

CURRICULUM VITAE

Department of Geography and Rural Development, Faculty of Social Sciences
Kwame Nkrumah University of Science and Technology, Kumasi
E-Mail: dodameappiah@yahoo.com
Telephone: +233 555-503640

1. **Family name:** APPIAH
2. **First and Middle names:** Divine Kwadwo Odame
3. **Date of birth:** 05/11/1973
4. **Passport holder:** Ghanaian(G1937451)

Personal Profile

Professor Divine Odame Appiah is an Associate Professor of Geography and Environmental Studies. He holds a Doctor of Philosophy Degree (PhD) in Climate Change and Land Use from the Kwame Nkrumah University of Science and Technology, Kumasi. He also holds a Master of Science (MSc) Degree in Environmental Engineering and Sustainable Infrastructure, from the Royal Institute of Technology, Sweden and a Master of Philosophy (MPhil) and Bachelor of Arts (BA Hons) Degrees in Geography and Resource Development, from the University of Ghana, Legon. His research interests lie in the areas of Climate Change, geoinformation application for Land Use/cover and livelihoods. He has project handling experiences and over 80 peer review publication (Google Scholar) in the areas of Environmental and Social Impact Assessment and Resettlement Action Plan, climate change adaptation, peri-urban land use dynamics, forest resources governance, socio-economic impacts of mining and community mobilization and development, community capacity building, household surveys and scenario analyses, resettlement policy and planning as well as rural development experiences. He also researches in the areas of Human Appropriation of Environment or Natural Resource, Environmental Governance and environmental resources management.

5. Education:

Institution (date from - to)	Degree(s) or Diploma(s) obtained:
Kwame Nkrumah University of Science and Technology, (KNUST) Kumasi, Ghana (June, 2016)	Doctor of Philosophy (PhD), Climate Change and Land use
African Academy of Sciences University of Ibadan, Nigeria (December, 2015)	Pre-Doctoral Fellowship in Climate Impact Research Capacity for Leadership Enhancement [CIRCLE]
Royal Institute of Technology (KTH) Stockholm, Sweden (May, 2006)	Master of Science (MSc), Environmental Engineering and Sustainable Infrastructure [EESI]
University of Ghana, (UG) Legon (December, 2005)	Master of Philosophy (MPhil), Geography and Resource Development
University of Ghana, (UG) Legon (May, 2001)	Bachelor of Arts (BA Hons), Geography and Resource Development with Archaeology
Royal institute of Technology/University of Ghana, (KTH/UG) (May, 2001)	Certificate; International Land and water Management
Maastrich School of Management (March, 2018)	Certificate; Project Management Essentials

6. Language skills: Indicate competence on a scale of 1 to 5 (1 excellent - 5 basic)

Language	Reading	Speaking	Writing
English	1	1	1
French	5	5	5
Twi-Akan	1	1	1

7. Membership of professional bodies:

- i. Member, Regional Studies Association (July, 2014- date)
- ii. Alumnus, Prestigious Climate Impact Research and Capacity for Leadership Enhancement Fellowship, (CIRCLE) October, 2015
- iii. Member, Ghana Geographical Association (GGA), August 2006—date
- iv. Patron, Ghana Climate Youth Alliance, KNUST, May, 2012—date
- v. Research gate: https://www.researchgate.net/profile/Divine_Appiah
- vi. LinkedIn: <https://www.linkedin.com/in/dr-divine-odame-appiah->
- vii. ORCID: <https://orcid.org/0000-0003-0086-9833>
- viii. Google Scholar: <https://scholar.google.com/citations?user>

8. Other skills

- i. Microsoft Excel; Microsoft Power Point
- ii. Statistical Programme for Social Scientists (SPSS)
- iii. Remote Sensing & G.I.S; (ArcGIS, ERDAS and ENVI Software)
- iv. Internet surfing (Browsing)

9. Employment History

1. **Associate Professor** (Environmental Management Practice Unit, Department of Geography and Rural Development, Faculty of Social Sciences, Kwame Nkrumah University of Science and Technology, (KNUST)) Teaching, Research, Community extension and Students Theses Supervision and Academic Counselling/Guidance for students.

2. Head of Department (Senior Lecturer, KNUST, August, 2017/18– 2018/19
Department of Geography & Rural Development, Faculty of Social Science, Kwame Nkrumah University of Science and Technology, Kumasi: Offering Administrative Leadership to the department, Research, Teaching, Community extension and Students Projects/Theses Supervision and Academic Counselling/Guidance for students.

3. University **Senior Lecturer**, KNUST, August, 2015– July 2020
Department of Geography & Rural Development, Faculty of Social Science, Kwame Nkrumah University of Science and Technology, Kumasi: Teaching, Research, Community extension and Students Theses Supervision and Academic Counselling/Guidance for students.

4. Departmental Examinations Officer, KNUST, October, 2009– Sept. 2012.
Department of Geography & Rural Development, Faculty of Social Science, Kwame Nkrumah University of Science and Technology, Kumasi: Managing Students Registration, Examinations coordination, marks collation and preparation of Results for Departmental Board, Faculty, College and Audit Board meetings.

4. University **Lecturer**, KNUST, May, 2008–July, 2015
Department of Geography & Rural Development, Faculty of Social Science, Kwame Nkrumah University of Science and Technology, Kumasi. Teaching, Research, Community extension and Students' Theses Supervision and Academic Counselling/Guidance for students.

