (2012). Spatial and Temporal Distribution of Nitrate Pollution in Groundwater of Abuja, Nigeria. *International Journal of Chemistry*, 4(3), 104 – 112, doi:10.5539/ijc.v4n3p104.
www.ccsenet.org/ijc
103. **Amadi, A. N.**, Eze, C. J., Igwe, C. O., Okunlola, I. A. and Okoye, N. O., (2012). Architect's and Geologist's view on the Causes of Building Failures in Nigeria. *Modern Applied Science*, 6(6), 31 – 38. doi: 10.5539/mas.v6n6p31.
www.ccsenet.org/mas
104. **Amadi, A. N.**, Olasehinde, P. I., Yisa, J., Okosun, E. A., Nwankwoala, H. O. and Alkali, Y. B., (2012). Geostatistical Assessment of Groundwater Quality from Coastal Aquifers of

Eastern Niger Delta, Nigeria. *Geosciences*, 2(3), 51 – 59, doi: 10.5923/j.geo.20120203.03.
<http://journal.sapub.org/geo>

105. **Amadi, A.N.**, Olasehinde, P. I., Okoye, N. O., Momoh, O. L., and Dan-Hassan, M. A., (2012). Hydrogeophysical Exploration for Groundwater Potential in Kataregi, North-central Nigeria. *International Journal of Scientific Research*, 2(1), 9 – 17.
106. **Amadi, A. N.**, (2011). Assessing the Effects of Aladimma Dumpsite on Soil and Groundwater Using Water Quality Index and Factor Analysis. *Australian Journal of Basic and Applied Sciences*, 5(11), 763 – 770.
107. Goki, N. G., **Amadi, A. N.**, Olasehinde, P. I., Dada, S. S., Ikpokonte, E. A. and Adeleye, J. I. D., (2011). Appraising the Structural Geology of Kakuri Sheet 144: Implications for the Tectonic Evolution of the Basement Complex. *Journal of Engineering and Technology Research*, 3(2), 26 – 36.
<http://www.academicjournals.org/JETR>
108. Goki, N. G., **Amadi, A. N.**, Amuneni, O., Agbo, P., Okoye, N. O. and Unuevho, C. I., (2011). Bulk Strain Estimation on Gneisses in central Nigeria: A Preliminary Assessment. *Journal of Engineering and Technology Research*, 3(4), 133 – 138.
<http://www.academicjournals.org/JETR>
109. Jonah, S. A., Okunlola, I. A., **Amadi, A. N.**, Baba-Kutigi, A. N. and Umar, M. O., (2011). Investigation of nitrogen dioxide indices and the creation of a unique geographical information system (GIS) layer for nitrogen dioxide pollution in Minna, Niger State. *Environmental Technology and Science Journal*, 4(1), 74 – 82.
110. **Amadi, A. N.**, (2010). Assessment of Drinking Water Quality from Shallow Aquifers in host Communities of FEDPONEK and FUTO in Imo State, Southeastern Nigeria. *Science Focus: An International Journal of Biological and Physical Sciences*, 15(3), 300 – 311.
111. **Amadi, A. N.**, Yisa, J., Okoye, N. O. and Okunlola, I. A., (2010). Multivariate Statistical Evaluation of the Hydrochemical Facies in Aba, Southeastern Nigeria. *Science Focus: An International Journal of Biological and Physical Sciences*, 15(3), 326 – 337.
112. Okoye, N. O. and **Amadi, A. N.**, (2010). Lithologic Delineation using Radiometric Mapping: A case study of South-western Nigeria. *Journal of Environmental Sciences*, 14(2), 72 – 82.
113. **Amadi, A. N.**, Ameh, M. I. and Jisa, J., (2010). The Impact of Dumpsites on Groundwater Quality in Markurdi Metropolis, Benue State. *Natural and Applied Sciences Journal*, 11(1), 90 – 102.
www.naasjournal-ng.org

