

OBED FIIFI FYNN

P.O. Box 214, Sunyani | c:(+233)504474805/ 244474805 | obed.fynn@uenr.edu.gh

SUMMARY

Results-focused Geo-Science professional with strengths in numerical modeling, climate change adaptation, remote sensing, geological investigation and assessment, geotechnical engineering, machine learning applications and integrated social policy analyst. Research scientist with in-depth field practical experience in the development and effective utilization of earth resources. My teaching experience and skills are paramount in supporting human development and collaboration. Proficient in leveraging best practices and skilled knowledge to promote the effective utilization of earth's natural resources. Adept at managing projects in an efficient and timely manner.

EDUCATION AND TRAINING

Certificate, MOOC: Water Accounting and Auditing – Track A: Technical Food and Agriculture Organisation of the United Nations	August, 2022
PhD, Earth Science University of Ghana – Legon, Ghana	December, 2020
Certificate, Project Management Geological Society of South Africa – Johannesburg, South Africa	October, 2020
Certificate, Basic in PV Solar Photovoltaic Systems Don Bosco Solar and Renewable Energy Centre – Ashaiman, Ghana	September, 2020
Certificate, Geophysics Field School Facilitator University of Ghana – Legon, Ghana	December 2019
M.Phil., Geology University of Ghana – Legon, Ghana	July 2014
Certificate, Climate Change Modeling University of Ghana – Legon, Ghana	May 2013
Certificate, Climate Change Modeling University of Ghana – Legon, Ghana	February 2013
B.Sc., Earth Science University for Development Studies – Navrongo, Ghana	July 2011

WORK EXPERIENCE

Lecturer October 2024 to Date
University of Energy and Natural Resources (UENR) – Sunyani, Ghana
Lecture students in the field of Geospatial Science, assess them, supervise examination as well as final year projects/ thesis. Research Coordinator in developing research strategies, development of proposals in sourcing for funding and attracting relevant stakeholders in the Department of Geospatial Sciences. Equally, I double as the seminar and outreach coordinator for the department.

Research Scientist July 2021 to Oct. 2024
Water Research Institute (CSIR) – Accra, Ghana
Development of proposals for grant, offer training on the use of field equipment's and software's in the fields of hydrogeology, geological engineering and climate variability studies. Field supervision and routine monitoring of on-going projects. Offering consultative services and drafting of reports in earth resources development and management.

Researcher July 2022 to Sept, 2023
University of Ghana – Accra, Ghana
Co-Investigator/ researcher on the **Global Hunger and Food Security Research Strategy: Climate Resilience, Nutrition and Policy – Feed the Future Innovation Lab for Small Scale Irrigation Project** of the Department of Earth Science, University of Ghana, (July, 2022 to May, 2023).

Consulting Hydrogeologist June 2020 to Nov. 2020
SAL Consult Limited – Accra, Ghana
Independently lead geophysical site investigation leading to the drilling, development, construction, water quality analysis and report writing of 41 no. boreholes within the Ahafo Ano South East district of the Ashanti region. Overseeing the construction of overhead water supply systems for two small communities.

Consulting Geologist/ Hydrogeologist Aug 2016 to Sept 2019
Terra Pangea Resources Management Limited – Accra, Ghana
Worked closely with team members in the planning and exploration, drilling, construction and development of earths natural resources.

Teaching Assistant Sep 2014 to Jun 2015
University of Ghana – Accra, Ghana
Independently lead three lectures, directed review sessions, and graded class assignments and projects. Lead students in laboratory and field practical sessions. Conducting and supervising examination, offering tutorials, undertaking researches and assisting students with project works. Embarking on field exercises with students on the practicality of known theories.

Graduate Assistant Aug 2013 to June 2014
University of Ghana – Accra, Ghana

Lecturing, conducting and supervising examination, offering tutorials, undertaking researches and assisting students with project works. Embarking on field exercises with students.

Consulting Exploration Geologist Apr 2012 to Aug 2014

Manox Mining Company – Bibiani, Ghana

Leading the exploration and drilling team. Undertaking feasibility studies leading to operation, train workers on best mine safety practices, manage available resources and take effective decisions. Engineer the water supply and treatment system.

