

DIVINE ODAME APPIAH, (PhD)

Department of Geography and Rural Development, Faculty of Social Sciences

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Personal Profile

Professor Divine Odame Appiah is currently an **Associate Professor in Environmental Geography**. 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.

Research interest and expertise

His research interests lie in the areas of Climate Change, geoinformation application for Land Use/cover and livelihoods. He has project handling experiences in issues pertaining to 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. He is also into the conduct of Environmental and Social Impact Assessment Certification.

EDUCATION AND QUALIFICATION

Institutions Attended with Dates	Degree(s) or Diploma(s) obtained
Kwame Nkrumah University of Science and Technology, (KNUST) Kumasi, Ghana (February, 2013-June, 2016)	Doctor of Philosophy (PhD) , Civil Engineering, Climate Change and Land use
African Academy of Sciences University of Ibadan, Nigeria (January -December, 2015)	Pre-Doctoral Fellowship in Climate Impact Research Capacity For Leadership Enhancement [CIRCLE]
Royal Institute of Technology (KTH) Stockholm, Sweden(August, 2004—May, 2006)	Master of Science (MSc) , Environmental Engineering and Sustainable Infrastructure [EESI]
University of Ghana, (UG) Legon (September, 2002—December, 2005)	Master of Philosophy (MPhil) , Geography and Resource Development
University of Ghana, (UG) Legon (August, 1998—May, 2001)	Bachelor of Arts (BA Hons) , Geography and Resource Development with Archaeology
Royal institute of Technology/University of Ghana, (KTH/UG) (April —May, 2001)	Certificate ; International Land and water Management
Ghana Secondary School, Koforidua (August 1994-June 1996)	Advanced Levels Certificate , Geography, Economics and Government with General Paper

Computer Software Applications and Literacy:

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

SPECIAL ATTRIBUTES

- Excellent Proposal writing and grantmanship skills
- Excellent Research dissemination and uptake skills
- Very Good Counselling and Mentorship skills of Students

MEMBERSHIP OF PROFESSIONAL BODIES

1. National Coordinator of Ghana WASCAL Alumni Group (2018-date)
2. Member, Regional Studies Association (July, 2014- date)
3. Alumnus, Climate Impact Research and Capacity for Leadership Enhancement Fellowship, (CIRCLE) October, 2015
4. Member, Ghana Geographical Association (GGA), August 2006—date
5. Patron, Ghana Climate Youth Alliance, KNUST, May, 2012—date
6. Deputy Director, Centre for Tourism Research, Ghana, August 2017-Date
7. Research gate: https://www.researchgate.net/profile/Divine_Appiah
8. LinkedIn: <https://www.linkedin.com/in/dr-divine-odame-appiah->
9. ORCID: <https://orcid.org/0000-0003-0086-9833>
10. Google Scholar: <https://scholar.google.com/citations?user>

EMPLOYMENT HISTORY

1. 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.

2. University Senior Lecturer, KNUST, August, 2015– date

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.

3. 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.

COURSES TEACHING AND TAUGHT

Undergraduate Courses

GEOG 151: Introduction to Physical Environmental Systems
GEOG 152: Introduction to Mapwork
AFS 180: Traditional Energy Technologies
GEOG 251: Introduction to Geomorphology and Hydrology
GEOG 252: Climatology and Biogeography
GEOG 357: Geomorphology and Hydrology II
GEOG 358: Geomorphology and Hydrology II
GEOG 452: Techniques of Regional Development
GEOG 463: Environmental Management I
GEOG 464: Environmental Management II
CAT 461: Environment, Culture and Location

Graduate Courses

GEOG 601: Advanced Geographic Thought
GEOG 602: Explanations in Geography and Current Geographic Paradigms
GEOG 604: Remote Sensing and Geographic Information System
GEOG 609: Environmental Management and Development I
GEOG 610: Environmental Management and Development II
GEOG 613: Geomorphology
GSD 563: Climate Science
GSD 564: Climate Change and Adapted Land Use
GSD 587: Environmental Resources Management
HORT 514: Geology, Geomorphology and Geography

Theses Supervised to date: 14 Graduates (including 4 PhD) Theses and 183 Undergraduate Dissertations/Project works since 2007.

RELEVANT PROFESSIONAL EXPERIENCE

- 2015—Date: Senior Lecturer/Researcher, Geography and Rural Development, Geography and Environmental Management, KNUST, Ghana.
- 2008—2015: Lecturer, Geography and Rural Development, KNUST, Ghana.
- 2015—Date: Technical Advisor, Greenwater Hut, NGO, Brong-Ahafo Region, Ghana.
- June 2014: Sub-Consultant, Intelligent Nature International, Ghana
- 2013-2014: Consultant, Tropenbos International/Forest Research Institute of Ghana
- 2009—2010: Team Leader, Environmental Assessment of Wetlands, KNUST, Ghana.
- 2005—2007: Project Administrator, Tropenbos Int. Ghana, University of Ghana.