10. Key qualifications/skills:

- Possesses over 14 years relevant experience in providing Teaching, research, supervision and Consultancy in Environmental and Social Impact Assessment (ESIA) on Highways, Energy Access, Environmental Assessment, Climate Change Mining, Waste to Energy, Forest Resources and Community Management projects in Ghana and other sub-Saharan African Countries.
- Highly conversant with the WB Environmental and Social (ESF) Framework
- Has over 6 years working experience in Solar PV Net-metering Projects in Ghana with different consortia.
- Has over 12 years practical experience in project implementation in environmental sustainability, and Climate Change in African and other Countries

- He has taught Physical Environmental Systems, Climatology and Environmental Management for 14 years in the University of Science and Technology, Kumasi, Ghana.
- Possesses 12 years of international experience with more 5 years of experience in project management, monitoring and evaluation Africa.
- Developed courses and supervised others as Head of Department in the development of MSc Geography and Sustainable Development Degree Programme.
- In depth knowledge of Ecosystem based climate change analysis
- More than 8 years' experience in land tenure and land use issues in Africa
- With over 10 years of experience integrating gender issues in environmental resources projects
- Intensive experience in scenarios analysis in Resettlement Action Planning experiences
- Vast experience in working with international organisations, EU, ITTO, Dfid, ECOWAS, AfDB etc.
- Good knowledge of the use of statistical applications for data analysis e.g. SPSS, etc.
- Good knowledge in computer software applications e.g. Microsoft Excel; Microsoft Power Point Remote Sensing & G.I.S; (ArcGIS, ERDAS and ENVI Software)
- Extensive experience with multi-national stakeholders' engagement and consensus building
- Wide experience of developing survey instruments, field testing and administration
- Extensive communication, organizational, writing and analytical skills acquired as international expert, team leader in 6 different countries with varying audiences.
- Has excellent communication skills in English Language, Twi-Akan and working knowledge of French.

11. Specific experience in the region

Country	Date from - Date to
Ghana	July 2004-present
Sierra Leone	May, 2019
Liberia	March, 2024
Mozambique	August, 2024
Kenya (Nairobi)	January, 2015
Nigeria (Ibadan, Lagos)	February - December, 2015
Zimbabwe (Victoria Falls)	October, 2015
Germany (Stuttgart, Flensburg)	June, 2014
England (Leeds)	September, 2007
Poland (Gdansk)	May, 2004
Sweden (Stockholm)	August, 2003

12. Professional Experience Record

Date from - Date to	Location	Company and contact	Position	Description
May 2022 to April 2024	Ghana	SNV Netherlands Development Organization No. 10 Maseru Street East Legon Barbara White Country Director bwhitenkoala@snv.org	Multicountry Project Manager,	<ul style="list-style-type: none"> • Transformative Land Investment Project Working as Multicountry project manager to coordinate three countries in Africa (Ethiopia, Ghana and Mozambique) in delivering transformative and sustainable land-based investment practices among land-based value chains in Agriculture and Forestry. The goal is to promote land tenure security, sustainable food systems transition, livelihoods resilience and gender and social inclusive among smallholder farmers. <p>Output /Deliverable</p> <ul style="list-style-type: none"> • Coordinating three Project Teams in each focal country • Facilitates the formation and strengthening of existing multistakeholder platforms (MSPs) • Work to lead in the co-development of Risk-Reward Model (RRM) for state agencies regulating land investments. • Overseeing the formation and operationalisation of Civil Society Organisations into Community of Practice (CoPs) • Overseeing the development and implementation of Business Transformation Laboratories (BTLs)
December, 2023-Date	Ghana	Pearl Consultants / African Development Bank (AfDB) Eng. Mayne George West Snr. Practicing Principal atowolosulu@gmail.com	Environmental and Climate Change Expert	<ul style="list-style-type: none"> • Feasibility and Preliminary Studies and Designs for the Bo-Watersite-Jendema Joint Border Post Project • Working as expert with Pearl Consultants, to develop the Environmental and Social Impact Assessment (ESIA) as well as Environmental and Social Safeguards Plan (ESSP). <p>Output/Deliverables:</p> <ul style="list-style-type: none"> • Environmental and Social Impact Statement (ESIS) for EPA Certification • Environmental and Social Management Plan (ESMP) Report
April, 2019 - December, 2022	Ghana	Pearl Consultants / African Development Bank (AfDB) Eng. Mayne George West Snr. Practicing Principal maynesenior@yahoo.com	Environmental and Climate Change Expert	<ul style="list-style-type: none"> • Feasibility and Preliminary Studies and Designs for the Abidjan Lagos Highway Project • Working as expert with Pearl Consultants, to develop the Environmental and Social Impact Assessment (ESIA) as well as Environmental and Social Safeguards Plan (ESSP). <p>Output/Deliverables:</p> <ul style="list-style-type: none"> • Environmental and Social Impact Statement (ESIS) for EPA Certification • Environmental and Social Management Plan (ESMP) Report • Environmental and Social Risk Management Plan (ESRMP) Report

Dec 2020-June 2021	Ghana	The Brew-Hammond Energy Centre, Kwame Nkrumah University of Science and Technology, (KNUST) Director Prof. Francis Kemausuor kemausuor@gmail.com	Environmental and Sustainability Expert	<ul style="list-style-type: none"> • Developing Resettlement Action Plan (RAP) Report • Assessments of Net-metering Solar PV installation in Public institutions <p>Working as the Environmental and Sustainability Scientist on the Ghana Energy Development and Access Project (GEDAP) with Azimut 360 (Spain) and the Brew-Hammond Energy Centre (Ghana), to Identify, select and sensitize 1100 Public facilities from the Educational, Health, Metropolitan, Municipal and District Assemblies (MMDAs), Communication and Security services for the feasibility of the installations of 100kW Solar PV Net-metering system to off-set the Government payment of electricity consumption in the public facilities across the country.</p> <p>Output/Deliverables:</p> <ul style="list-style-type: none"> • Organised Training workshop for field officers for public building assessment • Conducted Key Informant interviews with stakeholders. • Analysed and prepared reports to client • Report on Net-metering Solar PV installation in Public institutions delivered
June-December, 2020	Ghana	West African Science Service Centre for Climate Change and Adapted Land Use (WASCAL) / Federal Ministry of Education and Research, Germany Director: kone.d@wascal.org	Environmental and Climate Change Consultant	<ul style="list-style-type: none"> • Developing Environmental and Social Impact Assessment (ESIA) Statement on Waste to Energy for EPA Certification for the WASCAL Hybrid Waste to Energy as Sustainable Solutions for Ghana <p>Leading as an Environmental and Climate Change Consultant working with for the WASCAL Hybrid Waste to Energy and Solar PV installations as Sustainable Solutions for Ghana Project at Gyankobaah in the Atwima Nwabiagya Municipal, Ashanti Region Ghana.</p> <p>Output/Deliverables:</p> <ul style="list-style-type: none"> • Developed Environmental and Social Impact Assessment (ESIA) for EPA approval and Certification
April-May 2019-Date	Sierra Leone	Chantell Van Wyk, SGS Qualifor, South Africa Chantell.vanwyk@sgs.com	Local Expert/Consultant	<ul style="list-style-type: none"> • Surveillance Auditing of MIRO Forest Ghana and Sierra Leone on SGS Assignments <p>Working as Local expert to conduct Stakeholder engagement of forestry auditing of MIRO Forestry Ghana and MIRO Forestry Sierra Leone, for SGS, South Africa, towards Forest certification.</p> <p>Output/Deliverables:</p>