Teaching Assistant Aug 2011 to July 2012

University for Development Studies – Navrongo, Ghana

Offering tutorials to students, undertaking research and assisting students with project works. Most importantly, leading student on field practical exercises to better their understanding of the theoretical knowledge obtained.

Internship May 2010 to July 2010

Water Research Institute of Council for Scientific and Industrial Research – Accra, Ghana

Laboratory analysis of water and soil samples, processing of borehole logged data and hydrochemical data as well as writing technical report. Undertook practical field exercises with a team that supervised water and environmental project while verifying regulatory compliance.

PROJECTS/ FIELD EXPERIENCE

- Hydrogeological and geochemical assessment of Keta strip on the **Global Hunger and Food Security Research Strategy: Climate Resilience, Nutrition and Policy – Feed the Future Innovation Lab for Small Scale Irrigation Project (2022 -2023)**
- Hydrogeological assessment of water resources for Juaben Oil Mills Limited, (2024).
- Supervised the siting, drilling, construction and development of 8 no boreholes at Oyibi in the Eastern Region of Ghana, (2019).
- Geophysical investigation to determine suitable borehole drilling points at Ullor Senior High School, Upper West Region (2018).
- Hydro-Geophysical Investigation for Borehole Site Selection at Asofan in the Greater Accra Region (2018).
- Supervising the Drilling, Construction, Development and Monitoring of 25 no. Boreholes within the Nasia Basin of Ghana (PhD field report, 2017 – 2018).
- Drilling Supervisor in charge of Consultancy Services for Hydrogeological Studies and Supervision of 41no Boreholes in 39no communities in Krachi East District in the Volta Region (2013).
- Assistant drilling supervisor of 20no. boreholes in selected communities of the West & East Mamprusi, Bunkpurugu-Yunyoo and Chereponi Districts of the Northern Region of Ghana under GoG/20,000 borehole drilling project (2012).

SKILLS

- Adept with analysis and interpretation of geological and hydrochemistry Data
- Versatile in Remote sensing analysis and interpretation
- Skillful in natural resources prospect and development
- Adept with some classes of computer software such as GeoScene3D, QGIS, ArcMap, SPSS, Stata, Groundwater Modeling Software (GMS), MIKE SHE, Microsoft Office, Delta Graph, Network Application, Computer Aided Design (CAD))
- Familiar with programming in python and R studios
- Admirable communication skills both orally and written
- Uphold high ethical values and adhere to organizational values and policies

TEACHING EXPERIENCE

Course Taught:

COURSE CODE	COURSE TITLE	CREDITS
DGIS 105	Introductory Physical Geography	3
DGES 255/ GISS 105/ DGES 153	Physical Geography	2/ 3
DGIS 205	Introduction to Geodatabases	2
DGEO 205/ GEOM 205/ GISS 108	Introduction to Global Navigation Satellite Systems	3
DGES 251	Soil & Water Pollution	2
APGE 155	Basic Environmental Science	2
GISS 201	Statistics for Geoscientist I	3
SMIN 201	Geology of Ghana	3
SMIN 103/ DMIN 103	Physical Geology & Geomorphology	3
DGIS 108	Statistics for Geoscientist	2
CCSD 100/ GEOM 104	Introduction to the Earth Sciences	3
GISS 202/ DGES 357	Introduction to Earth System Sciences	3
GISS 204	Statistics for Geoscientist II	3
GISS 314	Research Methods	3
APGE 158:	Physical Geolog	2
APGE 256	Hydrology & Drainage	3
SMIN / DMIN 206	Geology of Africa	3
SMIN 208	Geological Mapping Techniques	3

DMIN 205	Introduction to Engineering Geology	3
SMIN 311	Engineering Geology I	3
DGES 356	Fundamentals of Environmental Law	2
DGES 254	Spatial Analysis	3
DMIN 204	Mining Geology	3

Curriculum Development:

PROGRAMME	LEVEL	DEPARTMENT	STATUS
GeoHealth	BSc.	Geospatial Sciences	Uploaded to AMIS
GeoHealth	MPhil.	Geospatial Sciences	Uploaded to AMIS
Geohealth	Ph.D.	Geospatial Sciences	Uploaded to AMIS
Geology	BSc.	Geospatial Sciences	Pending GTEC Approval
Subsurface Intelligenc	Professional Certificate	Geospatial Sciences	Yet to be Rolled