SPECIFIC INTERNATIONAL EXPERIENCE:

Country
Sierra Leone
Kenya (Nairobi)
Zimbabwe (Harare, Victoria Falls)
Nigeria (Ibadan, Lagos)
Germany (Stuttgart, Flensburg)
England (Leeds)
Poland (Gdansk)
Sweden (Stockholm)

LANGUAGES

- English: Fluent in written and spoken (Official)
- Twi: First Language
- French: Elementary

SOME RELEVANT PROFESSIONAL EXPERIENCE

Date and Client	Project and Description of Duties	Country
Dec 2020-June 2021, Ministry of Energy	<ul style="list-style-type: none"> • 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. • Organised Training workshop for field officers for public building assessment • Conducted Key Informant interviews with stakeholders. 	Ghana
June, 2020, West African Science Service Centre on Climate Change and Adapted Land Use (WASCAL)	<p>Leading as Environmental and Climate Change Expert working with for the WASCAL Hybrid Waste to Energy as Sustainable Solutions for Ghana Project at Gyankobaah in the Atwima Nwabiagya Municipal, Ashanti Region Ghana.</p> <p>Developed and obtained Environmental and Social Impact Assessment (ESIA) Permit/Certificate from EPA, Ghana</p>	Ghana
2019- Miro Forestry Ltd.	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 Stewardship Council (FSC) Certification.	Ghana /Sierra Leone
April, 2019-Date Pearl Consultants/ECOWAS	Leading as Environmental and Climate Change Expert working with the Pearl Consultancy, to develop the Environmental and Social Impact Assessment (ESIA) as well as Environmental and Social Management Plan (ESMP) for the ECOWAS proposed 6-lane Abidjan-Lagos Corridor Highway Project.	Nigeria, Benin, Togo, Ghana, Cote d'

		Voire
May 2018-November, 2019	Consultant as Environmental and Resettlement Expert working with the DNV Dubai Consulting, to develop the Environmental and Social Impact Assessment (ESIA) as well as Environmental and Social Management Plan (ESMP) for the Ministry of Energy's Solar Mini-Grid Solar Power project in Island communities along the Volta Lake.	Dubai/ Ghana
December, 2017- November, 2018 KReF Research Fund, KNUST	Leading a team as Principal Investigator to Build capacities of Smallholder farmers in climate-smart agriculture in rural Ghana.	Ghana
October, 2018-CIRCLE Research UPTAKE	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, Ghana.	Ghana
2016- West African Science Service Centre for Climate Change and Adapted Land Use (WASCAL)	Lead Researcher in Geo-information Modelling of Peri-Urban Land-Use on Climate Change In Ghana. Working to assess Peri-urban land use and land cover (LULC) dynamics and their impacts on local climate change using Geo-information tools of Remote Sensing and Geographic Information System (GIS) and Socioeconomic Surveys.	Ghana/ Germany
2015- Greenwater Hut	Consulting to offer technical backstopping support to the staff of Greenwater Hut, an Environmental NGO in Ghana, on the conceptualization and development of Research Instruments.	Ghana
2015- Funded by DFID & African Academy of Sciences' CIRCLE Fellowship	Principal investigator; leading the implementation of the project on the "On and Off-farm Farmers' Adaptation Strategies to Climate variability and climate Change in forest fringe communities, Ghana". Consulting experience of developing research instruments to assess and evaluate existing climate variability and change adaptation strategies among off-forest reserve subsistent households in the Ashanti Region of Ghana.	Ghana/ Nigeria
2014- Newmont Ghana Gold Mining Company/Intelligence Nature International.	Sub-Consultant; working to develop the report from the conduct of, and engagement with stakeholders on the proposed Tailings dam expansion by Newmont Ghana Gold Mining Company, Ahafo-Kenyase, in the Brong-Ahafo Region of Ghana.	Ghana
2014- Inte'nal Tropical Timber Org. (ITTO)/ Forest Res. Inst. Ghana (FORIG)	Working sub-consultant to develop survey instruments and training of project field assistants and enumerators for primary data collection on the Herbal Medicinal Plants of tropical tree species, among Ghanaian rural and urban prefectures.	Ghana
2013- Tropenbos International/ Forest Research Institute of Ghana, (FORIG)	Co-investigator developing research Instruments and leading a research team to assess the impact of the EU chainsaw project on the incidence of illegal chainsaw milling operations in eight forest Districts in Ghana. This was undertaken within the Forest Law Enforcement Governance and Trade (FLEGT)/ Voluntary Partnership Agreement (VPA) initiative.	Ghana
2012- UNITED Nations Development Programme (UNDP), Senegal Office	Co-Principal Investigator with the Brew-Hammond Energy Centre, working to undertake a household survey and scenario analysis for energy access in rural and urban areas of Ghana. The data generated was used to model the energy access in order to formulate programmes for sustainable use of woodfuel energy. This study also informed the formation of the Renewable Energy Act of Ghana (Act 832).	Ghana