				<ul style="list-style-type: none"> Provision and Validation of Annual Surveillance Assessment Reports
September 2020 – July 2021	Ghana.	Consentia Management Institute, Ghana Dr. Patrick Ofei pkbofei@gmail.com	Tourism Expert	<ul style="list-style-type: none"> Development of a Five year Strategic Plan for the Ghana Museums and Monuments Board (GMMB). <p>Served as socio-cultural and tourism expert on a five-member team of consultants working with the Consentia Management Institute to develop and present a 5-year Strategic plan for the Ghana Museums and Monuments Board (GMMB).</p> <p>Output/Deliverables: A 5-year Strategic plan for the Ghana Museums and Monuments Board (GMMB) delivered.</p>
May, 2019 – February, 2020	Ghana.	Ministry Of Tourism Art and Culture, Ghana/World Bank Mr. Divine Owusu-Ansah papadiv@hotmail.com	Tourism Expert	<ul style="list-style-type: none"> Developing the National Tourism and Hospitality Training Policy (NTHTP, 2019) <p>Worked as Consultant to develop the National Tourism and Hospitality Training Policy (NTHTP) for Ministry of Tourism Art and Culture (MoTAC) under the Ghana Tourism Development Project and Funded by the World Bank.</p> <p>Deliverable</p> <ul style="list-style-type: none"> The National Tourism and Hospitality Training Policy (NTHTP, 2019) delivered to client
August-September, 2018	Ghana	DNG Dubai Consulting/ Ministry of Energy (Government of Ghana) Reference: Viktorija Namavira Viktorija.Namavira@dnvgl.com	Social Scientist and Resettlement Expert	<ul style="list-style-type: none"> Assessments of Renewable Energy-based Mini-grid and Solar PV standalone electrification and net-metering Solar PV <p>Served as the Socioeconomic Impact Assessment and Resettlement Expert conducting surveys for Environmental and Social Impact Assessments of Renewable Energy-based Mini-grid and Solar PV standalone electrification and net-metering Solar PV for households and SMEs with storage projects in 60 Selected Volta Lake Island Communities, Ghana.</p> <p>Output/Deliverables: A Report on the Environmental and Social Impact Assessments of Renewable Energy-based Mini-grid delivered to client</p>
November 2017-October, 2018	Ghana	KReF Research Fund, OGR, KNUST Prof. R.C Abaidoo	Principal Investigator	<ul style="list-style-type: none"> Assessment of Climate smart adaptation in smallholder farmers in the Ejisu-Juaben Municipal, Ghana.

		abaidoorc@yahoo.com		<p>Leading a collaboration with the Departments of Food and Agriculture and Community Development to build capacities of Smallholder farmers in climate-smart agriculture in rural Ghana.</p> <p>Output/Deliverables</p> <ul style="list-style-type: none"> • Organised Training workshop • Capacity of smallholder farmers built in on-farm water resources management • Report on Assignment delivered to client
January-December, 2015	Nigeria, Ghana	<p>African Academy of Sciences funded by DFID Reference Name: Prof. Berhanu Abegaz ismail.azeez@mail.ui.edu.ng / babegaz@aasciences.org</p>	Consultant	<ul style="list-style-type: none"> • Assessment of Climate Change adaptation in smallholder farmers in the Offinso Municipal, Ghana. <p>Working as Resource Person in Climate Research Uptake Workshop for Smallholder farmers/District Assembly/Forest Services Division/ Dept. Of food & Agriculture in the Offinso Municipal, Ashanti Region.</p> <p>Output/Deliverable</p> <ul style="list-style-type: none"> • Organised Training workshop • Stakeholder engagement meeting • Rural farmers capacity developed in off-farm adaptation to climate change developed
April-April 2014	Ghana	<p>Dr. William Bannerman Intelligence Nature International Email: wbannerman@intelligenzenature.com</p>	Social Scientist / Sup-consultant	<ul style="list-style-type: none"> • Conducting scoping for the expansion in tailings dam of Newmont Ghana Gold Ltd. <p>Working with Intelligence Nature International to develop the report from the conduct of stakeholder engagement meetings on the proposed Tailings dam expansion by Newmont Ghana Gold Mining Company, Ahafo-Kenyase, in the Brong-Ahafo Region of Ghana.</p> <p>Output/Deliverable</p> <ul style="list-style-type: none"> • Stakeholders Engagement meetings • Key-informants Interviewing • Scoping Report submitted on environmental and social impact assessments on rural development, agricultural development and water resources projects to client
March-April, 2014	Ghana	<p>European Union/FORIG Reference Name: Dr. Emmanuel K. Marfo Email:</p>	Research Consultant / Social Scientist	<ul style="list-style-type: none"> • European Union Chainsaw operation and success attribution in Ghana <p>Working developing research Instruments and leading a research team to assess the impact of the European Union chainsaw project on the incidence of illegal chainsaw</p>

