

CURRICULUM VITAE

TEMITOPE O. SOGBANMU, PHD

ENVIRONMENTAL TOXICOLOGIST AND POLLUTION MANAGEMENT SPECIALIST

PERSONAL INFORMATION

Name: Temitope Olawunmi Sogbanmu, PhD
Affiliation: Ecotoxicology and Conservation Unit, Department of Zoology, Faculty of Science, University of Lagos, Akoka Campus, Lagos, Nigeria
Email: tsogbanmu@unilag.edu.ng
Weblinks: Personal Website | Google Scholar | Scopus | ORCID | University Profile
Social Media: LinkedIn | X (formerly Twitter) | Instagram | YouTube
Environmental Platforms Developed/Coordinated: EUEPiN | EEPoN

CAREER SUMMARY

Dr Sogbanmu is an Environmental Toxicologist with several years of cognate experience in risk assessment and management of organic pollutants in various environmental matrices. This is with a view to developing and providing targeted environmental management advice to regulators/policymakers. She has over two decades of experience in business management, product and service development, client sourcing and retention, stakeholder liaison/engagement, products and services event/exhibition planning and management. Dr Sogbanmu is an ardent researcher with several publications and serial awards/grants in environmental research, evidence leadership, science advice and/or policy. Some notable awards include the L'Oreal-UNESCO For Women In Science in Sub-Saharan Africa 2014, Evidence Leaders Africa Grant 2020, and Norbert Elias Fellowship, 2023. Professionally, she has been an appointee of the Federal and Lagos State ministries of environment in Nigeria as an Ecology/Waste Management Expert on Environmental Impact Assessment draft report review panels since 2018. She is sought-after as a Guest Speaker at local and international fora where she facilitates discussions and engagements on environmental risk management, environmental evidence informed decision-making and sustainability. A reviewer and Editorial Board member of several journals, Dr Sogbanmu holds membership, leadership and/board positions in national and regional academies, professional societies and NGOs. She advocates for the United Nations Sustainable Development Goals 6 (clean water and sanitation), 11 (sustainable communities and cities), 13 (climate action), and 14 (sustaining life below water); African Union Agenda 2063 Goal 7 (environmentally sustainable and climate resilient economies and communities); Evidence for Policy; Science and Risk Communication. She holds a doctorate degree in Environmental Toxicology and Pollution Management, Proficiency Certificate in Management, Certificate in Human Resource Management and Youth Enterprise with Innovation in Nigeria (YouWiN) Training Certificate, among others. She is a Senior Lecturer at the University of Lagos and founder of the Evidence Use in Environmental Policymaking in Nigeria (EUEPiN) Project.

EDUCATION

- PhD** Environmental Toxicology and Pollution Management Jan. 2016
University of Lagos
Dissertation: "Genotoxicity and developmental effects of PAHs and Lagos lagoon sediment extracts on Zebrafish (*Danio rerio*) embryos and catfish (*Clarias gariepinus*)."
- MSc** Environmental Toxicology and Pollution Management Dec. 2010
University of Lagos Graduated with a *Distinction*
Thesis: "Efficacy, Influence on Bioremediation and Toxicological Effects of Four Dispersants (DS/TT/066, Crystal Clear Oil Dispersant (CCOD), OC/TT/OSI and Biosolve) Used for Crude Oil Spill Control"
- BSc** Zoology, University of Lagos, Dec. 2006
Minored in Ecotoxicology and Conservation (*Second-Class Upper Division*)

SKILLS AND COMPETENCES

Environmental Sciences	Environmental Impact Assessment (Ecology and Waste Management)
Environmental & Aquatic Toxicology	Biomarker studies in model animals such as earthworms, snails, fish, mice; Developmental and embryotoxic studies in fish early life stages; Monitoring, ecological and human health risk assessment of exposure to/effects of organic pollutants in water, sediments and fish
Environmental Health Science	Environmental risk perception studies, HSE in occupational settings
Advice/Communication	Environmental Evidence Synthesis, Stakeholder engagement, Advocacy and Risk communication
Project/Program Skills	Project management, Program management, Budgeting, Blogging, Community Outreach, Grant writing, Interviewing, Microsoft Office Suite, Knowledge Management, Interpersonal Skills, Team Building, Team Leadership, Social Media Management, Time Management, Networking, Strategic Planning, Public Speaking and Training

ACADEMIC EMPLOYMENT HISTORY (FULL TIME)

Date	Position	Employment	Duties	Key Achievements
2022-till date	Senior Lecturer	Ecotoxicology and Conservation Unit,	Teaching, demonstration during practical classes,	• Developed and successfully implemented funded multi-stakeholder engagement Projects ex. EUEPiN, EEPoN, GIYSCC
2019 – 2022	Lecturer I	Department of Zoology, Faculty of Science,	undergraduate and postgraduate projects	• Successfully organised/co-organised 10+ local and int'l stakeholders' meeting, workshops, conferences and summer schools
2016 – 2019	Lecturer II	University of Lagos, Akoka, Lagos, Nigeria	supervision, and post-doctoral research.	• Collaborate on multi-year trans-disciplinary projects with funding from international donors
2014	Assistant			• 20+ invited guest lectures at

– 2016	Lecturer	national and international fora; • 40+ peer-reviewed publications • Community service at national and international levels
2013 – 2014	Graduate Fellow	

