CURRICULUM VITAE

(WITH SUPPORTING EVIDENCE)

OF

COLLINS AYINE NSOR, PhD
(*ASSOCIATE PROFESSOR*)
DEPARTMENT OF FOREST RESOURCES TECHNOLOGY, FACULTY OF RENEWABLE NATURAL RESOURCES
COLLEGE OF AGRICULTURE AND NATURAL RESOURCES
KNUST, KUMASI

October 2026

CURRICULUM VITAE

PERSONAL DATA

NAME: Collins Ayine NSOR
POSITION: Senior Lecturer/Head of Department
DATE OF BIRTH: 27th August, 1974
NATIONALITY: Ghanaian
MARITAL STATUS: Married
NUMBER OF CHILDREN: N/A
ADDRESS: Department of Ecological Restoration & Sustainable Livelihoods, Faculty of Renewable Natural Resources, College of Agriculture and Natural Resources
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1. ACADEMIC BACKGROUND

a. Academic Degrees/Certificates

2014	PhD. Oceanography & Limnology (Aquatic Ecology)
2008	MSc. (Research option) Environmental Science
2004	BSc. Agricultural Technology (Renewable Natural Resources Option)
1998	Teachers Certificate "A" 3-Year Teacher Training
1994	SHS 'Certificate' Level

b. Institutions attended with dates

2010– 2014	University of Cape Coast, Cape Coast, Ghana.
2005– 2008	Rhodes University, Grahamstown, South Africa.
2000– 2004	University for Development Studies, Tamale, Ghana.
1995 – 1998	Bagabaga Training College, Tamale, Ghana.
1991 – 1994	Bolgatanga Senior High School, Bolgatanga, Ghana.

2. UNIVERSITY TEACHING AND MANAGEMENT EXPERIENCE

a. ACADEMIC RANKS HELD

August 2024 to Date	**Associate Professor** in the Department of Forest Resources Technology, Kwame Nkrumah University of Science and Technology, Kumasi
August 2020 - August 2024	**Senior Lecturer** in the Department of Forest Resources Technology, Kwame Nkrumah University of Science and Technology, Kumasi
January 2016 – July 2020	**Lecturer** in the Department of Forest Resources Technology, Kwame Nkrumah University of Science and Technology, Kumasi

SUBJECTS TAUGHT

Undergraduate Programmes

BSc courses

SOF 158: Statistics for Natural Resources Scientist
FSA 151: Meteorology for Natural Resource Scientist
EFR 262: Experimental design & data analysis
EFR 264: Wildlife Biology
EFR 352: Applied Systematics II
EFR 356: Environmental Mapping and Interpretation
EFR 357: Natural & Cultural Heritage
FSA 358/456: Wetlands Conservation & Management

Postgraduate courses (MPhil/PhD.)

MAF 502/WRM 506: Experimental design and Data analysis

External/Internal examiner

I have examined eight MPhil theses as an external examiner and two PhD theses as an internal examiner.

b. SUPERVISION OF STUDENT PROJECT WORKS/THESES/RESEARCH SINCE LAST PROMOTION

Summary of Student Supervisions

(i) **1** PhD Candidate (Supervision Completed).
(ii) **1** PhD Candidate (Supervision ongoing).
(iii) **2** MPhil Candidates (Supervision Completed).
(iv) **1** MPhil Candidate (Supervision ongoing).
(v) **50** BSc Candidates (Supervision Completed).