		aamarfo@gmail.com		<p>milling operations in eight forest Districts in Ghana.</p> <p>Output/Deliverable</p> <ul style="list-style-type: none"> Household surveys Reports delivering experience in chainsaw attribution in rural development submitted to Tropenbos International.
Febr., 2014	Ghana	Forest Research Institute of Ghana, (FORIG) Kumasi / International Tropical Timber Organisation (ITTO)	Resource Person	<ul style="list-style-type: none"> Assessment and Evaluation of Herbal Medicinal Plants of tropical tree species <p>Working in developing survey instruments and training of Project field assistants and enumerators for primary data collection on the Herbal Medicinal Plants of tropical tree species</p> <p>Relevant methodology/deliverable</p> <ul style="list-style-type: none"> Resource person at Training workshop Instrument developed for surveys
May-May, 2012	Ghana	The Brew-Hammond Energy Centre KNUST, Kumasi, Ghana/ United Nations Development Programme (UNDP), Prof. Francis Kemausuor kemausuor@gmail.com	Social Scientist / Consultant	<ul style="list-style-type: none"> Household Energy Assess for Sustainable Development in Urban Ghana <p>Working with the Brew-Hammond Energy Centre to undertake a household survey and scenario analysis for energy access in rural and urban areas of Ghana.</p> <p>Output/Deliverable</p> <ul style="list-style-type: none"> Report submitted was used to inform energy access decisions in order to formulate policies for sustainable use of woodfuel energy in Ghana.
April, 2009 to date	Ghana	Greenwater Hut Dr. Amos T. Kabo-Bah Email: kabo-bah@greenwaterhut.org	Technical Advisor	<p>Working to offer Technical Advisor and backstopping role to the staff of Greenwater Hut, an Environmental NGO in Ghana, on the conceptualization and development of project proposals.</p> <p>Relevant Methodologies applied/deliverable</p> <ul style="list-style-type: none"> Resource Person at Training workshops Experience is brought to bear on projects delivering rural development, experiences. Report submitted to client to inform programmes and operations
February 2006- November 2008	Ghana	Prof. Raymond Bush Raybush.leeds@edu.ac.uk	Environmental /Social Research Associate	<ul style="list-style-type: none"> Socio-economic effects of Gold mining on community development in Gold mining areas in the western mining enclave, Ghana. <p>Working as Research Associate with Prof. Raymond Bush, Univ. Of Leeds. Tasked with the formulation, development of research instruments, management and evaluation.</p>

				<p>Funded by the British Academy.</p> <p>Relevant Methodologies applied/deliverable</p> <ul style="list-style-type: none">• Household surveys• Key informant interviews• Reports delivering experience in chainsaw attribution in rural development submitted to Tropenbos International.
--	--	--	--	--

13. Other relevant information (e.g. Publications, Patents, Other education, Seminars, lectures attended, Scholarships received):

Selected Publications

1. Benebere, P., Abass, K., Appiah, D.O., Aabeyir, R., Guodaar, L. 2024. Carbon stock potential of preferred woody species for agroforestry in West African Savannah. *Social Sciences & Humanities Open* 10 (2024) 101105, pp.1-9.
2. Tindan, P.D., Segbefia, A.Y., Appiah, D.O. *et al.* 2024. Socio-cultural beliefs on drought in Talensi Ghana: insights for environmental management, social vulnerability, early warning systems and coping and adaptation. *Environ Dev Sustain* **26**, 23479–23498 (2024). <https://doi.org/10.1007/s10668-023-03606-1>
3. Benebere, P., **Appiah, D.O.**, Aabeyir, R., Abass, K., Guodaar, L. 2023. Climate change mitigation potential of agroforestry farms in West African Savanna. *Environmental Challenges* 10 (2023) 10067. <https://www.sciencedirect.com/science/article/pii/S266701002300001X>
4. Asori, M., Mpobi, R.K.J., Morgan, A.K. Appiah, D.O., *et al.* 2023. Is illegal mining socio-politically entrenched? An opinion piece of the interaction between formal politics and chief dominance in mineral governance, and its influence on fighting Galamsey in Ghana. *GeoJournal* 88, 1953–1963 (2023). <https://doi.org/10.1007/s10708-022-10725-1>
5. Guodaar, L & **Appiah, D.O.** 2022. Evolving farm-level adaptation to climate variability and change risks in the forest-savanna transitional zone of Ghana.
6. **Appiah, D.O** & Lawrence Guodaar, L. 2022. Smallholder farmers' perceptions and knowledge on climate variability and perceived effects in vulnerable rural communities in the Offinso Municipality, Ghana. *Environmental Development* 42 (2022) 100691.
7. Tindan, P.D., **Appiah, D.O.**, Segbefia, A.Y. 2022. Attentiveness to Early Warning Drought Information: Implications for Policy Support and Climate Risk Reduction in Ghana. *Int. Journal of Disaster Risk Science* <https://doi.org/10.1007/s13753-021-00390-2>
8. Abass, K., Dumedah, G., Frempong, F., Muntaka, S.A., **Appiah, D.O.**, Garsonu, E.K., Gyasi, RM. 2022. Rising incidence and risks of floods in urban Ghana: Is climate change to blame?, *Cities*, Volume 121, 2022.
9. Boateng, S., Appiah, DO., Buor, D., 2022. Socio-Economic Background of Households and the implication for Housing Choices in Urban Ghana. *Ghana Journal of Geography* Vol. 14 (2), 2022 pages 167-202.
10. Olagunju, A., **Appiah, D.O.**, Cavalcanti, P.M.P.S., Durning, B., Tejada-González, J.C., McLean, J., Morgan, R and Nelson, R. 2021. Cumulative effects assessment requirements in selected developed and developing countries in (Blakley, J.E.A and Franks, D.M) *Handbook of Cumulative Impact Assessment Research Series; Handbooks on Impact Assessment*. Edward Elgar Publishing, 416pp.
11. **Appiah, D.O.**, Asante, F., Antwi-Boadi, L. and Serbeh, R. 2021. "Elderly smallholder farmers' perceptions of and adaptation to climate variability and change in rural Ghana", Working

with Older People, Vol. ahead-of-print No. ahead-of-print. <https://doi.org/10.1108/WWOP-09-2021-0052>