INTERNATIONAL RESEARCH (RESIDENT WORK) EXPERIENCE & SCIENCE ADVICE

Date	Role	Description	Institution
Feb- June, 2023	Norbert Elias Fellow	The Epistemology of Evidence-Based Policy: How Philosophy can facilitate the Science-Policy Interface Funding: Centre for Interdisciplinary Research (ZIF) and Volkswagen Foundation	Center for Interdisciplinary Research, Bielefeld Univ., Germany
Feb- June, 2020	Visiting Researcher	Effect-Directed Analysis of Sediments from an Impacted Site in the Ogun River, Nigeria Funding: TWAS-DFG Cooperation Visit	RWTH Aachen University, Germany
May- June, 2019	Science Advice for Policy Fellow	Evidence-informed policymaking for sound environmental management in Nigeria: investigating the research-science advice-policy nexus Funding: The African Academy of Sciences	Federal Ministry of Science and Technology, Abuja, Nigeria
May- June, 2018	Visiting Scholar	Modelling Climate Change Polycyclic Aromatic Hydrocarbons Interactions and Effects on Fisheries Diversity in a Coastal Ecosystem Funding: Royal Society Commonwealth Science Conference 2017 Follow-On Grant 2018	The University of British Columbia, Vancouver, Canada
June- Nov, 2014	Visiting Research Associate	Embryotoxic/ and Genotoxic Evaluations of Polycyclic Aromatic Hydrocarbons and Lagos Lagoon Sediment Organic Extracts Using Zebrafish (<i>Danio rerio</i>) Embryos. Funding: - Early Careers Academic Grant by ACU - L'Oreal-UNESCO For Women in Science Sub- Sahara Africa - UNILAG Doctoral Assistance Grant	King's College London, UK

KEY ACADEMIC/PROFESSIONAL LEADERSHIP EXPERIENCE

Year	Role	Institution / Location
2024-2026	Senior Editor, 3D (Debates, Dilemmas and Discoveries)	Integrated Environmental Assessment and Management (SETAC/John Wiley)
2023- till date	Editorial Board Member	Communications Earth and Environment (Springer Nature)
2023- till date	Editorial Board Member	npj Ocean Sustainability (Springer Nature)
Sept. 2022 –	Member, Metrics Task	WEF/GPAP/NPAP/Dalberg/FMENV

till date	Force	
2021-2023	Editorial Board Member	Integrated Environmental Assessment and Management (SETAC/John Wiley)
2021 till date	Editorial Board Member	Frontiers in Water – Environmental Water Quality
2021-2023	Vice-President	Nigerian Young Academy (NYA)
2021 till date	Team Lead	Environmental Evidence Portal for Nigeria (EEPoN)
2021 till date	Team Lead	Environmental Evidence Synthesis and Knowledge Translation (EESKT) Research Cluster, TETFund Centre of Excellence in Biodiversity Conservation and Ecosystem Management, UNILAG
2021- till date	Member, Advisory Board	One Health Development Initiative (OHDI)
2020 till date	Founder and Lead	Evidence Use in Environmental Policymaking in Nigeria (EUEPiN)
2019 – till date	Member	British Ecological Society (BES) Peer Review College
2019-2020	Assistant Theme Editor	Proceedings of the Nigerian Academy of Science Themed Edition – SDG 14: Current Status, Knowledge Gaps and Future Direction in Nigeria
2018-till date	Ecology/Waste Management Expert	Appointed by the Lagos and Federal Ministries of Environment in Nigeria (Environmental Assessment Department)
2016-2018	Managing Editor	Journal of Environmental Toxicology and Pollution Mitigation (JETPOM)
2013- till date	Member, Board of Trustees	Society for Environmental Toxicology and Pollution Mitigation (SETPOM)

TEACHING PHILOSOPHY

My teaching is geared towards the application of pedagogical skills in bringing about subject knowledge and learning outcomes in my students. To this end, I utilize various teaching tools including PowerPoint slides, YouTube videos, case studies, class presentations and role plays in facilitating learning. I utilize evaluation tools such as Google forms and Survey Monkey to conduct blind evaluation of my teaching and classroom engagement in order to evaluate the learning experiences of my students and ways to improve.

TEACHING (SCHEDULE OF SESSIONAL COURSES)

Undergraduate (BSc) Courses

- Animal Histology
- Ecophysiology
- Experimental Zoology I
- Environmental Assessments
- Environmental Pollution and Management
- Man and the Environment
- Introduction to Ecotoxicology
- Introduction to Biomonitoring
- Introductory Zoology
- Comparative Animal Embryology
- Tissue Culture

Postgraduate (MSc & PhD) Courses

- Ecotoxicology III
- Environmental Pollution and Management III
- Environmental Regulations and Standards
- Ecosystem Utilization and Management

RESEARCH PHILOSOPHY

My research is translational as it aims to address and solve societal problems relating to environmental pollution across local to international scales. I utilize transdisciplinary engagements, my experiences, consultancy, international exposure and mobility to tailor my research to address current and relevant needs/gaps in my field of expertise.

RESEARCH THEMES/INTERESTS

- Biomonitoring and Ecological Risk Assessment of PAHs, Pesticides, Plastics, PFAS & PPCPs in Aquatic Ecosystems
- Effect-Directed Analysis and application of biomarkers for toxicological evaluations of sediments, organic pollutants and wastewater using model organisms
- Environmental Risk Perception Studies and Communication
- Effects of Climate change-organic pollutants interactions on fisheries
- Use of indigenous fish embryos and Omics in toxicological studies

RESEARCH SUPERVISION

2014 till date: BSc (male: 8; female: 16), MSc (male: 10, female: 23), PhD (male: 3, female: 2) **Total = 62**; funded student projects (male – 2; females - 6).

Session	B.Sc.		M.Sc.		Ph.D.		Total	Fund		Cnf Grt		Conf. Prestn	Pub.
	M	F	M	F	M	F		M	F	M	F		
2022/2023	1	4	2	1	3	2	13						
2021/2022	3	1	3	2	0	0	9	1	0	0	0	5	
2020/2021	0	0	0	3	0	0	3	0	1	0	0	2	
2019/2020	0	4	0	1	0	0	5	0	1	0	3	4	1
2018/2019	0	3	1	2	0	0	6	0	2	0	0	5	2
2017/2018	1	2	1	5	0	0	9	0	0	0	0	7	5
2016/2017	1	1	1	7	0	0	10	0	1	0	0	6	4
2015/2016	1	1	2	2	0	0	6	1	1	0	0	3	1
2014/2015	1	0	0	0	0	0	1	0	0	0	0	1	1
Grand Total	8	16	10	23	3	2	62	2	6	0	3	33	13

PUBLICATIONS

Summary: h-index: 13 (Google Scholar); >447 citations; > 40+ journal publications

Journal Publications (* Corresponding Author, _____ BSc/MSc project student) 2023

1. *Buraimoh, O. M., Odumosu, B. T., **Sogbanmu, T. O.**, Ojo-Omoniyi, O. A., Afolabi, O. and Akerele, O. (2023). Analysis of bacterial; composition in slaughterhouse effluent from a major livestock market in Nigeria. *The Libyan Journal of Science* **26**(1): 1-8.