114. **Amadi, A. N.**, (2010). Effects of Urbanization on Groundwater Quality: A Case Study of Port Harcourt, Southern Nigeria. *Natural and Applied Sciences Journal*, 11(2), 143 – 152.
www.naasjournal-ng.org
115. Idris-Nda, A., **Amadi, A. N.** and Ismaila, M., (2010). Geotechnical Properties of a mixed Geological Terrain for Road Foundation: A case study of Lapai-Gulu road, Niger State, North-Central Nigeria. *Natural and Applied Sciences Journal*, 11(2), 174 – 180.
www.naasjournal-ng.org
116. **Amadi, A. N.**, (2010). Evaluation of the Groundwater Potential in Ngor-Okpala, Imo State, Nigeria. *Katsina Journal of Pure and Applied sciences*, 2(1&2), 164 – 170.
117. **Amadi, A. N.**, (2010). Industrialization and Groundwater Quality in Eleme, Rivers State. *Katsina Journal of Pure and Applied sciences*, 2(1&2), 171 – 177.
118. **Amadi, A. N.**, (2010). Hydrogeological and Geophysical study of Bosso area of Minna, North-Central Nigeria. *Bayero Journal of Physics and Mathematical Sciences*, 3(1), 66–73.
119. **Amadi, A. N.**, Olasehinde, P. I., Okunlola, I. A., Okoye, N. O. and Waziri, S., (2010). A Multidisciplinary Approach to Subsurface Characterization in Northwest of Minna, Niger State, Nigeria. *Bayero Journal of Physics and Mathematical Sciences*, 3(1), 74 – 83.
120. Egharevba, N. A., **Amadi, A. N.**, Olasehinde, P. I. and Okoye, N. O., (2010). Seasonal variation in the Physico-chemical and Bacteriological Characteristics of Perched Aquifer water from Zaria, North-Central Nigeria. *International Journal of Chemical Sciences*, 3(1), 100 – 107.
121. **Amadi, A. N.**, Olasehinde, P. I., Okosun, E. A. and Yisa, J., (2010). Assessment of the water quality index of Otamiri and Oramiriukwa Rivers. *Physics International*, 1(2), 102 – 109.
www.scipub.org
122. **Amadi, A. N.**, Olasehinde, P. I. and Yisa, J., (2010). Characterization of Groundwater Chemistry in the coastal plain-sand aquifer of Owerri using factor analysis. *International Journal of Physical Sciences*, 5(8), 1306 – 1314.
<http://www.academicjournals.org/IJPS>
123. **Amadi, A. N.** and Olasehinde, P. I. (2010). Application of Remote Sensing Techniques in hydrogeological Mapping of parts of Bosso Area, Minna, North-Central Nigeria. *International Journal of Physical Sciences*, 5(9), 1465 – 1474.
<http://www.academicjournals.org/IJPS>