c. OTHER PROFESSIONALLY RELATED EXPERIENCE

c (i) Administrative Experience

	Date	Administrative Portfolio
	November 2025 to date	**Head of Department - DFRT**
1.	March 2022 – Date	**College Representative** (KNUST Central Library Committee)
2.	January – August, 2024	**Floor Mentor and Councillor,** Independence Hall (KNUST), for the residence of Upper Bridge **(Rooms 155M– 159M).**
3.	February 2023 – Date	**Member,** Committee for Peer and Professional Evaluation of Teaching, Committee for the Department of Forest Resources Technology.
4.	March 2023 - Date	**Appointed as a Technical Expert** to undertake a Baseline Study of the Ecotourism Potential of the TsaTsadu Micro-Hydro Power Generating Station at Hohoe (Volta Region), the College of Engineering, CANR Provost
5.	March 2023 - Date	**Member,** Committee for the Assessment of Excessive Noise from the Royal Parade Grounds to the Prempeh II Library Committee – Central Library Management Committee
6.	February 2023 - October 2023	**Floor Mentor and Councillor,** Independence Hall (KNUST), for the residence of Annexe A, 8th Floor **(Rooms 85A– 88A).**
7.	January 2022 - Date	**Member**, Short Courses Committee for the Department of Forest Resources Technology – College of Agriculture and Renewable Natural Resources
8.	February 2022 – Date	**Member,** Faculty of Renewable Natural Resources Students Disciplinary Committee
9.	February 2022 - Date	**Member,** College Health and Safety Committee – College of Agriculture and Renewable Natural Resources

10.	March 2022 – Date	**Chairman,** Faculty of Renewable Natural Resources Library Committee
11.	March - September 2022	**Floor Mentor and Councillor,** Independence Hall (KNUST), for the residence of East **Wing, 1st floor (rooms 41M– 44M).**
12.	November 14th – 18th 2021	**Member,** Twifo Praso Community Health Nursing Invigilation Team for the Ministry of Health Diploma Terminal Examination Representative
13.	March 2021 - Date	**Member,** Review of Statistics-related BSc. Courses at the Faculty of Renewable Natural Resources
14.	October 2020 - 2021	**Chairman**, Grants and Proposal Committee for the Department of Forest Resources Technology (DFRT)
16.	August 14th – 18th 2020	**Member,** Tamale Registered Midwifery (RM) Invigilation Team for the Ministry of Health Diploma Terminal Examination
17.	2016 - Date	**Fellow,** Independence Hall

c (ii). Project/ Research Management

	Date	**Management Portfolio and Project Title**
1.	March 2025 – Dec 2025	**Project co-consultant,** Project Colobus | forest ecosystem restoration in Eastern Ghana
2.	2023 - 2024	**Project co-consultant,** Resilient Ecosystem and Sustainable Transformation of Rural Economies (RESTORE) Baseline Ecological Data Collection in Ghana
3.	March 2022 - Present	**Project co-consultant,** Tano-Offin Forest Reserve biodiversity and hydrological survey. Funded by the Ghana Integrated Aluminium Corporation (GIADEC).

4.	March 2023 – October 2023	**Project co-consultant,** Environmental and Social Impact Assessment (ESIA) of the proposed forest plantation development project in Dome River, Mirasa Hills and Prakaw Forest Reserves in the Ashanti Region of Ghana, by MIRO Forestry and Timber Product Company, Juaso Forest District. Funded by MIRO Forestry and Timber Product Company.
5.	February 2022 – October 2022	**Project Co-consultant**, Environmental and social impact assessment (ESIA) of the proposed reforestation project in the south and north Formangso forest reserves, Juaso Forest District. Funded by MIRO Forestry and Timber Product Company
6.	July 2021 to June 2022	**Project Co-consultant**, Atewa Range Forest Reserve biodiversity and hydrological survey. Funded by the Ghana Integrated Aluminium Corporation (GIADEC).
7.	October 2020 – December 2021	**Project Co-consultant**, Elephant and Biodiversity Study in Northern Ghana Report. Final report submitted to the Environmental Protection Agency, Ghana. Funded by Ramboll International and QGUK, UK

3a. PUBLICATIONS ARISING OUT OF RESEARCH

i. ***Refereed Journal Papers with exact references***

1. **Nsor, C.A.**, Racheal Opoku-Afriyie, Michael Asigbaase, Dorcas Peggy Somuah, Frederick Gyasi Damptey, Louis Addae-Wireko, Frank Osei Danquah. (2026). Assessing urban riparian degradation using an indicator-based species approach in a West African suburban area. ***Journal of Urban Ecosystems***, 29:147. https://doi.org/10.1007/s11252-026-02004-5. **(Springer Nature)**.