2022

2. Buraimoh, O. M., **Sogbanmu, T. O.**, *Ojo-Omoniyi, O. A., Afolabi, O. and Ganobi, C. M. (2022). Morphological, biochemical and molecular identification of autochthonous

fungal population in slaughterhouse effluent, surface water and fish gut from the Ogun River, Nigeria. *Food and Environment Safety* **21**(2): 152-170

3. Aribisala, O. A., ***Sogbanmu, T. O.** and Kemabonta, K. A. (2022). Genotoxic, biochemical and histological biomarkers of subacute concentrations of paraquat and glyphosate in Nile Tilapia. *Environmental Analysis Health and Toxicology* **37**(2): e2022012
4. *Kasprzyk-Hordern, B., Adams, B., Adewale, I.D., Agunbiade, F. O., Akinyemi, M. I., Archer, E., Barnet, J., Badru, F.A., Bishop, I. J., Di Lorenzo, M., Estrela, P., Faraway, J., Fasona, M. J., Fayomi, S. A., Feil, E., Irewale, A.T., Kjeldsen, T., Lasisi, A.K.S., Louw, T.M., Metcalfe, B., Nmormah, S.A., Oluseyi, T.O., Smith, M.C., Snyman, T.R., **Sogbanmu, T.O.**, Stanton-Fraser, D., Surujal-Naicker, S., Wilson, P.R., Wolfaardt, G., Yinka-Banjo, C.O. (2022). Wastewater-based epidemiology in hazard forecasting and early-warning systems for global health risks. *Environment International* **161**: 107143

2021

5. Faremi, O. E., ***Sogbanmu, T. O.** and Adeyemo, O. K. (2021). How sawmill wastes impacts surface water, sediment, macrobenthic invertebrates and fish: A case study of the Lagos lagoon, Okobaba area, South-Western Nigeria. *Environmental Monitoring and Assessment* **193**(4): 235
6. *Jimoh, R. O. and **Sogbanmu, T. O.** (2021). Sublethal concentrations of triclosan and triclocarban induce histological, genotoxic and embryotoxic effects in *Clarias gariepinus* (Burchell, 1822). *Environmental Science and Pollution Research*
7. Oyeniran, D. O., ***Sogbanmu, T. O.** and Adesalu, T. A. (2021). Antibiotics, algal evaluations and subacute effects of abattoir wastewater on liver function enzymes, genetic and haematologic biomarkers in the freshwater fish, *Clarias gariepinus*. *Ecotoxicology and Environmental Safety* **212**: 111932.

2020

8. Oladokun, E. I., ***Sogbanmu, T.O.** and Anikwe, J. C. (2020). Sublethal concentrations of dichlorvos and paraquat induce genotoxic and histological effects in the *Clarias gariepinus*. *Environmental Analysis Health and Toxicology* **35**(3): e2020013
9. Nwabueze, C. J., ***Sogbanmu, T. O.** and Ugwumba, A. A. A. (2020). Physicochemical characteristics, animal species diversity and oxidative stress responses in dominant fish from an impacted site on the Lagos Lagoon, Nigeria. *Ife Journal of Science* **22**(2): 81-93.
10. Ogugba-Udume, F. C., ***Sogbanmu, T. O.** and Saliu, J. K. (2020). Acute toxicity and genotoxicity of sublethal concentrations of sodium lauryl sulfate and sodium tripolyphosphate against *Clarias gariepinus* (The African Sharptooth Catfish). *Journal of Scientific Research and Development* **19**(1): 185-191.
11. ***Sogbanmu, T. O.**, Fatunsin, O. T., Echebiri, F. O., Otitoloju, A. A. and Olayinka, K. O. (2020). Sawmill activities near the Lagos lagoon, Nigeria: Polycyclic aromatic hydrocarbons analysis and embryotoxic evaluations of sediment extracts using *Clarias gariepinus*. *Bulletin of Environmental Contamination and Toxicology* **104**(6): 809-819
12. ***Sogbanmu, T. O.**, Aitsegame, S.O., Otubanjo, O. A. and Odiyo, J. O. (2020). Drinking water quality and human health risk evaluations in rural and urban areas of Ibeju-Lekki and Epe Local Government Areas, Lagos, Nigeria. *Human and Ecological Risk Assessment: An International Journal* **26**(4): 1062-1075

2019

13. ***Sogbanmu, T. O.**, Sosanwo, A. A. and Ugwumba, A. A. A. (2019). Histological, microbiological, physicochemical and heavy metals evaluation of effluent from Kara Cow Market, Ogun state in Guppy Fish (*Poecilia reticulata*). *The Zoologist* **17**: 54-61.
14. ***Sogbanmu, T. O.**, Bawa-Allah, K. A. and Oroboade, D. F. (2019). Toxicological evaluations of treated cosmetic effluent on *Clarias gariepinus* (The African Sharptooth Catfish). *UNILAG Journal of Medicine, Science and Technology* **7**(2): 83-98.
15. ***Sogbanmu, T. O.**, Osibona, A. O. and Otitoloju, A. A. (2019). Specific polycyclic aromatic hydrocarbons identified as ecological risk factors in the Lagos lagoon, Nigeria. *Environmental Pollution* **255**: 113295