124. Oke, S. A., **Amadi, A. N.**, Abalaka, A. E., Nwosu, J. E. and Ajibade, S. A., (2009). Index and Compaction Properties of Laterite Deposits for Road Construction in Minna Area, Nigeria. *Nigerian Journal of Construction Technology and Management*, 10(1&2), 28–35.
125. Oke, S. A., **Amadi, A. N.**, Abalaka, A. E. and Akerele, R. T., (2009). Results of Subsoil Investigation on a Collapsed Building site in Lagos, Nigeria. *Nigerian Journal of Construction Technology and Management*, 10(1&2), 36 – 45.
126. **Amadi, A. N.**, (2009). Evaluation of Surface and Groundwater Quality in Owerri Metropolis, Southeastern Nigeria. *International Journal of Chemical Sciences*, 2(2), 212 – 219.
127. **Amadi, A. N.**, Olasehinde, P. I., Okunlola, I. A. and Egharevba N. A., (2009). Assessment of Aquifer Characteristics and Groundwater Quality in Parts of Niger State, North-central Nigeria. *International Journal of Chemical Sciences*, 2(2), 234 – 243.
128. **Amadi, A. N.**, Olasehinde, P. I. and Yisa, J., (2009). Evaluation of Groundwater Quality in Aba metropolis, Southeastern Nigeria using Factor Analysis. *ChemClass Journal*, 6(1), 80 – 89.
129. Oke, S. A., Okeke, O. E., **Amadi, A. N.** and Onoduku, U. S., (2009). Geotechnical Properties of the Subsoil for Designing Shallow Foundation in some selected parts of Chanchaga area, Minna, Nigeria. *Journal of Environmental Science*, 1(1), 45 – 54.
130. **Amadi, A. N.**, (2009). Bacteriological and Physico-chemical Characteristics of different Water Sources in Bida Town, Niger State. *Journal of Environmental Science*, 1(1), 72 – 82.
131. Olasehinde, P. I. and **Amadi, A. N.**, (2009). A review of Borehole Construction, Development and Maintenance Techniques around Owerri and its environs, Southeastern Nigeria. *Journal of Science, Education and Technology*, 2(1), 310 – 321.
132. **Amadi, A. N.**, (2009). Aquifer Characteristics and Groundwater Vulnerability in parts of Warri, Delta State, Nigeria. *Journal of Science, Technology and Mathematics Education*, 6(1), 108 – 123.
133. **Amadi, A. N.**, Olasehinde, P. I., Egharevba, N. A., Idris-Nda, A., Goki, N. G. and Unuevho, C. I., (2009). Hydrogeology and Chemical Quality of Groundwater in Southeastern part of Minna, Niger State, Nigeria. *International Journal of Applied Biological Research*, 1(2), 30 – 37.
134. **Amadi, A. N.**, (2009). Physio-chemical and Bacteriological Evaluation of Groundwater in parts of Aba, Abia State, Southeastern Nigeria. *International Journal of Applied Biological Research*, 1(1), 63 – 71.

135. **Amadi, A. N.**, (2009). Evaluation of Aquifer Characteristics in Southern part of Imo State, Southeastern Nigeria. *Nigerian Journal of Technological Research*, 4(1), 12 – 26.
136. Olasehinde, P. I. and **Amadi, A. N.**, (2009). Assessment of Groundwater Vulnerability in Owerri and its Environs, Southeastern Nigerian. *Nigerian Journal of Technological Research*, 4(1), 27 – 40.
137. **Amadi, A. N.**, Olasehinde, P. I., Idris-Nda, A., Chukwu, J. N. and Egharevba, N. A. (2009). Evaluation of Groundwater Quality in Diko and Environs, Niger State, North-Central Nigeria. *Nigerian Journal of Technological Research*, 4(2), 159 – 169.
138. Okoye, N. O. and **Amadi, A. N.**, (2009). Radiometric Mapping of major Rock types in South-western Nigeria. *Journal of General Studies*, 1(1), 122 – 133.
139. Oke, S. A. and **Amadi, A. N.**, (2008). An Assessment of the Geotechnical Properties of the Subsoil of parts of Federal University of Technology, Minna, Gidan Kwano Campus, for Foundation Design and Construction. *Journal of Science, Education and Technology*, 1(2), 87 – 102.
140. **Amadi, A. N.**, (2008). Assessment of Groundwater Potential of Parts of Owerri, Southeastern Nigeria. *Journal of Science, Education and Technology*, 1(2), 176 – 183.