2. **Nsor, C.A.,** John Nkrumah Mensah, Samuel Boadi, Nat Owusu Prempeh & Frank Osei Danquah (2026): Using woody community structure as an indicator of riparian ecological integrity in Ghana's Ashanti Region, ***Journal of Biodiversity***, 27(3): 353 – 369. DOI:10.1080/14888386.2026.2690972 .**(Taylor & Francis).**

3. Antobre, O.O., Tsagli, J., Dakpo, N., Osei-Tutu, P,, **Nsor, C.A.,** Acquah, E., Asante, W.A. and Gyampoh, B.A. (2026). Soil Fertility Recovery and Heavy Metal Stabilisation in a Five -Year Agroforestry System on Reclaimed Gold Mine Tailings in Ghana. ***Trees, Forests and People***, 26: 101310. https://doi.org/10.1016/j.tfp.2026.101310. **(ScienceDirect).**

4. Owusu-Prempeh, Nat, Kesse, Acheampong Boakye, Akomatey, Peter Kwasi, **Nsor, C.A.**, Appiagyei, Bright Danso, Effects of Sand Mining on Species Diversity, Stand Structure and Carbon Stocks in a Tropical Forest in Ghana: Implications for Biodiversity Conservation and Ecosystem Services, ***International Journal of Forestry Research***, 2026, 3238390, 24 pages, 2026. https://doi.org/10.1155/ijfr/3238390. **(WILEY).**

5. **Nsor, C.A.,** Andoh, G., Asigbaase, M., Dompreh, D., Somuah, D.P., Opoku, P, Mahama, AB, and Kyiire, B.B. (2026).Compositional distinctiveness and patterns of woody species abundance distribution in Ghana's Mole National Park, Savannah Region. ***Journal of Tropical Ecology***. 42(e8), 1–13. doi: https://doi.org/10.1017/S0266467426100467. **(Cambridge Publishers).**

6. **Nsor, C.A.,** Michael Perry-Amissah, John Nkrumah Mensah, Samuel Boadi, Michael Asigbase, Louis Addae-Wireko, Rockson Acolatse **(2025).** Birds' co-occurrence is mediated by diet, habitat type, and anthropogenic disturbances in Ghana's Central Region. *Journal of Avian Research*, 16(3): 100251. https://doi.org/10.1016/j.avrs.2025.100251. (**ScienceDirect**).

7. **Nsor, C.A.,** Vincent Kusi-Kyei, Emelia Anawhyne, Michael Asigbaase, Peggy Somuah, Patrick Opoku, Daniel Dompreh and Osei Owusu Antobre **(2025).** Disturbances shape the tree community in Ghana's Mole National Park. ***Journal of Ecology and Environment***, 49: 21. https://doi.org/10.5141/jee.25.036. (Ecological Society of Korea).

8. **Nsor, C.A.,** Vincent Agumenu, Emmanuel Acquah, Nat Owusu Prempeh, Osei-Owusu Antorbre **(2025).** Assessment of the structural attributes of *Vitellaria paradoxa* CF. Gaertn. and *Parkia biglobosa* (JACQ.) Benth. to disturbance-related drivers in Mole National Park and adjacent communities, in Ghana's Savannah Region. ***Journal of Science and Technology***, 43(2): 122 – 142). https://dx.doi.org/10.63484/just.v43i2.9. (**AJOL Online Publishing.**