16. Olaniran, E. I., ***Sogbanmu, T. O.** and Saliu, J. K. (2019). Biomonitoring, physico-chemical and biomarker evaluations of abattoir effluent discharges into the Ogun River from Kara Market, Ogun State, Nigeria using *Clarias gariepinus*. *Environmental Monitoring and Assessment* **191**: 44
- 2018**
17. ***Sogbanmu, T.O.**, Osibona, A.O., Oguntunde, A.O. and Otitoloju, A.A. (2018). Biomarkers of toxicity in *Clarias gariepinus* exposed to sublethal concentrations of polycyclic aromatic hydrocarbons. *African Journal of Aquatic Science* **43**(3): 281-292.
18. Mumuni, A. A. and ***Sogbanmu, T. O.** (2018). Embryotoxic, developmental and genotoxic evaluations of a endosulfan and deltamethrin mixture on the African sharptooth catfish (*Clarias gariepinus*). *West African Journal of Applied Ecology* **26**(1): 1-10
- 2017**
19. ***Sogbanmu, T. O.**, Doherty, V. F., Buraimoh, M. O. and Arokoyu, O. E. (2017). Influence of a dispersant on the types and growth of microbial hydrocarbon degraders in a crude oil-contaminated medium. *Journal of Health and Pollution* **7**(14): 62-70.
- 2016**
20. Akeredolu, E. O., ***Sogbanmu, T. O.** and Okunoye, T. E. (2016). Haematologic and oxidative stress effects of occupational exposure to volatile organic compounds in *Mus musculus* at printing presses in Lagos, Nigeria. *University of Lagos Journal of Basic Medical Sciences* **4** (8): 92-99.
21. **Sogbanmu, T. O.**, Nagy, E., Phillips, D. H., Arlt, V. M., Otitoloju, A. A. and Bury, N. R. (2016). Lagos lagoon sediment organic extracts and polycyclic aromatic hydrocarbons induce embryotoxic, teratogenic and genotoxic effects in *Danio rerio* (zebrafish) embryos. *Environmental Science and Pollution Research* **23**(14): 14489-501.
- 2014**
22. ***Sogbanmu, T. O.** and Otitoloju, A. A. (2014). Joint action toxicity and biochemical effects of binary mixtures of forcados light crude oil and three dispersants against *Clarias gariepinus*. *International Journal of Environmental Research* **8** (2): 395-402.
- 2013**
23. Eseigbe, F. J., Doherty, V. F., **Sogbanmu, T. O.** and Otitoloju, A. A. (2013). Histopathology alterations and lipid peroxidation as biomarkers of hydrocarbon-induced stress in earthworm, *Eudrilus eugeniae*. *Environmental Monitoring and Assessment* **185**: 2189-2196.
- 2012**
24. Akpan, K. V., ***Sogbanmu, T. O.**, Otitoloju, A. A. (2012). Influence of volatile organic solvents' inhalation on activity quotient and biochemical indices of *Mus musculus*. *Journal of Environmental and Occupational Science* **1**(3): 155 – 160.
25. Doherty, V. F., ***Sogbanmu, T. O.**, Kanife, U. C. and Wright, O. (2012). Heavy metals in vegetables collected from farm and market sites in Lagos State. *Global Advanced Journal of Environmental Science and Toxicology* **1**(6):137-142.
26. King, M. A., **Sogbanmu, T. O.**, Osibona, A. O., Doherty, V. F. and Otitoloju, A. A. (2012). Toxicological evaluations and usefulness of lipid peroxidation as biomarker of exposure to crude oil and petroleum products tested against *Clarias gariepinus* and *Clibanarius africanus*. *Nature Environment and Pollution Technology* **11** (1): 1-6.
- 2009**
27. Otitoloju, A. A. and ***Popoola, T. O.** (2009). Estimation of “environmentally sensitive” dispersal ratios for chemical dispersants used in crude oil spill control. *The Environmentalist* **29** (4): 371-380. (*maiden name)
- Review Article (Peer-Reviewed)**
28. Yalwaji, B., John-Nwagwu, H. O. and ***Sogbanmu, T. O.** (2022). Plastic pollution in the environment in Nigeria: a rapid systematic review of the sources, distribution, research gaps and policy needs. *Scientific African* **16**: e1220

29. *Adeyemo, O. K., **Sogbanmu, T. O.**, Alarape, S. A. and Denslow, N. D. (2020). Biomonitoring of aquatic pollution: status and trend from genomics to population. *Proceedings of the Nigerian Academy of Science Themed Edition: SDG 14* **13**(2): 115-129.

Editorial

30. *Santos, C. F., Agardy, T., Aheto, D., Allison, E. H., Bennett, N. J., Blythe, J. L., Calado, H., Crowder, L. B., Day, J. C., de Vos, A., Flannery, W., Galpassoro, I., Elena Gissi, E., Gjerde, K. M., Gobin, J. F., Green, S., Isaacs, M., Karuaihe, S. T., Lombard, A. T., Lopes, P. F. M., Mulalap, C. Y., Ojea, E., Orbach, M., Pecl, G., Reid, A., Scherer, M., Shelton, A. J., **Sogbanmu, T. O.**, Villasante, S., Wedding, L. and *Sumaila, U. R. (2023). Advancing interdisciplinary knowledge for ocean sustainability. *npj Ocean Sustainability* **2**(1): 18.
31. *Adeyemo, O. K. and **Sogbanmu, T. O.** (2020). SDG 14: Trend and Trajectory in Nigeria. *Proceedings of the Nigerian Academy of Science Themed Edition: SDG 14* **13**(2): 2-3.

Short Communications/Comment (Peer-Reviewed)

32. *Sogbanmu, T. O., *Jean Gordon, H. S., El Youssfi, L., Obare, F. D. and Duncan, S., Hicks, M., Bello, K. I., Ridzuan, F., Aremu, A. O. (2023). Indigenous youth must be at the forefront of climate diplomacy. *Nature* **620**: 273-276.
33. Ågerstrand, M., Arinaitwe, K., Backhaus, T., Barra, R. O., Diamond, M., Grimalt, J., Groh, K., Faith Kandie, F., Perihan Binnur Kurt-Karakus, P. B., Letcher, R. J., Rainer Lohmann, R., Meire, R., Oluseyi, T., Schäffer, A., Septiono, M., Sigmund, G., Soehl, A., **Sogbanmu, T. O.**, Suzuki, N., Venier, M., Vlahos, P. and Scheringer, M. (2023). Key principles for the intergovernmental science-policy panel on chemicals and waste. *Environmental Science and Technology* **57**(6): 2205-2208.
34. *Ibrahim, M. A., **Sogbanmu, T. O.**, Omoju, O. E. and Ukwaja, K. N. (2020). A solution-based position paper of the Nigerian Young Academy on Sex-for-Grades menace across Nigerian Tertiary Institutions. *Annals of Science and Technology* **5**(1): 66-68.