Student Thesis Supervision:

ROLE	STUDENT NAME	Degree	Project Title	Status
Main Supervisor	Keziah Oforiwaa Awuah (Ms)	MPhil. Geoinformation Science	Optimizing Watershed Management through the Analysis of Spatial Temporal Variability in Run-off, Erosion and Land-use Dynamics.	Yet to Submit
Main Supervisor	Adesa Kofi Gbengor	MPhil. Geoinformation Science	Analysis and Optimization of healthcare access in Rural Areas-Case study - Oti Region.	Yet to submit
Co-Supervisor	Maajed Ibn Musah	MPhil. Geoinformation Science	GeoAI for Mine Safety and Hazard Prediction.	Yet to submit
Co-Supervisor	Amaning Raphael Kwakye	MPhil. Geoinformation Science	Mapping the spatial distribution of Arsenic, Mercury, and cyanide contamination from illegal mining activities and its impact on surrounding communities.	Yet to Submit
Main Supervisor	Ophelia Fokuo (Ms)	MSc. Geoinformation Science	Monitoring Green Space in Urban Areas	Defended
Main Supervisor	Emmanuel Kofi Sarfo Kantanka	MSc. Geoinformation Science	Spatial Assessment of Agricultural Land Displacement in the Sunyani Municipality.	Defended

Co-Supervisor	Amina Abena Ayub (Ms)	MSc. Geoinformation Science	Geospatial Mapping of the May 18, 2025 Floods in Accra.	Yet to submit
Co-Supervisor	Vera Boatemaa Richmond Gyesaw	BSc. Geoinformation Science	Impact of degraded lands(Forest) on carbon sequestration potentials	Completed
Co-Supervisor	George Asare	BSc. Geoinformation Science	Suitable site selection and study of the trend of cashew plantations in Ghana	Completed
Main Supervisor	Opoku Godfred Takyiwaa Anyimadu Beatrice Afawua Marvellous	Dip. Geoinformation Science	Assessing Groundwater Quality in the Nasia Basin Using GIS and Remote Sensing	Completed
Co-Supervisor	Maxmellian Antwi-Agyei Kelvin Jabadi	Dip. Geomatics	Establishment of a Geodetic Control Network and Preliminary Terrain Analysis for UENR Dormaa Campus (New Site), Using GNSS and Satellite DEM	Completed
Co-Supervisor	Asiamah Kofi Samuel Jemilatu Salifu	Dip. Geomatics	Cadastral Mapping and Land Parcel Analysis, Selected Sections of Dormaa Ahenkro	Completed
Main Supervisor	Otto John Ashiagbor Gabriel Bonsu Gyamera	Dip. Geomatics	Predicting Groundwater Availability Using Remote Sensing AND GIS	Completed
Co-Supervisor	Rahman Abdul Moli Yakubu Fred Kwesi Asante Alhassan Jadirhaq	Dip. Geomatics	Site Selection for Waste Disposal in Dormaa Central Municipal	Completed
Main Supervisor	OWUSU ACHIAA RHODA AHENKORAH Emmanuel OBENG Theodora JIMAH Peterclever Zorga	BSc. Planning	Assessing the effectiveness of Forest and Land Resources Management and Conservation Practices in Dormaa Central Municipal, Ghana	Yet to complete
Main Supervisor	AMOAH Christian Awingura Bekoe Daniel ALHASSAN Nurudeen OPOKU	BSc. Planning	Analyzing the trend of road accidents on the Sunyani-Berekum Road	Yet to complete

	AGYEMANG Rebecca				
Main Supercisor	GYAMFI GODFRED	Dip. Geoinformation	Hostel to Lecture Theatre Distance, Student Performance and Lecturers Response		Yet to complete
	AZURE IBRAHIM AYISHA				
	ZOYELLEY SYVESTER JUNIOR				
Main Supervisor	Adams Fauzan	Dip. Geomatics			Yet to complete
	Fremponmaa Rebecca				
	Amos Isaac				
Main Supervisor	Tika Fuseini Falaham	BSc. Geoinformation Science	GIS Based Spatial Accessibility Analysis of Public Basic Schools in the Sunyani West		Yet to complete
	Saabomeh Susana				