12. **Appiah, D.O.** and Guodaar, L. 2021. Smallholder farmers' perceptions and knowledge on climate variability and perceived effects in vulnerable rural communities in the Offinso Municipality, Ghana. *Environmental Development*, Available online 18 December 2021, 100691.
13. Asori M. and **Appiah D.O.** 2021. Spatio-Temporal Analysis of Wildfire Occurrence Hotspots and Socio-Environmental Predictors in the Atebubu Amantem District, Ghana. *J Geogr Nat Disast* 11:p356.
14. Razak, M. G., Peprah, P. and **Appiah, D.O.** 2020. Association of food insecurity with psychological disorders: Results of a population-based study among older people in Ghana. *Journal of Affective Disorders* 270 (2020) 75–82.
15. **Appiah, D.O.** 2019. Climate Policy Research uptake dynamics for Sustainable Agricultural development in Sub-Saharan Africa. *GeoJournal*, pp. 1-13.
16. Abass, K., **Appiah, D.O.** and Afriyie, K. 2019. Does green space matter? Public knowledge and attitude towards urban greenery in Ghana. *Urban Forestry & Urban Greening* 46 (2019) 126-462.
17. Appiah, D.O, Asante, F. and Nketiah, B. 2019. Perspectives on Agricultural Land Use Conversion and Food Security in Rural Ghana. *Sci* 2019, Vol. 1, (14): 1-13 doi: 10.3390/sci1010014.v1 www.mdpi.com/journal/sci.
18. Boafo, J., **Appiah, D.O.** and Tindan P.D. 2019. Drivers of export-led agriculture in Ghana: The case of emerging cashew production in Ghana's Brong Ahafo Region. *Australasian Review of African Studies*, 2019, 40(1), 31-5. <https://doi.org/10.22160/22035184/ARAS-2019-40-1/31-52>
19. Eshun, G., Tichaawa, T.M. and **Appiah, D.O.** 2019. Towards a sustainable coastal tourism development in Ghana. *African Journal of Hospitality and Leisure*, Vol. 8 (4): 1-18.
20. **Appiah, D.O.** and Obeku K-H. 2019. Analysis of temperature and rainfall trends as proxy for seasonal climatic variability in South-Central Ghana. *Climate Change*, 2019, 5(19), 131-140.
21. Segbefia, A.Y., Honlah E. and **Appiah, D.O.** 2019. Effects of water hyacinth invasion on sustainability of fishing livelihoods along the River Tano and Abby-Tano Lagoon, Ghana, *Cogent Food & Agriculture* (2019), 5: 1654649
22. Honla, E., Segbefia, A.Y., **Appiah, D.O.** and Mensah, M. 2019. Effect of water hyacinth invasion on smallholder farming along River Tano and Tano lagoon, Ghana. *Cogent Food and Agriculture*, Vol. 5: 1-13.

23. **Appiah, D.O.**, Abalo E.M. and Eshun, G., 2019. Arable and forest land user rent in a peri-urban district, Ghana. *GeoJournal*, Vol. 74 (4): 1-12.
24. Honlah, E., **Appiah, D.O.** Segbefia, A.Y. Mensah, M. 2019. The Utility of Water Hyacinth in Communities Along River Tano and Abby-Tano Lagoon, Ghana. *American Journal of Social Science Research*. Vol. 5, No. 1, 2019, pp. 1-9. <http://www.aiscience.org/journal/ajssr>
25. Honlah, E., **Appiah, D.O.** Segbefia, A.Y. 2019. Coping Strategies to Water Hyacinth Invasion Among Riparian Communities in Ghana. *American Journal of Environment and Sustainable Development*. Vol. 4, No. 1, 2019, pp. 12-25 <http://www.aiscience.org/journal/ajesd>
26. Guodaar, L., Asante, F., Eshun, G., Abass, K., Afriyie, K., **Appiah, D.O.**, Gyasi R.M., Atampugre, G. Addai, P. and Kpenekuu, F. 2019. How do climate change adaptation strategies result in unintended maladaptive outcomes? Perspectives of tomato farmers. *International Journal of Vegetable Science*. pp.1-17 <https://doi.org/10.1080/19315260.2019.1573393> .
27. Appiah, D.O and Kyeremeh, E. 2019. Poverty Remedies from the Forest; A Review of Forest Resource Utilization in Ghana. *American Journal of Environment and Sustainable Development*. Vol. 4, No. 2, 2019, pp. 95-100. <http://www.aiscience.org/journal/ajesd>.
28. **Appiah, D.O.** and Eshun, G., Samar, B.S 2018. Analysis of Multiple Factors of Forest Cover Change in a Peri-urban District in Ghana. *Advances in Environmental Stds*. Vol. 2 (2): 122-131.
29. Eshun, G. and **Appiah, D.O.** 2018. Greening Hotels in Africa; Emerging perspectives from Ghana. *EuroEconomica*, Vol. 1 (37): 276-291.
30. **Appiah, D.O.** and Gbeddy, S.E.A. 2018. A synthesis of the implementation ambivalence of REDD+ in Sub-Saharan Africa and Southeast Asia. *Forest and Society*, Vol. 2(1): 92-111.
31. **Appiah, D.O.**, Akondoh, A.C.K., Tabiri, R.K and Donkor, A.A 2018. Smallholder farmers' insight on climate change in rural Ghana. *Cogent Food & Agriculture* (2018), 4: 1-16.
32. **Appiah, D.O.**, Saah, G., Obeng-Koranteng, E and Nyarko, P. 2018. Agricultural modernisation for rural transformation and food security in Ghana. *Journal of Global Resources*, Vol. 4 (01): 32-37.
33. Yamba S. and **Appiah, D. O.** 2018. Analysis of climate variability effect on maize yield in the Bosomtwe district, Ghana. *Journal of Geography and Development*, Vol. 2 (1): 1-31.
34. Wadei, B. and **Appiah, D.O.** 2018. A Systematic Discourse of Mining as a Land Use Activity on Water Resources in Ghana. *International Journal of Environmental Planning and Management* Vol. 4, No. 2, 2018, pp. 22-29. <http://www.aiscience.org/journal/ijepm>