2008- Prof. Raymond Bush of the University of Leeds.	Project associate with Prof. Raymond Bush, Univ. Of Leeds. Tasked with the formulation, development of research instruments, management and evaluation of “Socio-economic effects of Gold mining on community development in Gold mining areas in the western mining enclave, Ghana”.	Ghana
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SOME PUBLICATIONS IN PEER REVIEWED JOURNALS

1. Razak, M. G., Peparah, 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.
2. **Appiah, D.O.** 2019. Climate Policy Research uptake dynamics for Sustainable Agricultural development in Sub-Saharan Africa. *GeoJournal*, pp. 1-13.
3. 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.
4. **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.
5. 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>
6. 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.
7. **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.
8. 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
9. 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.
10. **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.
11. 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>

12. 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>
13. 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> .
14. **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>.
15. **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.
16. Eshun, G. and **Appiah, D.O.** 2018. Greening Hotels in Africa; Emerging perspectives from Ghana. *EuroEconomica*, Vol. 1 (37): 276-291.
17. **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.
18. **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.
19. **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.
20. 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.
21. 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>
22. **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.
23. **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.
24. **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.
25. **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.

26. 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.
27. 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.
28. 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.
29. **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
30. Sarku, R. and **Appiah, D.O.** 2017. Analysis of palm fruit value addition for socio-economic development in the Kwabibirem District, Ghana. *International Journal of Development and Sustainability*, Vol. 6 (4): 149-167.
31. 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.
32. **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.
33. **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.
34. **Appiah, D.O.**, Schroeder, D., Forkuo E.K and Bugri, J.T. 2015. Application of Geo-Information Techniques in Land Use and Land Cover Change Analysis in a Peri-Urban District of Ghana. *International Journal of Geo-Information*, Vol. 4:1265-1289.
35. Boateng, S., Amoako, P., Poku, A.A., **Appiah, D.O.** and Garsonu, E.K. 2016. Household Willingness to Pay for solid Waste Disposal Services in Urban Ghana: The Kumasi Metropolis Situation. *Ghana Journal of Geography* Vol. 8(2): 1-17.
36. **Appiah D. O.** and Nyarko, P. (2015). Smallholder Farmers and Agroforestry Land Use Optimisation in Forest Fringed Communities in Ghana. *Int. J. Scientific Res. Env. Sci.*, 3(12); 420-430.
37. **Appiah, D.O.**, Bugri, J.T and Eric Kwabena Forkuo E.K. 2015. Modelling the Perspective of Agricultural Land Use Trajectories in a Peri-Urban District of Ghana. *Journal of Scientific Project & Reports*, Vol. 5(1): 16-31.