16.2 CONFERENCE PROCEEDINGS

International

141. Unuevho, C.I., Imooje, M., **Amadi, A.N.** and Udensi, E.E..(2022). *Geological, aeromagnetic and geoelectrical prospecting for groundwater in parts of Maikunkele, Northern Nigeria* [Paper Presentation].12th International Hydrogeological Conference of Greece and Cyprus, Nicosia, Cyprus. March 20 – 22nd, 2022
142. Unuevho, C.I., Onuoha, K.M., **Amadi, A.N.**, Ejepu, S.O., & Udensi, E.E. (2021). Application of Geological and Geophysical Data to Characterise E8000 Reservoir in Afenmai Field of Niger Delta Basin, Nigeria. In A. Abdulkadir (Ed.), *3rd School of Physical Sciences (SPS) Biennial International Conference Book of Proceedings* (pp. 264-273). SPS, Federal University of Technology, Minna, Nigeria.
143. Folorunsho, O. W and **Amadi, A. N.**, (2020). Comparative Study on the Engineering Properties of Pavement Blocks produced from Plastic Wastes and Cement in Lagos, Southwestern Nigeria. *Proceedings of the 56th Annual International Conference & Exhibitions of the Nigerian Mining and Geosciences Society (NMGS)*, held at International Conference Centre, University of Ibadan, between 22nd – 27th March, 2021, pp 128 – 133.

144. Unuevho, C. I., **Amadi, A. N.**, Abdulameen. L. O., Adegoke, E. O., Ejepu. J. S., and Udensi, E.E., (2019). Lithologic Mapping and 2D-Geoelectrical Tomographic Delineation of Graphite Deposit within Kagara, part of Tegna Sheet 142, North-Central Nigeria. *Proceedings of the 4th International Conference on Civil, Environmental, Geology and Mining Engineering* held at Double Tree by Hilton Hotel in Trabzon, Turkey between 20th – 22nd April, 2019, 1189 – 1203. <http://www.icocem.org>
145. Unuevho, C. I., Ajiroba, O. J., **Amadi, A. N.**, Onuoha, K. M. and Udensi, E. E. (2019). Geoelectrical Prospecting for Deep Fracture Aquifers in Kadna, Part of Minna, Sheet164 SW, North-Central Nigeria. *Proceedings of the 4th International Conference on Civil, Environmental, Geology and Mining Engineering* held at Double Tree by Hilton Hotel in Trabzon, Turkey between 20th – 22nd April, 2019, 1204 – 1216. <http://www.icocem.org>.
146. Ameh, I. M., **Amadi, A. N.**, Unuevho, C. I., Okunlola, I. A. and Shaibu, I., (2019). Influx of Foreign Water Drilling Rigs in Nigeria: A Blessing or a Curse. *Proceedings of the 2nd School of Physical Sciences Biennial International Conference*, held at CPES Complex, Bosso Campus, FUT-Minna, between 24th – 27th June, 2019, 244 – 253.
147. Unuevho, C. I., **Amadi, A. N.**, Okesipe, D. O., Adeniji, O. J., Udensi, E. E., and Goki, N. G., (2019). Geological and Geoelectrical Prospecting for Manganese Ore within Tashan-Kade in Tegna Sheet 142, North-central Nigeria. *Proceedings of the 2nd School of Physical Sciences Biennial International Conference*, held at CPES Complex, Bosso Campus, FUT-Minna, between 24th – 27th June, 2019, 411 – 417.
148. Musa, A., **Amadi, A. N.**, Ebieme, E. E. and Ameh, I. M., (2017). Hydrogeochemical Investigation of Surface and Groundwater Quality around Anguwan Maigiru Mining Sites, Niger State, Northcentral Nigeria. *Proceedings of the 1st School of Physical Sciences Biennial International Conference*, held at CPES Complex, Bosso Campus, FUT-Minna, between 4th – 5th May, 2017, 418 – 433.
149. Dan-Hassan, M. A., **Amadi, A. N.**, Olasehinde, P. I., Okoye, N. O. and Ameh, I. M., (2017). Application of Environmental Isotopes in Elucidating Groundwater Recharge in Abuja, North-central Nigeria. *Proceedings of School of Physical Sciences 1st Biennial International Conference*, held at CPES Complex, Bosso Campus, FUT-Minna, between 4th – 5th May, 2017, 506 – 526.
150. **Amadi, A. N.**, Olasehinde, P. I., Yisa, J., Nwankwoala, H. O., Ameh, I. M. and Shaibu, I. (2016). Analytical studies on heavy metal contamination of Imo River. *Proceedings of the International Conference on Education, Development and Innovation (INCEDI)*, held at Tang Palace Hotel, Accra, Ghana, between 29th – 31st August, 2016, 962 – 973.