Book Chapters (Peer-Reviewed)

35. ***Sogbanmu T. O.** and Onuminya T. O. (2022). Time and resource optimization for career advancement by women scientists from resource-poor settings. *In: Nwaichi E.O. (eds) Science by Women. Women in Engineering and Science. Springer, Cham. Pp. 155-168.*
36. ***Sogbanmu, T. O.**, Ogunkoya, O. A., Olaniran, E. I., Lasisi, A. K. and Seiler, T.-B. (2021). Adverse impacts of human activities on aquatic ecosystems: investigating the environmental sustainability perception of stakeholders in Lagos and Ogun states, Nigeria. *In: Nubi T.G., Anderson I., Lawanson T., Oyalowo B. (eds) Housing and SDGs in Urban Africa. Advances in 21st Century Human Settlements. Springer, Singapore. Pp. 125-145.*
37. ***Sogbanmu, T. O.**, Sobowale, K. O., Dopemu, O. C., Togun, O. V., Afolabi, O. T. and Magami, I. M. (2020). Air pollution in Nigeria: a review of the causes, effects, control and management. *In: Our Changing Environment and Development: a book of research edited by Jacinta A. Opara, Chapter 40, 368-375pp. Metropolitan International University Press. ISBN 978-9970-9670-0-1 (print); 978-9970-9670-1-8 (online)*

Books

38. Otitolaju, A. A., **Sogbanmu, T. O.**, Bawa-Allah, K. A., Amaeze, N. H. and Doherty, V. F. (2018). *Understanding Environmental Pollution and Management*. University of Lagos Press, 461 pages.

39. Otitolaju, A. A., Bawa-Allah, K. A., **Sogbanmu, T. O.**, Amaeze, N. H. and Doherty, V. F. (2018). *Ecotoxicology: Principles and Practice*. University of Lagos Press, 251 pages.

Policy Documents & Public Outreach/Engagement Articles

40. **Sogbanmu, T. O.** (2022). Plastic pollution in Nigeria is poorly studied but enough is known to urge action. *The Conversation*, June 27, 2022
41. **Sogbanmu, T. O.** (2020). Sustain Life Below Water, Save Livelihoods and Human Health: Evidence-Based Recommendations. Evidence Use in Environmental Policymaking In Nigeria (EUEPiN) Policy Brief No. 1: 4 pgs. 28 December 2020.
42. Mugabe, J. O., Kulohoma, B. W., Matoke-Muhia, D., Ubalijoro, E., Fagbamigbe, F. A., Mwaura, G. Gitaka, J., Thorn, J. P. R., Badu, K., Muchie, M., Dukhi, N., Ndung'u, T., Muposhi, V. K., Bouhaouala-Zahar, V. K., **Sogbanmu, T.**, Kapulu, M. (2020). Securing Africa's health sovereignty: why investing in science and innovation matters. *AAS Open Research* 3:52 (<https://doi.org/10.21955/aasopenres.1115135.1>)
43. Ibrahim, M. A., **Sogbanmu, T. O.**, Omoju, O. A. and Ukwaja, K. N. (2020). Sex for grades in Nigerian Tertiary institutions: evidence-based recommendations for policy action by the Nigerian Young Academy. *Nigerian Young Academy Publication*. 2 pages.

Manuals

44. Sogbanmu, T. O., Oluwarore, K. and Akpan, S. (2021). Conservation education training manual for coastal communities in Niger Delta, Nigeria. 33pp. <https://drive.google.com/file/d/1nNU5CRFTyepn1v-kDY4lpu6tyz7NNoQz/view>
45. Otubanjo, O., Akinsanya, B., Anikwe, J., Adetoro, F., **Sogbanmu, T. O.**, Noriode, R., Adeyemi, O. and Lawal, S. (2017). *Introductory Zoology: Invertebrates Laboratory Manual*. Department of Zoology, University of Lagos. 191 pages.
46. Otubanjo, O., Saliu, J. K., Akinsanya, B., **Sogbanmu, T. O.**, Noriode, R. and Adeyemi, O. (2017). *Introductory Zoology II: Vertebrates Laboratory Manual*. Department of Zoology, University of Lagos. 191 pages.

Open Access Information Systems/Resources

47. **Sogbanmu, T. O.**, Okiki, C. C., Buraimoh, O. M., Malomo, B. I. and Otitolaju, A. A. (2021). Environmental Evidence Portal for Nigeria (EEPoN).
48. **Sogbanmu, T. O.**, Ekweozoh, P. C., Otitolaju, A. A. and Adeyemo, O. K. (2020). The Evidence Use in Environmental Policymaking in Nigeria (EUEPiN) Project

INVITED TALKS/KEYNOTE PRESENTATIONS

Summary: 30 invited national and international guest lecture/keynote presentations

International 2023

1. **Implementing the Global Indigenous Youth Summit on Climate Change (GIYSCC): Outcomes and Opportunities.** Presented at the International Network for Government Science Advice (INGSA) Africa, Science Advice Skills Development Program (SASDP) Cohort 2, Virtual, September 25, 2023.
2. **Knowledge Co-Production through Stakeholder Engagement in Environmental/Ocean Sciences Research.** Presented at the Coastal Ocean Environment Summer School in Nigeria and Ghana (COESSING), University of Ghana, via Zoom, August 4, 2023.
3. **Natural Resources Extraction and Energy Access in Nigeria: Challenges, Adverse Impacts and Considerations for Sustainable Management.** Presented at

the Energy Cafe Talk of the Centre for Energy Ethics, University of St Andrews, Scotland via Zoom, May 30, 2023.