COMMUNITY SERVICE & LEADERSHIP

IIINSTITUTION	ROLE	PERIOD
UENR - Department of Geospatial Sciences	Member, Departmental Admission Committee	2025/2026
UENR - Department of Geospatial Sciences	Department's Research Coordinator	2025/ 2026
UENR - Department of Geospatial Sciences	Departement's Examination Officer	2025/ 2026
Journal of African Earth Science	Reviewer	2025/ 2026
Asian Journal of Geographical Research	Reviewer	2025/ 2026
Springer - Discover Environment	Reviewer	05-02-2026
Springer - Discover Water	Reviewer	07-01-2026
UENR - Graduate School	Appointment As MSc. Thesis Examiner	16-06-2026
UENR - Graduate School	Appointment As MPhil. Thesis Examiner	25-10-2025
UENR - Graduate School	Appointment As MSc. Thesis Examiner	27-09-2025
UENR - Graduate School	Appointment As MPhil. Thesis Examiner	27-09-2025
UENR - School of Geosciences	Representative To The Board of International Relations	June, 2025

Frontiers in Remote Sensing	Reviewer	June, 2025
Frontiers of Environmental Science	Reviewer	April, 2025
Ghana Institute of Geoscientists	CAG31 Accra 2027 Local Organising Committee	May, 2026
Environmental Europe Science	Reviewer	03-11-2025
Environmental Geochemistry and Health	Reviewer	31-10-2025
Soil abd Sediment Contamination	Reviewer	21-10-2025
Environmental Geochemistry and Health	Reviewer	15-10-2025
Discover Water	Reviewer	25-09-2025
UENR - School of Geosciences	Member, Schools Research Retreat Committee	01-12-2025 to 30-04-2026
UENR - Department of Geospatial Sciences	Seminar and Outreach Coordinator	2025
UENR - Department of Geospatial Sciences	Research Coordinator	2025

RESEARCH INTEREST

- Deep learning application in subsurface intelligence studies for precious mineral resources and petroleum systems.
- Impacts of Climate change variability on groundwater and surface water budgets systems.
- Hydrochemistry of surface and groundwater systems: the application of multivariate statistical methods, isotope and mass balance methods to determine the major controls on the quality of surface and groundwater systems.
- Watershed management (Numerical Modeling): the use of flow simulation models to develop decision support systems for the effective management of watersheds under arid to semiarid conditions.
- Exploration, drilling, development and monitoring of natural earth systems.
- Application of GeoAI and remotely sensed data in geoscience.
- Data science and machine learning application