9. Maria Dornelas, M., Laura H. Antão, L.H., Bates, A.E.,...**Nsor, C.A.** et al. **(2025).** BioTIME 2.0: Expanding and Improving a Database of Biodiversity Time Series. ***Journal of Global Ecology and Biogeography***, 34: e70003. https://doi.org/10.1111/geb.70003 (**WILEY).**
10. Samuel Boadi, **Nsor, C.A.,** Shadrack and Amoah Arthur, Akwasi Gyebi **(2025).** Fruit species composition and diversity patterns in eight age classes of cocoa agroforests, Ghana. ***Journal of Agroforestry Systems***, 99(75). https://doi.org/10.1007/s10457-025-01167-y (**Springer Nature).**

11. Michael Asigbaase, Linda Anaba, Daniel Adusu, Simon Abugre, Adisa Ayeley Musah, **Nsor, C.A.** and Daniel Akoto Sarfo **(2025).** Ethnobotanical Study of Medicinal Shrubs

and Herbs Used by Forest-Fringe Communities of Ghana. ***Journal Scientifica***, 2025: 17. https://doi.org/10.1155/sci5/1362301 (**WILEY**).

12. Patrick Opoku, **Nsor, C.A.,** Emmanuel Acquah, Dorothy Asare Akoto, Norbert Weber **(2025).** Actor and power analysis in urban forests and green spaces management. Insights from the Garden City of West Africa. ***Journal of Forest Policy and Economics***, 170; 103389.https://doi.org/10.1016/j.forpol.2024.103389 (**ScienceDirect**).

13. Hana ˇSigutova, Petr Pyszko, Dan Bárta, **Nsor, C.A.** and Ales Dolný **(2024).** Global changes in the odonate family ratios in response to tropical forest degradation. ***Journal of Science of the Total Environment***, 946: 174416 **(ScienceDirect)**.

14. Michael Asigbaase, Michael Anaan, Daniel Adusu, Simon Abugre, **Nsor, C.A.,** Samuel Kumi, and Selina Adutwumwaa Acheamfour **(2024)**. Teak-Soil Interaction: Teak (Tectona grandis) Plantations Impact and are Impacted by Soil Properties and Fertility in Southwestern Ghana. *Journal of Applied and Environmental Soil Science*. Vol. 2024, 14. https://doi.org/10.1155/2024/7931830 **(WILEY).**

15. Michael Asigbaase, Daniel Adusu, Daniel Akoto Sarfo, **Nsor, C.A.,** Samuel Kumi, Seidu Adams, Paul Kofi Nsiah, and Selina Adutwumwaa Acheamfour **(2024).** Evaluating Growth Patterns and Soil Dynamics of the Endangered African Rosewood (*Pterocarpus erinaceus* Poir.) in Contrasting Ecological Regions in Ghana. *International Journal of Forestry Research*, Vol. 2024, 11. https://doi.org/10.1155/2024/9978908. (**WILEY).**

16. Dorcas Peggy Somuah, Dennis Forkuo, Patrick Opoku, **Nsor, C.A.,** Anthony Arko-Adjei **(2024).** Factors enhancing and restricting the success of SRA compliance on the FLEGT/VPA initiative in Ghana. Insights from the Juaso Forest District in Ghana. ***Journal Heliyon***, 10(2024) e32368.https://doi.org/10.1016/j.heliyon.2024.e32368. **(ScienceDirect**).
17. Michael Asigbaase, Daniel Adusu, Adisa Ayeley Musah, Linda Anaba, **Nsor, C.A**., Simon Abugre, Mercy Derkyi **(2023).** Ethnobotanical and ethnopharmacological survey of medicinal tree species used in the treatment of diseases by the fringe communities of Asukese and Amama forest reserves of Southwestern Ghana. ***Journal Heliyon,*** 10(1): e23645. https://doi.org/10.1016/j.heliyon.2023.e23645 **(ScienceDirec**t).