2022

4. **Perspectives on Capacity Building Needs and Demands of Ocean Sciences Stakeholders in Africa.** Presented at the GEO Blue Planet 5th Symposium, October 26, 2022, Alisa Hotel North Ridge, Accra, Ghana.
5. **Balancing social, economic and ecological goals for addressing plastic pollution.** Presented at the African Plastics Initiative Workshop, Sept. 14, 2022 (Virtual).
6. **Sustainable Mining and Non-Communicable Diseases.** Royal Society Commonwealth Science Conference Sub-Saharan Africa Follow-On Meeting, Programme Booklet, pp.16-17, March 14-16, 2022, Accra, Ghana.
7. **Links between Research and Policy.** Delivered in a panel session at an online Policy Training Fellowship Workshop organized by the African Institute for Development Policy (AFIDEP), February 14, 2022.

2019

8. Olatunji, G. A. and **Sogbanmu, T. O.** Scientific considerations for the management of chemicals in Africa: overview for Nigeria. SETAC Africa 9th Biennial Conference and Society for Risk Analysis 5th World Conference, Cape Town, South Africa, May 8, 2019.

National

2023

9. **Evidence-Informed Environmental Policy Formulation or Decision Making in Lagos State.** Presented at the **Eko EnviroTalk**, 2nd Anniversary Edition, Virtual, October 2, 2023.
10. **Understanding the Nigeria Science Policy Interfaces: Contexts and Interactions between Science and Politics.** Presented at the Nigerian Science-Policy Dialogue (Webinar Series) on Biodiversity Conservation (Representing Prof Bola Oboh, DVC (Academics and Research, UNILAG). Coordinated by the Nigerian IPBES National Platform, May 26, 2023.

2022

11. **Preventing the Next Pandemic: The Role of National Young Academies.** Presented at the Nigerian Young Academy (NYA) Webinar 3.10, December 1, 2022.
12. **Developing a Triple-Helix of University-Industry-Government Partnership and Linkages in Africa: A Necessary Tool for Translational Research in the 21st Century.** Presented at the University of Lagos Humboldt Kolleg, Programme and Book of Abstract, p. 29, Tayo Aderinokun Auditorium, University of Lagos, Akoka, Lagos, Nigeria, November 6-9, 2022.
13. **Sogbanmu, T.O.,** Tella, A., Olukoju, A., Ajuwon, G., Al Bairi, E., Ope-Davies, T. **Addressing the vulnerability of African academics to predatory journals and conferences.** Centre for Multidisciplinary Research and Innovation (CEMRI). June 25, 2022 (Virtual).
14. Nwaichi, E. and **Sogbanmu, T. O.** **Ethical practices in collaboration and the implications of non-ethical conducts for Globalisation.** Nigerian Applied Microbiologists Network. June 25, 2022 (Virtual).
15. **Sogbanmu, T. O.** and Itua, E. O. **Only One Earth: How to encourage living sustainably in harmony with nature.** Fireside Chat by Nigeria Climate Innovation Centre (NCIC) and FC4SLagos. June 23, 2022 (Virtual).
16. **Sogbanmu, T. O.** and Okonofua, F. **Predatory Journals in the Nigerian Context.** Nigerian Academy of Sciences (NAS) Webinar, March 9, 2022.

2021

17. **Ecosystem Restoration.** A presentation at the webinar of the Waste Management Society of Nigeria (WAMASON) Lagos Council in commemoration of the 2021 World Environment Day. Virtual Presentation, June 7, 2021.

18. **Ecosystem Restoration.** A presentation at the webinar of the Cleaner and Healthier Nigeria Initiative in commemoration of the 2021 World Environment Day. Virtual Presentation, June 4, 2021.
 19. **Women in Science: An Inspiration for Future Generations.** A presentation at the webinar of the Sciences and Development Association in partnership with Sultan Moulay Slimane University and the Higher School of Technology of Khenifra, Morocco via Microsoft Teams, March 31, 2021.
 20. **Time and resources optimization for career advancement by women scientists from resource-poor settings.** A presentation at the webinar of the Organization for Women in Science in the Developing World (OWSD) University of Port-Harcourt Chapter, January 26, 2021.
- 2020**
21. **Plagiarism: Mitigating an Unethical Conduct in Academics.** A presentation at the webinar of the Nigerian Young Academy Webinar Series 4.0 via Zoom, October 29, 2020.
 22. **Securing Relevant Research Grants in a COVID-19 Era.** A workshop presented at the Society for Environmental Toxicology and Pollution Mitigation (SETPOM) International (Virtual) Conference 2020 via Zoom, October 23, 2020.
 23. **The United Nations SDGs and African Union Agenda 2063: Environmental Health Priorities for Nigeria.** Presented at the One Health Advocacy Mentorship (OHAM) Webinar by the One Health Development Initiative (OHDI) via Zoom, June 26, 2020.
- 2019**
24. **Preservation of Waterfronts: Our Collective Responsibility.** 2019 Clean Up Lagos Waterfronts themed: Cleaner Waterfront, Our Pride. Lagos State Ministry of the Environment, Lagos State Government Ferry Jetty, Mile 2, Amuwo Odofin LGA, Lagos. December 12, 2019.
 25. **Marine Environment Health: Safety Considerations for the Marine Ecology in Nigeria.** Postgraduate Maritime Students Association, Institute of Maritime Studies University of Lagos, HSE Day, June 27, 2019.
- 2018**
26. **Research Funding Opportunities.** Society for Environmental Toxicology and Pollution Mitigation (SETPOM) International Conference, October 24-25, 2018, Tayo Aderinokun Hall, University of Lagos, Akoka, Lagos, Nigeria.
 27. **The ABCs of Research grants, fellowships and publications.** Colloquium of the Faculty of Natural and Applied Sciences, Anchor University, Ayobo, Lagos, Nigeria, October 18, 2018
 28. Olayinka, K., Ajani, S. A., **Sogbanmu, T. O.** and Oguguah, N. **Nature for Water.** Nigerian Environmental Society-United Nations Information Centre World Water Day Celebration, March 22, 2018, University of Lagos Lagoon Front, Akoka, Lagos
- 2017**
29. **Water and Wastewater.** United Nations Information Centre - Nigerian Environmental Society 2017 World Water Day Celebration, March 22, 2017, UNIC, Ikoyi, Lagos.
- 2016**
30. Olayinka, K., Omotayo, A. E and **Sogbanmu, T. O.** **Collaborative Work as a Pathway to Innovation.** Women Advancement Forum, International Exchanges, Research and Academia (WAFIRA) workshop, April 14, 2016, Afe Babalola Auditorium, University of Lagos, Nigeria.