JOURNAL PUBLICATIONS

1. Sagoe, S. D., Kazapoe, R. W., Kwayisi, D., Alidu, S., **Fynn, O. F.**, Addai, M. O., & Awog-badek, D. A. (2026). Source apportionment and stochastic evaluation of soil contamination and human health risks of potentially toxic elements in Nangodi, northern Ghana. *Discover Soil*, 3(1), 73.
2. Asare, R., Kazapoe, R. W., **Fynn, O. F.**, & Sagoe, S. D. (2026). Distribution, Metallo-Toxicological Interactions, and Health Risks of Selected PTEs in Mining Enclaves within the Atiwa Forest Area, Southern Ghana. *Economic and Environmental Geology*, 59(2), 317-336.
3. Kazapoe, R. W., Kwayisi, D., Awog-badek, D. A., Alidu, S., **Fynn, O. F.**, & Sagoe, S. D. (2026). Stochastic framework for source quantification and health risk evaluation of soil potentially toxic elements in the Maluwe-Tinga-Wasipe Corridor, Savannah Region, Ghana. *Discover Geoscience*, 4(1), 157.
4. Loh, Y. S. A., Owusu, F., Domfe, G., **Fynn, O. F.**, Lartsey, P. E., & Agyekum, E. A. (2026). Collective action for sustainable groundwater governance: A case study of irrigation groundwater management in the fragile ecosystem of the Keta Strip, Ghana. *Hydrogeology Journal*, 1-19.
5. Loh, Y. A. S., Fynn, F. O., Agbo, K. M., Agyekum, A. E. (2026). ESTIMATION OF GROUNDWATER RECHARGE OF THE HEAVILY EXPLOITED AQUIFER OF THE KETA STRIP USING THE WATER TABLE FLUCTUATION METHOD. *Journal of Ghana Science Association*, Volume 23(2). Date of Publication: 3rd March 2026, ISSN: 2737-713X.
6. Asare, R., Kazapoe, R. W., **Fynn, O. F.**, Sagoe, S. D., Turkson, J., Ibrahim, K., ... & Nyame, F. K. (2026). Groundwater Quality, Pollution Sources, and Health Risk Assessment in a Mining-Dominated District: A Case Study from Atiwa West, Ghana. *Journal of African Earth Sciences*, 106029.
7. Sagoe, S. D., Kwayisi, D., Alidu, S., Amuah, E. E. Y., Addai, M. O., **Fynn, O. F.**, & Kazapoe, R. W. (2025). Ecological Risk Assessment and Source Apportionment of Potentially Toxic Elements in an Emerging Mining Zone Region of Northwestern Ghana. *Results in Engineering*, 106840.
8. Kazapoe, R. W., Mvile, B. N., Kalimenze, J. D., Sagoe, S. D., Awog-badek, D. A., **Fynn, O. F.**, & Konate, S. I. (2025). Resolving Geogenic and Anthropogenic Sources of Soil Contamination in Central Tanzania Using Probabilistic and Machine Learning Approaches. *Economic and Environmental Geology*, 58(6), 771-791.
9. Kazapoe, R. W., Mvile, B. N., Kalimenze, J. D., Kwayisi, D., Amuah, E. E. Y., Sagoe, S. D., **Fynn, O. F.**, & Opoku, P. A. (2025). A data-intensive framework for evaluating ecological and human health impacts of soil potentially toxic elements (PTEs) in the mining-endemic region of Singida, Tanzania. *Environmental Geochemistry and Health*, 47(10), 1-27.
10. Kazapoe, R. W., Kwayisi, D., Alidu, S., **Fynn, O. F.**, Sagoe, S. D., Amuah, E. E. Y., & Nyavor, E. (2025). Patterns and Source Apportionment of Potentially Toxic Elements Distribution in the Soils of the Nangodi Area, Northeast Ghana: A Multivariate and Machine Learning Approach. *Journal of Hazardous Materials Advances*, 100688.
11. Kazapoe, R. W., Kwayisi, D., Alidu, S., Sagoe, S. D., Umaru, A. O., Amuah, E. E. Y., ... & **Fynn, O. F.** (2025). Advanced Analysis of Soil Pollution in Northeastern Ghana Using Variational Autoencoders (VAE) and Positive Matrix Factorization (PMF). *Environmental and Sustainability Indicators*, 100627.
12. Kazapoe, R. W., Kwayisi, D., Alidu, S., Sagoe, S. D., Umaru, A. O., Amuah, E. E. Y., ... & **Fynn, O. F.** (2025). Advanced Analysis of Soil Pollution in Northeastern Ghana Using Variational

Autoencoders (VAE) and Positive Matrix Factorization (PMF). *Environmental and Sustainability Indicators*, 100627.