151. Dan-Hassan, M. A., Olasehinde, P. I., **Amadi, A. N.**, Unuevho, C. I. and Okoye, N. O. (2016). Evaluation of Groundwater Chemistry in parts of Abuja, Nigeria using Factor Analysis and Water Quality Index. *Proceedings of the International Conference on Education, Development and Innovation (INCEDI)*, held at Tang Palace Hotel, Accra, Ghana, between 29th – 31st August, 2016, 974 – 990.
152. Angwa, E. M., **Amadi, A. N.**, Olasehinde, P. I., Ameh, I. M., Shaibu, I. and Okoye, N. O., (2016). Hydrogeochemical Assessment of Groundwater Quality in Federal Housing Estate Lugbe, Abuja, Nigeria. *Proceedings of the 7th International Conference of the Nigeria Association of Hydrological Sciences*, held at Chemical Engineering Complex, FUT-Minna, between 18th – 21st October, 2016, 180 – 187.
153. **Amadi, A. N.**, Nwankwoala, H. O., Ameh, I. M., Shaibu, I. and Okoye, N. O., (2016). The role of Groundwater in Poverty Alleviation and Sustainable Development in Nigeria: Challenges and Opportunities. *Proceedings of the 4th International Conference of School of Science and Technology Education*, held at CPES Complex, Bosso Campus, FUT-Minna, between 4th – 7th October, 2016, 127 – 139.
154. Olasehinde, P. I., **Amadi, A. N.**, Yisa, J., Dan-Hassan, M. A., Okoye, N. O. and Shaibu, I., (2016). A study of fluoride occurrence and some heavy metals in Groundwater from shallow Aquifers near Ogbomosho, Southwest Nigeria. *Proceedings of the 12th ChemClass Conference (Zaria Chapter)*, held at School of Postgraduate Studies, ABU Zaria, between 2nd – 3rd June, 2016, 152 – 160.
155. **Amadi, A. N.**, Ameh, I. M., Okunlola, I. A., Dan-Hassan, M. A. and Tukur, A., (2015). Geoscience investigation of selected sites in Minna for siting a sanitary landfill. *Proceedings of the 1st International Engineering Conference, School of Engineering and Engineering Technology, Federal University of Technology Minna, Nigeria*, held at Chemical Engineering Complex, FUT-Minna, between 1st– 3rd September, 2015, 181 – 189.
156. Dan-Hassan, M. A., **Amadi, A. N.**, Yaya, O. O. and Okunlola, I. A., (2015). Managing Nigerian's Groundwater Resources for Safe Drinking Water. *Proceedings of the 6th International Conference and Annual General Meeting of the Nigerian Association of Hydrological Sciences*, held at School of Postgraduate Studies, ABU Zaria, between 15th – 18th September, 2015, 85 – 91.
157. **Amadi, A. N.**, Olasehinde, P. I., Okosun, E. A. and Yisa, J. (2013). Characterization of Hydrochemical facies and water quality of the coastal plain sand aquifers of parts of Eastern Niger Delta, Nigeria. *13th South African Biennial Groundwater Division Conference & Exhibition*, held at Southern Sun Elangeni Hotel, 63 Snell Parade, Durban, South Africa, between 17th – 19th September, 2013, pp 72.

16.3 ACADEMIC TEXT-BOOKS/CHAPTERS IN BOOKS:

158. Okoye, N. O. and **Amadi, A. N.**, (2011). *Essentials of Structural Geology*. Vital Prints Production, Nigeria, 103p.
159. Okoye, N. O., **Amadi, A. N.**, Nwankwoala, H. O. and Dan-Hassan, M. A., (2017). *Fundamentals of Plate Tectonics*, Unilorin Press, 71p.