18. Abena Owusu Adjapong, Samuel Kingsley Oppong, Emmanuel Danquah, **Nsor, C.A**. Samuel Kumi **(2023).** Habitat effects on morphometrics and body condition of Tullberg's soft-furred mouse (*Praomys tullbergi*) in two tropical forests. ***Global Ecology and Conservation***, 48, e02741. https://doi.org/10.1016/j.gecco.2023.e02741. **(ScienceDirect).**

19. Samuel Boadi, **Nsor, C.A.,** Emmanuel Acquah, Christable Hammond, Nat Owusu-Prempeh, Rockson Acolatse **(2023).** Variability in forest tree species composition and diversity In different-aged cocoa agroforests of Ghana. ***Journal of Agroforestry***, 98: 255 – 268. https://doi.org/10.1007/s10457-023-00903-6. **(Springer Nature).**

20. Michael Asigbase, Evans Dawoe, Simon Abugre, Boateng Kyereh and **Nsor, C.A. (2023).** Allometric relationships between stem diameter, height and crown area of associated trees of cocoa agroforests of Ghana. ***Journal Scientific Reports***, 13: 14897. https://doi.org/10.1038/s41598-023-42219-6. **(Springer Nature).**

21. **Nsor, C.A.,** Nana Afua Ankomah Dei, John Mensah Nkrumah, Rockson Acolatse and Emmanuel Danquah **(2023).** Bird community structure and habitat association in Owabi Wildlife Sanctuary, Ashanti Region (Ghana)**.** ***Journal of Wildlife Research***, 50**(**10): 827-839. https://doi.org/10.1071/WR21148. (**CSIRO Publishing).**

22. Abena Owusu Adjapong, Samuel Kingsley Oppong, **Nsor, C.A.,** Emmanuel Amoah Boakye, George Ashiagbor, Emmanuel Danquah **(2023).** Demography and reproductive seasonality of small terrestrial mammals in two forest ecosystems in Ghana. ***African Journal of Ecology***, 61(2): 469 – 481. https://doi.org/10.1111/aje.13137. (**WILEY**).

23. Abena Owusu Adjapong, Samuel Kingsley Oppong, **Nsor, C.A.,** Emmanuel Amoah Boakye, George Ashiagbor, Issah Seidu, Emmanuel Danquah **(2022).** Agri-driven habitat modification and small mammal species assemblage nexus in the Atewa Range and Bimpong Forest Reserves, Ghana. ***Journal of Trees, Forest and People***, 10: 100335. https://doi.org/10.1016/j.tfp.2022.100335. **(ScienceDirect).**

24. Owusu, F.W., Apetorgbor, M.M., **Nsor, C.A**., Adu, S., Alorbu, C. and Apetorgbor, A.K. **(2022).** Evaluation of natural durability of plantation grown Gmelina arborea roxb. Ex sm. Wood from two vegetation zones in Ghana. ***Ghana Journal of Forestry***, 38: 55 – 66 (**African Journal Online**).

25. Emmanuel Acquah, **Nsor, C.A.,** Samuel Boadi and Edwin Agyapong Owusu **(2022).** Effects of environmental factors on the distribution of flagship species in Bomfobiri Wildlife Sanctuary, Kumawu, Ghana: Implications for conservation and ecotourism development. ***African Journal of Ecology***, 61(1): 14 – 27, DOI: 10.1111/aje.13077. **(WILEY).**

26. Frederick Gyasi Damptey, Emmanuel Opuni-Frimpong, **Nsor, C.A**. James Addai, Daniel Kwame Debrah, Benjamin Schnerch, Felicity Bentsi-Enchill, Henn Korjus **(2022).** Taxonomic and community composition of epigeal arthropods in monoculture and mixed tree species plantations in a deciduous forest of Ghana. ***Journal of Forestry Research,*** https://doi.org/10.1007/s11676-022-01508-y. **(Springer Nature).**