13. Appiah, G., Gyamfi, C., **Fynn, O. F.**, Opoku, E. K., Anyemedu, F. O. K., & Turkson, J. (2024). Sediment transport dynamics in a semi-arid reservoir environment: A case study of the Weija Dam. *Science and Development*, 9(1).
14. Fynn, I. E. M., Sullo, B., & **Fynn, O. F.** (2024). Monitoring Changes in Parts of the Guinea-Savannah Woodlands: A Case Study of Jirapa in Ghana. *Journal of Environmental Geography*, 17(1-4), 57-72.
15. Kazapoe, R. W., Amuah, E. E. Y., Dankwa, P., **Fynn, O. F.**, Addai, M. O., Berdie, B. S., & Douti, N. B. (2024). Fluoride in groundwater sources in Ghana: A multifaceted and country-wide review. *Heliyon*.
16. Obiri-Nyarko, F., Quansah, J. O., Asare, S. V., **Fynn, O. F.**, Okrah, C., Debrah, S. K., & Karikari, A. Y. (2024). Determination of threshold values and heavy metal pollution assessment of soils in an industrial area in Ghana. *Environmental Monitoring and Assessment*, 196(6), 546.
17. Apogba, J. N., Anornu, G. K., Koon, A. B., Dekongmen, B. W., Sunkari, E. D., **Fynn, O. F.**, & Kpiebaya, P. (2024). Application of machine learning techniques to predict groundwater quality in the Nabogo Basin, Northern Ghana. *Heliyon*.
18. Addai Obeng, M., **Fynn, O. F.**, Loh, Y. S. A., Chegbele, L. P., Alo, C., & Yidana, S. M. (2023). Climate and irrigation scenario analyses using three-dimensional numerical modelling: a case study of the Nasia sub-basin in the White Volta Basin, Ghana. *Hydrogeology Journal*, 1-19.
19. **Fynn, O. F.**, Dzikunoo, E. A., Chegbele, L. P., & Yidana, S. M. (2023). Enhancing adaptation to climate change through groundwater-based irrigation. *Sustainable Water Resources Management*, 9(1), 36.
20. Loh, Y. S. A., **Fynn, O. F.**, Manu, E., Afrifa, G. Y., Addai, M. O., Akurugu, B. A., & Yidana, S. M. (2022). Groundwater-surface water interactions: application of hydrochemical and stable isotope tracers to the lake bosumtwi area in Ghana. *Environmental Earth Sciences*, 81(22), 1-15.
21. Loh, Y. S. A., Addai, M. O., **Fynn, O. F.**, & Manu, E. (2021). Characterisation and quality assessment of surface and groundwater in and around Lake Bosumtwi impact craton (Ghana). *Sustainable Water Resources Management*, 7(5), 1-18.
22. Yidana, S. M., Bawoyobie, P., Sakyi, P., & **Fynn, O. F.** (2018). Evolutionary analysis of groundwater flow: Application of multivariate statistical analysis to hydrochemical data in the Densu Basin, Ghana. *Journal of African Earth Sciences*, 138, 167-176.
23. Sakyi, P. A., Asare, R., **Fynn, O. F.**, & Osiakwan, G. M. (2016). Assessment of Groundwater Quality and its Suitability for Domestic and Agricultural Purposes in parts of the Central Region, Ghana. *West African Journal of Applied Ecology*, 24(2), 67-89.
24. **Fynn, O. F.**, Yidana, S. M., Chegbele, L. P., & Yiran, G. B. (2016). Evaluating groundwater recharge processes using stable isotope signatures—the Nabogo catchment of the White Volta, Ghana. *Arabian Journal of Geosciences*, 9(4), 279.
25. Yidana, S. M., **Fynn, O. F.**, Adomako, D., Chegbele, L. P., & Nude, P. M. (2016). Estimation of evapotranspiration losses in the vadose zone using stable isotopes and chloride mass balance method. *Environmental Earth Sciences*, 75(3), 208.
26. Yidana, S. M., Alo, C., Addai, M. O., **Fynn, O. F.**, & Essel, S. K. (2015). Numerical analysis of groundwater flow and potential in parts of a crystalline aquifer system in Northern Ghana. *International Journal of Environmental Science and Technology*, 12(12), 3805-3818.
27. Yidana, S. M., Essel, K. S., Addai, O. M. & **Fynn, F. O.**, (2015). A preliminary analysis of the hydrogeological conditions and groundwater flow in some parts of a crystalline aquifer system: Afigya Sekyere South District, Ghana. *J. Afr. Earth Sci.* (2015), <http://dx.doi.org/10.1016/j.jafrearsci.2014.12.011>.

28. Yidana, S.M., **Fynn, F.O.**, Chegbele, L.P., Loh, Y. & Addai, M.O. (2014). Analysis of groundwater recharge and flow in parts of a weathered aquifer system in Northern Ghana. Journal of Applied Water Engineering and Research, <http://dx.doi.org/10.1080/23249676.2014.954009>.
29. Yidana, S.M., **Fynn, F. O.**, Chegbele, L.P., Nude, P.M. & Asiedu, D.K., (2013). Hydrogeological Conditions of a Crystalline Aquifer: Simulation of Optimal Abstraction Rates under Scenarios of Reduced Recharge, The Scientific World Journal, <http://dx.doi.org/10.1155/2013/606375>.