35. **Appiah, D.O.**, Sarfo, M., Famieh, B. and Addai, H. 2017. Environmental and Socioeconomic Perturbations of a Dam Project on Catchment Communities, Ghana. *Global Environmental Health and Safety*, 2017, Vol. 1 No. 2: 13: 1-9.
36. **Appiah, D.O.**, Bugri, J.T., Forkuo E. K and Apreku, T.O. 2017. Geospatial Analysis of Land Use and Land Cover Transitions from 1986–2014 in a Peri-Urban Ghana. *Geosciences*, **2017**, 7 (125); 1-23.
37. **Appiah, D.O.**, Forkuo E. K and Bugri, J.T. 2017. Land Surface Temperature Extracts for Peri-Urban Heat and Rural Cool Troughs in Ghana. *International Journal of Advanced Remote Sensing and GIS*, Vol. 6, (1): 2204-2222.
38. **Appiah, D.O.**, Asante, F. and Nketia, B. 2017. Perceived agricultural land use decisions in a peri-urban district, Ghana. *Journal of Agricultural and Crop Research*, Vol. 5(1): 1-10.
39. Yamba, S., **Appiah, D.O.**, Pokuaa-Siaw, L. and Felix Asante, F. 2017. Smallholder Farmers' Livelihood Security Options amidst Climate Variability and Change in Rural Ghana. *Scientifica*, Vol. 2017; 1-10. DI 1868290, 10p.
40. Abalo, M.E., Peprah, P., **Appiah, D.O.**, Sarpong, S.B.A, Amankwaa, G., Yagah Nakoja Y. 2017. Perceived synergy between deforestation and/or forest degradation and climate variability and change in the Ejisu-Juaben Municipality, Ghana. *Environmental and Socioeconomic Studies*, Vol. 5 (4): 40-56.
41. Benebere, P., Asante, F. and **Appiah, D.O.** 2017. Hindrances to adaptation to water insecurity under climate variability in peri-urban Ghana. *Cogent Social Sciences* Vol. 2017, 3: 1394786.
42. **Appiah, D.O.**, Akondoh, A.C.K. Asante, F. 2017. Potentials of Agroforestry for Climate Change Mitigation Among Smallholder Farmers In the Offinso Municipal, Ghana. *KNUST Journal of Geography and Development*, Vol. 1 (1): 23-46
43. Sarku, R. and **Appiah, D.O.** 2017. Analysis of palm fruit value addition for socio-economic development in the Kwaebibirem District, Ghana. *International Journal of Development and Sustainability*, Vol. 6 (4): 149-167.
44. Boateng, P.K., **Appiah, D.O.**, Ajdei, P.O-W and Mensah, H. 2016. Perceptions of socio-ecological changes and their implications on changes in farming practices and agricultural land uses in the savannas of Northern Ghana. *Environment*, 2016, 3, 33; doi:10.3390/environments3040033.
45. **Appiah, D.O.**, Bugri, J.T., Forkuo E.K and Yamba S. 2016. Agricultural and Forest Land Use Potential for REDD+ among Smallholder Land Users in Rural Ghana. *International Journal of Forestry Research*, Vol. 2016, Article ID 7218305, pp1-7.

46. **Appiah, D.O.**, Bugri, J.T and Forkuo E.K. 2016. Land use conversion probability in a Peri-urban District of Ghana. *Journal of Urban and Environmental Studies* Vol. (3):1-21.

Book chapters/Treatise

- ✓ **Appiah, D.O** and Johnson K. 2017. Climate Policy Ambivalence in Sub-Saharan Africa. *ICCG Reflection* No.60 /November, 7p.
- ✓ **Appiah, D.O.** and Kemausuor, F. 2012. Energy, Environment and Sustainable Development: Africa's Triple Challenge and Options. In Tortora, M. (Edt). *Sustainable Systems and Energy Management at the Regional Level: Comparative Approaches*, IGI Global Publications 166-182pp, DOI:10.4018/978-1-61350-344-7.ch009
- ✓ **Appiah, D. O. 2012.** The Dilemma of Poverty and Safety; The Case of Urban Flooding in the Aboabo River Basin in Kumasi, Ghana In Jha *et al.*, (ed) (2012). *Cities and Flooding: A Guide to Integrated Urban Flood Risk Management*, The World Bank/GHK, 140-141pp.
- ✓ **Appiah, D. O. 2006.** Environmental Impact Assessment Regulations; the level of Compliance by Mining Companies in the Western Mining Enclave, Ghana. TRITA-LWR Master Thesis, ISSN 1651-064X, LWR-EX-06-11. KTH, Sweden.

SELECTED CONFERENCES/WORKSHOPS

1. **Appiah, D.O.** 2022. Mentorship Trainer of Trainers' Workshop, 12th and 13th January, 2022, KNUST, Kumasi, Ghana.
2. **Appiah, D.O.** 2021. Fifteenth ECOWAS Steering Committee and Experts meeting on the Abidjan-Lagos Highway Project. 11-15th October, 2021, Cotonou Benin.
3. **Appiah, D.O.** 2020 (Resource person/Supervisor). Climate Change and Illegal Mining Nexus in Rural Ghana., NEWAL Winter School, February 3-7, 2020, KNUST Kumasi, Ghana
4. Appiah, D.O. 2019 (Resource person). Community Stakeholders engagement meetings for the proposed Abidjan-Lagos Corridor highway, September, 4-14th 2019 in Eight Districts of Ghana.
5. Appiah, D.O. 2019 (Rapporteur). Research Mentorship in Climate Change Research Workshop on Climate Change; 12-15th March, 2019 IDL Conference Centre, KNUST Ghana.
6. **Appiah, D.O. 2018. (Initiator and Convener)** 1st International Conference on Geography and Development. Theme: Climate Change and Sustainable Development. 25th - 27th July, 2018. IDL Conference Centre, KNUST, Kumasi, Ghana.
7. Yiridomoh, G.Y., Owusu, V., **Appiah, D.O.** and Bonye, S.Z. 2019. Smallholder women off-farm adaptation strategies to climate variability in rural Savannah, Ghana. Ghana Association of Agricultural Economists (GAAE). 2nd GAAE Conference , "Ghana's Agriculture, Food Security and Job Creation" 9th - 11th August 2018 Kwame Nkrumah University of Science and Technology (KNUST) Kumasi