16.4 TECHNICAL PAPERS/REPORTS

160. Obaje, N. G., Hamza, H., Aweda, A. K., Umar, U. M., Blumenberg, M., Goki, N., **Amadi, A. N.**, Idris-Nda, A. and Ozoji, T., (2016). Interim Report on the Assessment of some Nigerian Coal Deposit as raw materials for the production of New Brand of Smokeless Fuel (Interim Report). Ibrahim Badamasi Babangida University Lapai (IBBUL) and Tertiary Education Trust Fund (TetFund) National Grant Project awarded in 2016.

16.5 CONFERENCE PAPERS

161. Maspalma, S. S., **Amadi, A. N.**, Waziri, N. M. and Olarinoye, I. O., (2023). Assessment of Natural Radioactivity and Radiological Hazards from Soils in Mayo-Lope area, Northeastern Nigeria. *Annual Conference of the Ghana Institute of Geoscientists (GHIGCON-2023)*, held at University of Ghana, Legon-Accra, Ghana, between 24th – 27th October, 2023, Pp 68.
162. Umoru, T. A., **Amadi, A. N.**, Otache, M. Y. and Unuevho, I. C., (2023). Evaluation of Rainfall Variability and its Impact on the Water Resources in Orle River Basin, Auchi, Nigeria. *Annual Conference of the Ghana Institute of Geoscientists (GHIGCON-2023)*, held at University of Ghana, Legon-Accra, Ghana, between 24th – 27th October, 2023, Pp 79.
163. **Amadi, A. N.**, Tukur, A., Maspalma, S. S., Okunlola, I. A., Unuevho, C. I., Olasehinde, P. I., Ameh, I. M. and Shauibu, I., (2019). Comparative Analysis of Fluoride Occurrence in Groundwater Systems of Hong and Zango area, Northern Nigeria. *Annual International Conference of the Ghana Institution of Geoscientists* held at University of Mines and Technology, Tarkwa, Ghana, between 13th – 16th August, 2019, Pp 53.
164. Igbomor, B. A. and **Amadi, A. N.**, (2019). Evaluation of Groundwater Quality in Onitsha, Southeastern Nigeria using Water Quality Index (WQI) and Metal Pollution Index (MPI). *Annual International Conference of the Ghana Institution of Geoscientists* held at University of Mines and Technology, Tarkwa, Ghana, between 13th – 16th August, 2019, Pp 55.
165. Ameh, I. M., Idris-Nda, A., **Amadi, A. N.**, Ansel, Y. A., Waziri, S. H. and Abubakar, A. E., (2019). Foundation Studies for Bridge Design and Construction at the down-stream of

Shiroro Hydropower plant using Geoelectric Method. *2nd International Association of Engineering Geologist (IAEG) Africa Regional Congress & 4th Annual International Conference of Nigerian Association for Engineering Geology and the Environment (NAEGE)*, held at Hotel De-Bently, Abuja, Nigeria between 27th – 30th October, 2019, pp 23.

166. Obaje, N. O., Hamza, H., Goki, N. G., **Amadi, A. N.**, Aweda, A. K., Umar, U. M. and Ozoji, T. M., (2016). Coal Deposits in Nigeria: Recent Organic Geochemical Data Interpreted in line of their Energy Conversion Efficiencies. *26th Colloquium of African Geology, held at International Conference Centre, University of Ibadan, Nigeria* between 23rd – 27th November, 2016, pp 112.
167. Ejepu, J. S., Idris-Nda, A., **Amadi, A. N.**, Alhassan, D. U. and Abdullahi, D. S., (2016). Evaluation of Groundwater Potential and Aquifer Protective Capacity of Overburden units in Paiko, North-central Nigeria using Integrated Hydrogeophysical Survey. *26th Colloquium of African Geology, held at International Conference Centre, University of Ibadan, Nigeria* between 23rd – 27th November, 2016, pp 133.

17.0 Referee

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18.0 EXTRA-CURRICULAR ACTIVITIES:

Watching and Analyzing Football Matches

Geological Mapping and Lithology Interpretation

Taking Photography and Listening to Music



2023

Prof. Akobundu N. Amadi

25th December,