CONFERENCE PAPER PRESENTATIONS

Summary: 55 int'l and nat'l presentations (*presenter; _____ BSc/MSc project student)

International

2023

1. *Chukwu, E., ***Sogbanmu, T. O.**, Schneider, M. D., Kaufer, R., Hewitt, C. L., Rubin, H., Bortolus, A., Heesen, R., Metzen, H., Mitova, V., Schwenkenbecher, A., Schwindt, E., Slanickova, H., Woolaston, K. and Yu, Li-an (2023). Comparative analysis of COVID-19 pandemic and biosecurity evidence-based policy literature: an evidence map. ZIF Research Group (The Epidemiology of Evidence-Based Policy) Forum on the Future of Evidence-Based Policy, Centre for Interdisciplinary Research (ZiF), Bielefeld University, Germany, December 14-16, 2023.
2. ***Sogbanmu, T. O.**, Schneider, M. D., Kaufer, R., Hewitt, C. L., Rubin, H., Bortolus, A., Chukwu, E., Heesen, R., Metzen, H., Mitova, V., Schwenkenbecher, A., Schwindt, E., Slanickova, H., Woolaston, K., and Yu, Li-an (2023). Knowledge demand and supply in evidence-based policy. ZiF Research Group (The Epidemiology of Evidence-Based Policy) Workshop III – Epistemic Standards of Due Care, Centre for Interdisciplinary Research (ZiF), Bielefeld University, Germany, June 28-29, 2023.

2022

3. Nedozi, O. I., ***Sogbanmu, T. O.**, Abdulrazaq, M. M. and Oloyo, A. K. (2022). Simulated occupational exposure to VOCs emissions from printing ink significant effects in laboratory mice. Royal Society Commonwealth Science Conference Sub-Saharan Africa Follow-On Meeting, March 14-16, 2022, Accra, Ghana.

2021

4. *Shukurat O. Adebayo, **Temitope O. Sogbanmu** and Joseph K. Saliu (2021). Physicochemical evaluation, acute and subacute toxicity of hair dressing salon wastewater against the African Sharptooth Catfish. *Abstract Book* p. 16, Society of Environmental Toxicology and Chemistry (SETAC) Africa 10th Biennial Conference (Virtual) Poster ID – 2.01.20, September 20-22, 2021.
5. *Elizabeth Ekeoseye, **Temitope O. Sogbanmu** and Joseph K. Saliu (2021). Fisheries diversity, macro- and microplastic distribution in surface water, sediment, macrobenthos and fish species of the Lagos Lagoon, Nigeria. *Abstract Book* p. 10, Society of Environmental Toxicology and Chemistry (SETAC) Africa 10th Biennial Conference (Virtual) Platform Presentation ID – 3.06.05, September 20-22, 2021.
6. *Elizabeth Ademola and **Temitope O. Sogbanmu** (2021). Multi-biomarker evaluation in various life stages of *Clarias gariepinus* exposed to raw and simulated leachate from Solous dumpsite in Lagos, Nigeria. *Abstract Book* p. 1, Society of Environmental Toxicology and Chemistry (SETAC) Africa 10th Biennial Conference (Virtual) Platform Presentation ID – 1.01.03, September 20-22, 2021.
7. *Babangida Yalwaji, Happy O. John-Nwagwu and **Temitope O. Sogbanmu** (2021). Plastic pollution in the environment in Nigeria: a rapid systematic review of the sources, distribution, research gaps and policy needs. *Abstract Book* p. 11, Society of Environmental Toxicology and Chemistry (SETAC) Africa 10th Biennial Conference (Virtual) Platform Presentation ID – 3.06.18, September 20-22, 2021.
8. ***Temitope O. Sogbanmu**, Olanike M. Buraimoh, Bolajoko I. Malomo, Christopher Okiki and Adebayo Otitolaju (2021). Lessons learnt from the development of an environmental evidence portal for Nigeria and capacity building on evidence-informed decision making in environmental management. *Abstract Book* p. 21, Society of Environmental Toxicology and Chemistry (SETAC) Africa 10th Biennial Conference (Virtual) Poster ID – 4.01.07, September 20-22, 2021.
9. ***Temitope O. Sogbanmu**, Oseghale Ehilen, Adebayo A. Otitolaju, Peter C. Ekweozoh and Olanike K. Adeyemo (2020). Bridging the gap between researchers and policymakers for evidence-informed decision making: The Evidence Use in Environmental Policymaking in Nigeria (EUEPiN) project. Presented at the Royal Society Commonwealth Science Conference 2021 (Virtual), February 22,26, 2021.

2020

10. ***Sogbanmu, T. O.** and Ekweozoh, P. C. (2020). Investigating the capacity for science advice and utilization of scientific evidence for environmental policymaking in Nigeria: a case study. *Abstract Book*, pp. 323, Society of Environmental Toxicology and

Chemistry (SETAC) Europe SciCon 30th Annual Meeting, May 3-7, 2020, Online Meeting – Poster ID – 6.12P.1