8. **Appiah, D.O. 2018.** Stakeholder in the ADLAND-NELGA Research Development Workshop, Kumasi, Ghana, June 4-6, 2018, IDL Conference Centre, Ghana.
9. **Appiah, D.O. 2016** (*Rapporteur*). National Stakeholder Consultation Workshop on Climate Change; 13th January, 2016 WASCAL CCLU Centre, KNUST Ghana.
10. **Appiah, D.O. 2016** (*Resource Person*). A 2-Day Smallholder Farmers' Capacity Empowerment Workshop and Research Findings Dissemination on Climate Change In The Offinso Municipality of the Ashanti Region, Ghana, under Climate Impact Research and Capacity for Leadership Enhancement (CIRCLE), Thursday 17th-Friday 18th September, 2015, at the Offinso District Assembly Town Hall.
11. **Appiah, D.O. 2015** (*Speaker*). Africa's Climate Change Trajectories for Sustainable Development under UNFCCC Article Two for COP 21 In Paris. Paper Presented at the 5th Climate Change for Development in Africa (CCDA-V) Conference, 27th -31st October, 2015, Victoria Falls, Zimbabwe.
12. **Appiah, D.O. 2016** (*Rapporteur*). National Stakeholder Consultation Workshop on Climate Change; 13th January, 2016 WASCAL CCLU Centre, KNUST Ghana.
13. **Appiah, D.O. 2016** (*Resource Person*). A 2-Day Smallholder Farmers' Capacity Empowerment Workshop and Research Findings Dissemination on Climate Change In The Offinso Municipality of the Ashanti Region, Ghana, under Climate Impact Research and Capacity for Leadership Enhancement (CIRCLE), Thursday 17th-Friday 18th September, 2015, at the Offinso District Assembly Town Hall.
14. **Appiah, D.O. 2015** (*Speaker*). Africa's Climate Change Trajectories for Sustainable Development under UNFCCC Article Two for COP 21 In Paris. Paper Presented at the 5th Climate Change for Development in Africa (CCDA-V) Conference, 27th -31st October, 2015, Victoria Falls, Zimbabwe.
15. **Appiah, D.O. 2015** (*Participant*). Stakeholders' Workshop on Promoting Durable Knowledge in African Cities by Activating the African Urban Project Initiative (AURI); (*Group Rapporteur*) 12th March 2015, International Centre for Innovative Learning (ICIL) KNUST, Kumasi Ghana.
16. **Appiah, D.O. 2015** (*Participant*). Climate Impact Project for Capacity and leadership Enhancement (CIRCLE) Inception workshop for 1ST Cohort of CIRCLE Visiting Fellows, 4th—7th February 2015. African Academy of Sciences, Kenya.
17. **Appiah, D.O. 2014** (*Participant*). Applied geo-information for Society and Environment. Seventh international Summer School and Conference 3rd—8th November, 2014. Stuttgart University of Applied Sciences, Stuttgart Germany.
18. **Appiah, D.O. 2012** (*Participant*). International Conference on Integrated Natural Resources Management, College of Agriculture and Natural Resources; 14th -16th March, 2012, International Centre for Innovative Learning (ICIL), KNUST, Kumasi Ghana

19. **Appiah, D.O. 2012 (*Participant*)**. International Workshop on Postgraduate supervision. KNUST/London School of Hygiene and Tropical Medicine, 7th—9th February, 2012, Noda Hotel, Kumasi, Ghana.
20. **Appiah, D.O. 2011** (Section author). The Preparation of a Global Handbook for Urban Flood Risk Management Consultative Workshop, 17 – 18 May, 2011, Accra Ghana. Organized by Global Facility for Disaster Reduction and Recovery, The World Bank/GHK.
21. **Appiah, D.O.** and Anokye B. I. 2011 (*Speaker*). Woodfuels and Carbon Emissions Conduit in Ejura-Sekyeredumase Municipality, Ghana. Presented at the Ghana Geographical Association Annual Conference at the University for Development Studies (UDS) 3rd—6th August 2011.
22. **Appiah, D. O. 2009 (*Speaker*)**. Energy Systems and the Millennium Development Targets in Sub-Saharan Africa; The Role of the Energy Centre, KNUST In The Forefront Of Issues On Energy Systems In Ghana. Presented at the University of Flensburg Competence Meeting on Energy and Sustainability, In Flensburg, Germany from the 28th March –4th April 2009.
23. **Appiah, D.O** and Asante F. 2009 (*Speaker*). “Adaptation to climate change and variability: the case of subsistence Farmers in the Asawase and Apromase in the Ejisu-Juaben Municipality” Presented at the Ghana Geographical Association Annual Conference on the theme: “Fifty years of Geography and National Development” on the topic held from the 5th—8th August 2009 at the Sasakawa Centre in the University of Cape Coast, Ghana.
24. **Appiah, D. O. 2008 (*Participant*)**. Regional Conference on “Foreign Direct investment in the mining sector in Africa” organized by the Third World Network (TWN) and the Review of African Political Economy (ROAPE) UK. From the 5th—7th November, 2008 at M—Plaza Hotel, Accra, Ghana.
25. **Appiah, D.O. 2006 (*Research Associate*)**. The roles of non-governmental organizations (NGOs) in Ghana”; University of Ghana International Programme. Seminar on “School of Project and Graduate Studies, University of Ghana, Legon, 9th August 2006.
26. **Appiah, D. O. 2004 (*Advanced Students’ Consultancy*)** in Gdansk, Poland on Environmental Impact Assessment of Proposed Development projects, April 2004.
27. **Appiah, D.O. 2004 (*Guest Speaker*)**. International Land and Water Resources Seminar, Linneaus-Palme Programme (16th May to 7th April; 2003, KTH, Stockholm, Sweden).
28. **Appiah, D.O. 2002 (*Group Leader/speaker*)**. Seminar on International Land and Water Management 16th Oct; 2002, Department of Geography and Resource Development, University of Ghana Legon.