CONFERENCE PUBLICATION AND EXHIBITION, NEWSLETTERS

1. Kazapoe, R. W., Kwayisi, D., Sagoe, S. D., Anafo, H., **Fynn, O. F.** & Amuah, E. E. Y. (2025). Understanding the Diverging Environmental Challenges of Artisanal and Small-Scale gold mining (ASM) in Ghana's North and South. Geological Society of Africa (GSAf), Volume 13 – Issue 1.
2. Loh, Y. S. A., Agbo, M. K., **Fynn, O. F.**, & Atuobi, E. A., (2024, October). Estimation of Crop Water Requirements in The Keta Strip: Implications for Groundwater Management. National Geoscience Conference, GHIGCON - 2024).
3. Loh, Y. S. A., Agbo, M. K., **Fynn, O. F.**, & Atuobi, E. A., (2024, October). Estimation of Groundwater Recharge of The Heavily Exploited Aquifer of the Keta Strip Using the Water Table Fluctuation Method. National Geoscience Conference, GHIGCON - 2024).
4. Akuetteh, A. N., Akurugu, B. A., **Fynn, O. F.**, Banoeng-Yakobu, B., & Loh, Y. S A., (2023, September). Hydrochemical Characterisation of Dahomeyan Formation Aquifers in the Greater Accra Region, Ghana. 33rd Biennial Conference, Ghana Science Association.
5. **Fynn, O. F.**, (2023, July). Urban Water Demand and Supply Nexus: The Role of Groundwater. Young Geoscience Conference, GhIG. *Key Note Speaker*.
6. **Fynn F. O.**, Yidana S. M., Chegbele L. P., and Henriksen H. J. (2019). Hydraulic Conductivity and Porosity Prediction Based on Grain-Size Distribution Analysis in the Nasia Basin. Ghana Institute of Geoscientist Conference, Tarkwa.
7. **Fynn, O. F.**, Yidana, S. M., Alo, C. A., & Mensah, F. O. (2013, December). A Comparative Analysis of Groundwater Recharge Estimates from Three Major Methods: An Analysis of Subsurface Recharge in the Nabogo Sub-catchment of the White Volta Basin, Northern Ghana. In AGU Fall Meeting Abstracts.

CONFERENCES/ WORKSHOPS & SEMINARS

DESCRIPTION	PERIOD
Seminar by the Department of Geospatial Sciences on the topic - GIS Automation: Infinite Possibilities	9-12-2025
Seminar by Spatial Talents on the topic - Network Routing With Geoppy	9-11-2025
Climate Change: Transition to Sustainability	17-06-2025
Seminar by SEEQUENT on the topic - From Maps to Models with Leapfrog Geo	8-07-2025
Seminar organised by the Department of Geospatial Sciences on the topic - A City Divided: The Urban Sanitation Paradox	21-03-2025

Department of Geospatial Sciences & QUEST Consolidated Limited Collaborative Training: Introduction of The New South Virtual Reality (VR) Simulated Training System	19-02-2025
GHIGCON–2024 Annual Geoscience Conference under the theme: “Strategic Natural Resources Exploration & Exploitation: Guarantee for Sustainable Development”	8-11 October, 2025
Seminar on Machine Learning for Geoscientist Short Course	Oct - Dec, 2024

PROFESSIONAL BODY MEMBERSHIP

- Member, Ghana Institute of Geoscientist
- International Medical Geology Association
- Reviewer, Journal of African Earth Science
- Reviewer, Innovation and Green Development

REFEREES

Prof. Mark Sandow Yidana

Provost, College of Basic and Applied Sciences
University of Ghana – Legon, Accra

yidanas117@gmail.com

Prof. Emmanuel Arhin

Department of Geospatial Sciences
University of Energy and Natural Resources
Dormaa – Ghana

emmanuel.arhin@uenr.edu.gh

Prof. Prosper M. Nude

Department of Earth Science
University of Ghana – Legon, Accra

pmnude@ug.edu.gh