27. **Nsor, C.A.,** John Nkrumah Mensah, Victor Rex Barnes, & Peter Kwesi Akomatey (2021) Anthropogenic drivers of plant species coexistence in selected riparian systems, Kumawu district, Ashanti region (Ghana), ***Journal of Freshwater Ecology***, 36:1, 323-343, doi:10.1080/02705060.2021.1985642. **(Taylor & Francis).**

28. **Nsor, C.A.,** Rockson Acolatse, John N Mensah, Samuel K Oppong, Daniel Dompreh & Louis Addai-Wireko **(2021):** Structural assemblages of plant species in the Owabi Ramsar Wetland in the Ashanti Region of Ghana, ***African Journal of Aquatic Science***, 47(1), 100–114. DOI:10.2989/16085914.2021.1982671. **(Taylor & Francis).**

29. Osei Owusu Antobre, Akwasi Duah Gyamfi, Winston Adams Asante, **Nsor, C.A.** and Boateng Kyereh **(2021).** Forest recovery on skid trails and felling gaps following post-decadal selective logging in a moist semi-deciduous forest in Ghana. ***Journal of Trees, Forests and People,*** 6: 100152, https://doi.org/10.1016/j.tfp.2021.100152. **(ScienceDirect)**.

30. **Nsor, C.A.,** John Nkrumah Mensah and Vincent Agumenu **(2021).** Riparian vegetation dynamics in protected and unprotected areas, Kumawu District—Ashanti Region (Ghana). ***Journal of Tropical Ecology***, 62: 329–346. https://doi.org/10.1007/s42965-021-00147-4. **(Springer Nature**).

31. Samuel K. Oppong, **Nsor C.A.,** Gabriel Kwabena Buabeng **(2021).** Response of benthic invertebrate assemblages to seasonal and habitat conditions in the Wewe River, Ashanti Region (Ghana). ***Journal of Open Life Sciences***, 16: 336–353, https://doi.org/10.1515/biol-2021-0040. (**DE GRUYTER**).

32. **Nsor, C.A.,** Samuel K. Oppong, Michael Ochem, Emmanuel Danquah, Osei Owusu Antobre **(2020).** Spatio-temporal dynamics of terrestrial invertebrate assemblages in the riparian zone of the Wewe River, Ashanti Region, Ghana**.** ***Journal of Open Life Sciences***, 15: 331–345, https://doi.org/10.1515/biol-2020-0037 (DE GRUYTER Publishing).

33. **Nsor, C.A.,** George Ashiagbor and Emmanuel Danquah **(2019).** Quantifying recent floodplain vegetation change along the White Volta River in the Northern Region of Ghana. ***Ghana Journal of Geography***, 11(1): 159 – 179, doi: https://dx.doi.org/10.4314.gig.v11i1.10. **(African Journal Online).**

34. Issah Seidu, **Nsor, C.A.**, Emmanuel Danquah, Paul Tehoda, and Samuel K. Oppong **(2019).** Patterns of Odonata Assemblages in Lotic and Lentic Systems in the Ankasa Conservation Area, Ghana**.** ***International Journal of Zoology****,* 2019: 14. https://doi.org/10.1155/2019/3094787. **(WILEY).**

35. **Nsor, C.A.,** Osei Owusu Antobre, Asaah Sumaila Mohammed, Foster Mensah **(2019).** Modelling the effect of environmental disturbance on community structure and diversity of

wetland vegetation in the Northern Region of Ghana**.** ***Journal of Aquatic Ecology,*** 53(1): 119 – 136. https//doi.org: 10.1007/s10452-019-09677-5. **(Springer Nature).**

36. Emmanuel Baah Agyapong, George Ashiagbor, **Nsor, C.A.** and Louise M. van Leeuwen **(2018).** Urban land transformations and their implications for tree abundance distribution and richness in Kumasi, Ghana. ***Journal of Urban Ecology,*** 4(1): 1–11. https://doi.org/10.1093/jue/juy019. **(Oxford Publishing).**