REFEREES

Prof. Dr. Dr. Daniel Buor

Former Vice Chancellor,

Valley View University

Ghana-West Africa

E-Mail: drdrbuor@gmail.com

Telephone: +233 249 504919 (Cell)

Prof. John Tiah Bugri

Provost, College of Art and Built Environment,
Kwame Nkrumah University of Science and Technology, Kumasi,
Ghana-West Africa

E-Mail: jtbugri@yahoo.com

Telephone: +233 244 015616 (Cell)

LIST OF SOME POSTGRADUATE THESES ASSESSED/EXAMINED AND SUPERVISED

BY

DR DIVINE ODAME APPIAH

SN	TITLE	PROG/YEAR	UNIVERSITY	CANDIDATES	REMARKS
1	The impact of Landscape Dynamics and geohazards in the Ga South Municipality, Ghana	MPhil February, 2021	Geography University of Education, Winneba	Ezekiel Otoo	External Assessor/Examiner
2	Effect of quarrying on the geological structure of the Weiija Hill in the Ga South Municipality, Ghana	MPhil March 2021	Geography University of Education, Winneba	Esther Yamoaba Bonful	External Assessor/Examiner
3	Drought Perception and Vulnerability among crop farmers in the Talensi District, Ghana	PhD March 2021	Geography, Kwame Nkrumah University of Science and Technology (KNUST)	Peter Dok Tindan	Supervisor
4	Promoting Smart Cities; Potentials of Converting Urban Waste Into Energy	MPhil February, 2021	Geography, KNUST	Esi Dadzie	Supervisor
5	Farmers' Adaption to Climate Variability	MPhil	Geography,	Baba Sandow	Supervisor

	and Change and Poverty Reduction in the Ejisu-Juaben Municipal	March, 2021	KNUST		
6	Evaluation of Patterns of Change of Land use and Ecosystems of the Northern Regional Capital, a Benchmark for the Two Newly Created Regions of the North	PhD July, 2020	Civil Engineering, KNUST	George A. Dordah	Supervisor
7	Land Use Change, Modelling of Soil Salinity and Households Decisions under Climate Change Scenarios in the Coastal Agricultural Area of Senegal	PhD. March, 2019	Civil Engineering, KNUST	Sophie Thiam	External Assessor/Examiner
8	The Potential of Incorporating Local Travel Route Information in Addressing Systems Development to Improve Urban Mobility in Kumasi, Ghana	MPhil April, 2019	Geography, KNUST	Abigail Assuam ah Yeboah	Internal Assessor/Examiner
9	Clinical solid waste management practices in the Ketu south Municipality, Ghana	MPhil November, 2018	Geography University of Cape Coast	Mustapha Ali	External Assessor/Examiner
10	“Adaptation of Local Communities to the Effects of Climate Change in the Offinso Municipality: Contribution of Indigenous Knowledge”	Ph.D July, 2017	Geography, KNUST	Mrs. Margaret Sraku- Lartey	Internal Assessor/Examiner
11	Carbon Sequestration potential of agroforestry systems in West Africa: Case of agroforestry in Burkina Faso	Ph.D February, 2017	Civil Engineering, KNUST	Mr. Tiga Neya	External Assessor/Examiner
12	Climate Change Variability and Food Crop Production in the Bekwai Municipality	MPhil July, 2016	Geography, KNUST	Rashida Ayumah	Internal Assessor/Examiner

13	Land Grabbing and Rural Livelihood Sustainability: Experiences from the Bui Dam Construction in Ghana	Mphil July, 2016	Geography, KNUST	Mr. Samuel Kingsford Twene	Internal Assessor/Examiner
14	Small Farmers Mitigation of and Adaptation to Climate Variability and Climate Change in the Bosomtwe District of Ashanti Region, Ghana	MPhil February, 2016	Geography, KNUST	Sampson Yamba	Supervisor
15	Perception of Climate Variability and Change Among Women Peasant Farmers in the Wa West District	MPhil. 2015	Agric Economics, KNUST	Gordon Yengli er Yiridomoh	External Assessor/Examiner
16	Rapid Urbanisation and Waste Management Practices; Factors Influencing Solid Waste Management in Some Selected Communication in the Kumasi Metropolis, Ghana	MPhil April, 2014	Geography, KNUST	Simon Boateng	Supervisor
17	Sustainable Forest Management and Poverty Alleviation: The Case Study oof Some Selected Forest Communities in the Offinso South Municipality, Ghana	MPhil February, 2013	Geography, KNUST	James Boafo	Supervisor
18	The Impact of Privatization of Municipal Solid Waste Management in the Kumasi Metropolis	MA March, 2011	Geography, KNUST	Samuel Antwi	Supervisor
19	The Socio-Economic Efforts of Flooding on the Inhabitants of Dunkwa-Offin in the Central Region of Ghana	MA February, 2011	Geography, KNUST	Abubakari Iddrisu	Internal Assessor/Examiner

20	The Effects of Water Scarcity on Socio-Economic Development of Rural Communities, A case Study of Pwalugu and Nangodi in the Talensi-Nabdam District of Ghana	MA February, 2011	Geography, KNUST	Mr. Adimazoya Frederick Nachinabodongo	Internal Assessor/Examiner
21	Assessment of the Public-Private Partnership in Solid Waste Management in the Kumasi Metropolis Ghana	Msc March, 2011	Environmental Science University of Flemish, Belgium	Katelijan Florizoone	Supervisor
22	Environmental Hazards in Ghanaian cities: the incidence of annual floods along the Aboabo River in the Kumasi Metropolitan Area (KMA) of the Ashanti Region of Ghana	MA March, 2010	Geography, KNUST	Barbara Kuukua Oppong	Internal Assessor/Examiner
23	An assessment of the impacts on Newmont Ghana Gold Limited (MGGL) on the Socio-Economic Development after Six Years of operation in Birim North District on	MA October, 2009	Geography, KNUST	Fredrick Antwi	Supervisor

UPDATED 30th August, 2024