# David Cudjoe Adukpo

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Google Scholar scholar.google.com/citations?user=jKxe6CcAAAAJ&hl=en · Profile scholar.ucc.edu.gh/staff/18b9b0af-7eee-48d2-8400-c5fdbfc86095

## RESEARCH

Interests: Climate Change Modeling and Atmospheric Science · Agrometeorology and Gender related Issues in STEM

Areas: Global and Planetary Change · Plant Science · Atmospheric Science · Ecology, Evolution, Behavior and Systematics · Economics and Econometrics · Health

## RESEARCH SUMMARY

| 16 | 248 | 6 | 4 | 1.35 | 43% |
|---|---|---|---|---|---|
| Publications | Citations | h-index | i10-index | Field-weighted impact | World top 10% |

Counted from the 16 publications listed below, 1955–2024. Field-weighted impact is the mean over the 7 works scored for it; 1.00 is the world average for works of the same field, type and year. 3 of the 7 papers scored for it are among the world's most cited tenth for their field, type and year.

## PUBLICATIONS

### Journal articles 15

1. John Oti Amoah, Susanna Aba Abraham, Charles Atanga Adongo, Deogratias Kaheeru Sekimpi, **David Cudjoe Adukpo**, Dorcas Obiri-Yeboah, David Teye Doku (2024). Determinants of COVID-19 vaccine uptake: evidence from a vulnerable global South setting. *BMC Research Notes*. https://doi.org/10.1186/s13104-024-06736-5
2. Kollie, W. S., Byalebeka, J., Basamba, T. A., **Adukpo, D. C**, Eneku, J. P. (2023). Amelioration of Soil Acidity in Ferralsols of Central Uganda. *International Journal of Plant & Soil Science*. https://doi.org/10.9734/ijpss/2023/v35i193737
3. W. S. Kollie, J. Byalebeka, T. A. Basamba, **D. C. Adukpo**, J. P. Eneku (2023). Linkages between Soil Acidity, Soil Plant Nutrients and Land Use on Ferralsols in Central Uganda. *International Journal of Plant & Soil Science*. https://doi.org/10.9734/ijpss/2023/v35i183406
4. Francis Nkrumah, Théo Vischel, Geremy Panthou, Nana Ama Browne Klutse, **David C. Adukpo**, Arona Diedhiou (2019). Recent Trends in the Daily Rainfall Regime in Southern West Africa. *Atmosphere*. https://doi.org/10.3390/atmos10120741
5. Kwesi Akumenyi Quagraine, Nana Ama Browne Klutse, Francis Nkrumah, **David Cudjoe Adukpo**, Kwadwo Owusu (2017). Changes in Rainfall Characteristics in Wenchi and Saltpond Farming Areas of Ghana. *International Journal of Geosciences*. https://doi.org/10.4236/ijg.2017.83015
6. C.A. Hasenkopf, **D.C. Adukpo**, M. Brauer, L. Dewitt, S. Guttikunda, A.I. Ibrahim, D. Lodoisamba, N. Mutanyi, G. Olivares, P. Pant, M. Salmon, L. Sereeter (2016). To combat air inequality, governments and researchers must open their data. *Clean Air Journal*. https://doi.org/10.17159/2410-972x/2016/v26n2a5
7. MK Vowotor, Samuel Sonko Sackey, Christiana Odumah Hood, E Tatchie, **DC Adukpo**, KK Mireku, S Nyarko (2015). Daily Intake and Sources of Trace Elements in Sarotherodon melanotheron from the Benya Lagoon, KEEA, Ghana, Using Instrumental Neutron Activation Analysis. *Journal of Basic & Applied Sciences*. https://www.researchgate.net/profile/Samuel-Sackey-2/publication/301201935_Daily_Intake_and_Sources_of_Trace_Elements_in_Sarotherodon_melanotheron_from_the_Benya_Lagoon_KEEA_Ghana_Using_Instrumental_Neutron_Activation_Analysis/links/570bfc1a08aee0660351a954/Daily-Intake-and-Sources-of-Trace-Elements-in-Sarotherodon-melanotheron-from-the-Benya-Lagoon-KEEA-Ghana-Using-

Instrumental-Neutron-Activation-Analysis.pdf

8. Francis Nkrumah, Nana Ama Browne Klutse, **David Cudjoe Adukpo**, Kwadwo Owusu, Kwesi Akumenyi Quagraine, Alfred Owusu, William Gutowski (2014). Rainfall Variability over Ghana: Model versus Rain Gauge Observation. *International Journal of Geosciences*. https://doi.org/10.4236/ijg.2014.57060
9. **DC Adukpo** (2008). Estimates of CO2 emissions from soil organic carbon for different land uses. *Africa and the Carbon Cycle*. https://www.researchgate.net/profile/Stephen-Adu-Bredu/publication/284490862_Carbon_stock_under_four_land_use_systems_in_three_varied_ecological_zones_in_Ghana/links/5835c6ba08ae56caa96e410f/Carbon-stock-under-four-land-use-systems-in-three-varied-ecological-zones-in-Ghana.pdf#page=66
10. **DC Adukpo** (2006). Spectral characteristics of the annual mean rainfall series in Ghana. *West African Journal of Applied Ecology*.
11. **DC Adukpo** (2003). One Year of Groundbased Multi Axis DOAS Measurements in Nairobi. *2nd International DOAS Workshop Heidelberg*. https://www.iup.uni-bremen.de/doas/posters/doas_2003_fietkau.pdf
12. **D Adukpo** (2003). SCIAMACHY Validation Using Ground-based DOAS Measurements of the University of Bremen Bredom Network (AOID331). *ESA Special Publication*. https://adsabs.harvard.edu/pdf/2003ESASP.531E..48R
13. **David Cudjoe ADUKPO** (2002). Characterisation of a MAX-DOAS instrument and application to satellite validation. *Master Degree Thesis. Institute of Environmental Physics and Remote Sensing, University of Bremen*. https://carppond.iup.uni-bremen.de/doas/paper/adukpo_thesis.pdf
14. **D Adukpo** (2002). SCIAMACHY validation using ground-based DOAS measurements of the University of Bremen BREDOM network. *Proc. ENVISAT Validation Workshop, Frascati, 9-13 Dec*. https://ir.ucc.edu.gh/server/api/core/bitstreams/9bc500fd-27cd-4b56-b912-12247f82efe6/content
15. **DAVID CUDJOE ADUKPO** (1955). Department of Mathematics & Statistics. *University of Otago, and St Hilda's College, Dunedin*. https://bradthiessen.com/html5/docs/2016pr.pdf

### Other publications 1

1. NAB Klutse, **DC Adukpo**, K Owusu (2012). Rainfall variability over Ghana: Model versus rain gauge observation. *University of Cape Coast*.