37. **Nsor, C.A**., Emmanuel Acquah, Grace Mensah, Vincent Kusi-Kyei and Samuel Boadi **(2018).** Avian Community Structure as a Function of Season, Habitat Type, and Disturbance in Mole National Park, Northern Region (Ghana). ***International Journal of Ecology,*** 2018: 14. https://doi.org/10.1155/2018/2045629. **(WILEY).**

38. Issah Seidu, **Nsor, C.A.,** Emmanuel Danquah & Lesley T. Lancaster **(2018).** Odonata assemblages along an anthropogenic disturbance gradient in Ghana's Eastern Region. ***Journal of Odonatologica***, 47(1/2) 2018: 73-100, doi:10.5281/zenodo.1239947. (International Odonatological Foundation Publishing).

39. Issah Seidu, Emmanuel Danquah, **Nsor**, **C.A.,** David Amaning Kwarteng & Lesley T. Lancaster (**2017)**. Odonata community structure and patterns of land use in the Atewa Range Forest Reserve, Eastern Region (Ghana). ***International Journal of Odonatology***, 20(3-4): 173-189. http://dx.doi.org/10.1080/13887890.2017.1369179. **(Taylor & Francis).**

40. Emmanuel Acquah, **Nsor**, **C.A.,** Emmanuel Kwamena Arthur and Samuel Boadi **(2017).** The socio-cultural impact of ecotourism on park-adjacent communities in Ghana. ***African Journal of Hospitality, Tourism and Leisure***, 6 (2).

41. Samuel Boadi, **Nsor, C.A.**, Daniel Haruna Yakubu, Emmanuel Acquah and Osei Owusu Antobre (**2017).** Conventional and Indigenous Biodiversity Conservation Approach: A Comparative Study of Jachie Sacred Grove and Nkrabea Forest Reserve. ***International Journal of Forestry Research***, 2017: 8. doi.org/10.1155/2017/1721024. **(WILEY).**

42. Samuel Boadi, **Nsor**, **C.A.,** Osei Owusu Antobre, Emmanuel Acquah. (2016). An analysis of illegal mining on the Offin Shelterbelt Forest Reserve, Ghana: Implications for community livelihood. ***Journal of Sustainable Mining****,* 15*:* 115-119. **(ScienceDirect).**
43. **Nsor, C.A.** and Edward Adzesiwor Obodai (**2016)**. Environmental Determinants Influencing Fish Community Structure and Diversity in Two Distinct Seasons, among Wetlands of Northern Region (Ghana). ***International Journal of Ecology***, 2016:10. doi.org/10.1155/2016/1598701. **(WILEY).**

44. **Nsor**, **C.A.,** Emmanuel Acquah, and Clifford A. Braimah **(2016).** Seasonal Dynamics of Physico-chemical Characteristics in Wetlands of Northern Region (Ghana): Implications for the Functional Status. ***International Journal of Aquatic Science***, 7(1): 39-49**. (IFERP Life Sciences).**

45. **Nsor, C.A.** and Elliot Alhassan **(2015).** Wetland conservation in the Northern Region of Ghana: An indigenous conservation approach. *Journal of Biology and Nature*, 4(2): 77 – 88. (I.K. Press Publishing).

46. **Nsor, C.A.** and Edward Adzesiwor Obodai. **(2014).** Environmental Determinants Influencing Seasonal Variations of Bird Diversity and Abundance in Wetlands, Northern Region (Ghana). *International Journal of Zoology*. 2014: 10. doi.org/10.1155/2014/548401. **(WILEY).**

47. **Nsor, C.A.** and Gambiza, J. **(2013).** Land Use Changes and Their Impacts on the Vegetation of the Kromme River Peat Basin, South Africa. *Science Journal of Environmental Engineering Research*, 2013(3): 2276-7495. **(International Open Access Publisher).**

SIGNATURE  **DATE: 11/11/2026**