38. **Appiah, D.O and** Azeez, I.O. 2015 Sustaining Rural Livelihoods: On-Farm Climate-Smart Adaptation Measures among Smallholder Farmers in Rural Ghana. *African Journal of Sustainable Development*, Vol. 6 (2): 89-108.
39. **Appiah, D.O.**, Adanu, S.K., Forkuo E.K and Bugri, J.T 2015. Normalized Difference Vegetation Index Analysis of the Vegetation Cover in Bosomtwe Peri-Urban Settlement, Ghana. *Journal of Basic and Applied Research International*, Vol. 5 (3): 146-156.
40. **Appiah D. O.** and Boafo J. 2015. Analysis of Temperature Anomalies as proxy to Climate Variability and Change in a Peri-urban District, Ghana. *Advanced Journal of Environmental Management* Vol. 1(3): 20-33.
41. **Appiah, D.O.**, Osman, B. and Boafo J. 2014. Land Use and Misuse; Human Appropriation of Land Ecosystems Services in Ghana. *International Journal of Ecosystem* 2014, 4(1): 24-33.
42. **Appiah, D.O.**, Bugri, J.T., Forkuo E.K and Boateng, K.P. 2014. Determinants of Peri-Urbanization and Land Use Change Patterns in Peri-Urban Ghana. *Journal of Sustainable Development*; Vol. 7(6): 95-109.
43. Aninagyei, I. and **Appiah, D.O.** 2014. Analysis of Rainfall and Temperature Effects on Maize and Rice Production in Akim Achiase, Ghana. *Scholars Academic Journal of Biosciences* Vol. 2 (12B): 930-942.
44. **Appiah, D.O** and Osman B. 2014. Environmental Impact Assessment; Insights from Mining Communities in Ghana. *Journal of Environmental Assessment Policy and Management*. Vol. 16 (4): 1-20.
45. **Appiah, D.O** and Abass, K. (2014). Water Supply and Mining; the Policy Paradox in Ghana. *Water Policy*, 16: 945-958.
46. **Appiah, D.O** 2015. A Sedimentologic Analysis of Terrace Sediments From the Pawmpawm River Channel, Ghana. *Journal of Science and Technology*, Vol. 35 (2): 35—48.
47. Boateng, M., **Appiah, D.O** and Afriyie, K. (2014). Socio-environmental responses to solid waste management in urban areas: the case of Atonsu suburban in Kumasi metropolis, Ghana. *Interdisciplinary Environmental Review*, Vol. 15, No. 1, 2014.
48. Kemausuor, F., Dwamena, E. and **Appiah, D. O.** (2012) Assessment of Farmers' Adaptation to Climate Change In Ghana: the case of Ejura-Sekyeredumase District. *Journal of Arts and Humanities*, Vol. 2; (2):1-31.
49. **Appiah, D.O** and Yankson, D. (2012). Anthropogenic Drivers of the Pressures on the Sakumo Lagoon Ramsar Site, Ghana, Accepted and forthcoming in *International Journal of Technology and Management* Vol. 1 (1): 48-56.
50. **Appiah, D.O.**, Buabeng, J.N. 2012. Is gold mining a bane or a blessing in Sub-Saharan Africa: The case of Ghana. *International Journal of Development and Sustainability*, Vol. 1(3):1033-1048.

51. **Appiah, D. O.** (2010). Morphology of Rock Particles in Small River Basins in the Tropics: The Case of Pawmpawm in Ghana. *Journal of Arts and Humanities*, Vol. 1: (1): 1-12.
52. **Appiah, D.O.** 2009. Personifying Sustainable Rural Livelihoods in Forest Fringe Communities in Ghana: A Historic Rhetoric? *Journal of Food, Agriculture & Environment Vol.7 (3&4): 873 – 877.*

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.** 2020 (Resource person/Supervisor). Climate Change and Illegal Mining Nexus in Rural Ghana., NEWAL Winter School, February 3-7, 2020, KNUST Kumasi, Ghana
2. 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.
3. Appiah, D.O. 2019 (Rapporteur). Research Mentorship in Climate Change Research Workshop on Climate Change; 12-15th March, 2019 IDL Conference Centre, KNUST Ghana.
4. **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.
5. 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
6. **Appiah, D.O.** 2018. Stakeholder in the ADLAND-NELGA Research Development Workshop, Kumasi, Ghana, June 4-6, 2018, IDL Conference Centre, Ghana.
7. **Appiah, D.O.** 2016 (Rapporteur). National Stakeholder Consultation Workshop on Climate Change; 13th January, 2016 WASCAL CCLU Centre, KNUST Ghana.

8. **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.
9. **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.
10. **Appiah, D.O. 2016** (*Rapporteur*). National Stakeholder Consultation Workshop on Climate Change; 13th January, 2016 WASCAL CCLU Centre, KNUST Ghana.
11. **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.
12. **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.
13. **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.
14. **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.
15. **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.
16. **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
17. **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.
18. **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.
19. **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.
20. **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.

21. **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.
22. **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.
23. **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.
24. **Appiah, D. O. 2004** (*Advanced Students’ Consultancy*) in Gdansk, Poland on Environmental Impact Assessment of Proposed Development projects, April 2004.
25. **Appiah, D.O. 2004** (*Guest Speaker*). International Land and Water Resources Seminar, Linneaus-Palme Programme (16th May to 7th April; 2003, KTH, Stockholm, Sweden).
26. **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

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**LIST OF GRADUATE THESES ASSESSED/EXAMINED AND
SUPERVISED
BY
DR DIVINE ODAME APPIAH**

SN	TITLE	PROG/YEAR	UNIVERSITY	CANDIDATES	REMARK
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 Weija 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 Assuamah 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 Yenglier 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	Katelijjn 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	MA October, 2009	Geography, KNUST	Fredrick Antwi	Supervisor



UPDATED 1st October, 2021