2019

11. *Jimoh, R. O. and **Sogbanmu, T. O.** (2019). Environmental concentrations of triclosan and triclosan: genotoxic, embryotoxic and histological effects in various life stages of the African Sharptooth Catfish. Book of Abstracts, pp. 88, P129, 40th Annual Meeting of the American College of Toxicology, November 17-20, 2019 Phoenix, Arizona, USA.
12. ***Sogbanmu, T. O.**, Cheung, W.W.L., Lam, V.W., Sumaila, U.R. and Saltos, J.J.A. (2019). Climate change indices-polycyclic aromatic hydrocarbons-sustainable fisheries nexus in coastal ecosystems and vulnerable economies: a conceptual framework. *Abstract Book*, pp. 227, Society of Environmental Toxicology and Chemistry (SETAC) North America 40th Annual Meeting, 3th – 7th November, 2019, Toronto, Canada.
13. ***Sogbanmu, T. O.** and Faremi, O. E. (2019). Biomonitoring, toxicological and stakeholders' environmental risks knowledge evaluations at a sawmills-impacted site on the Lagos lagoon, Nigeria. *Abstract Book*, pp. 255, Society of Environmental Toxicology and Chemistry (SETAC) North America 40th Annual Meeting, 3th – 7th November, 2019, Toronto, Canada.
14. ***Sogbanmu, T. O.**, Chukwumaife, O. I. and Ogun, A. N. (2019). Printing press effluents: toxicological evaluations in the African sharptooth catfish and treatment efficacy using prototype effluent treatment unit. The African Academy of Sciences Connecting of the Minds Meeting, ICRAF, Nairobi, Kenya, September 24-28, 2019.
15. ***Sogbanmu, T. O.** and Aribisala, O. A. (2019). Pesticides and non-target animals: farmers' environmental risks perception and toxicological evaluations of paraquat and glyphosate on Nile Tilapia. SETAC Africa 9th Biennial Conference and Society for Risk Analysis 5th World Conference, Cape Town, South Africa, May 6-8, 2019

2018

16. ***Sogbanmu, T. O.** and Ogunkoya, O. A. (2018). Human health risks perception and in situ ecotoxicological evaluations of saw milling activities on the Lagos lagoon, Nigeria using Tilapia and Blue Crab. *Book of Abstracts*, Pg. 108, Genomics and Human Health in Africa Conference, Khartoum, Sudan, December 2 – 7, 2018.
17. Esther Olaniran and ***Temitope Sogbanmu** (2018). Environmental risk assessment of effluent discharges into the Ogun River from Kara Cow Market, Ogun state, Nigeria. *Book of Abstracts*, p. 131, 10th Congress of Toxicology in Developing Countries (CTDC10), Belgrade, Serbia, April 18-21, 2018.

2017

18. ***Sogbanmu, T. O.**, Fatunsin, O. T., Echebiri, F. O., Otitoloju, A. A. and Olayinka, K. O. (2017). Fish decline in the Lagos lagoon, Nigeria: Impacts of Saw-Milling activities on *Clarias gariepinus* (African Mud Catfish) embryos. Royal Society Commonwealth Science Conference 2017, June 13-16, 2017, Biopolis, Singapore.
19. ***Sogbanmu, T. O.** and Sosanwo, A. A. (2017). Toxicological Evaluations of Effluents from Kara Cow Market, Ogun on Guppy Fish (*Poecilia reticulata*). *Book of Abstracts*, pp. 165, Society of Environmental Toxicology and Chemistry (SETAC) Europe 27th Annual Meeting, 7th – 11th May, 2017, Brussels, Belgium.

National

2023

20. **Fasiku, A. E. and **Sogbanmu, T. O.** (2023). Physico-chemical and pharmaceutical analyses, acute and sub-acute toxicity evaluation of Poultry slaughterhouse effluent on the African Sharptooth catfish (*Clarias gariepinus*). Programme and Book of Abstracts p. 43 (BHS/OR/011), Makanjuola Theatre, 5th Lagos State University Research and Innovation Fair, Ojo, Lagos, Nigeria, September 12, 2023
21. **Bello, A. and **Sogbanmu, T. O.** (2023). Macro- and microplastic evaluation in surface water, sediment, and biota of the Badagry, Iyagbe and Yewa Lagoons, Nigeria. Programme and Book of Abstracts, Makanjuola Theatre, 5th Lagos State University Research and Innovation Fair, Ojo, Lagos, Nigeria, September 12, 2023

22. **Bisiriyu, M. B.** and **Sogbanmu, T. O.** (2023). Macro- and microplastic evaluation in surface water, sediment, fish and benthic invertebrates of the Lagos Lagoon Complex (Lagos, Ologe and Lekki lagoons) Programme and Book of Abstracts p. 42 (BHS/OR/010), Makanjuola Theatre, 5th Lagos State University Research and Innovation Fair, Ojo, Lagos, Nigeria, September 12, 2023

2022

23. **Adebayo, Abimbola O.** and **Sogbanmu, Temitope O.** (2022). Reduced pH and increased salinity potentiate the toxicity of printing industry effluent in different life stages of the freshwater fish - *Poecilia reticulata*. 15th Zoological Society of Nigeria Conference (UNILAG 2022), Programme and Book of Abstracts, p. 51, Tolu Odugbemi Auditorium, University of Lagos, Akoka, Lagos, Nigeria, November 28-29, 2022.
24. **Oluwaseun O. Kupoluyi,** Kevin M. P. Z. Sintondji, **Temitope O. Sogbanmu** and Victorien T. Dougnon (2022). Comparative assessment of drinking water quality, waste management and environmental risk perception at selected slum communities in Lagos, Nigeria and Ladji, Republic of Benin. Nigerian Young Academy Conference and General Assembly Programme and Book of Abstract, NYA-2022-019 50, National Centre for Energy Research and Development, University of Nigeria, Nsukka, Enugu State, Nigeria, November 17, 2022
25. **Mariam O. Lawal,** **Temitope O. Sogbanmu** and Tolulope A. Oyedeji (2022). Genotoxic, haematological and biochemical effects of simulated occupational exposure to volatile organic compounds (VOCs) from printing ink in *Mus musculus* (House mouse). 15th Zoological Society of Nigeria Conference (UNILAG 2022), Programme and Book of Abstracts, p. 46, Tolu Odugbemi Auditorium, University of Lagos, Akoka, Lagos, Nigeria, November 28-29, 2022
26. **Obialor, Precious C., Sogbanmu, Temitope O.** and Adetoro, Fouad A. (2022). Assessment of the pollution status of selected anthropogenic-impacted sites on the Ogun River using aquatic insects as bioindicators) at the University of Lagos Humboldt Kolleg, Programme and Book of Abstract, p. 82, Tayo Aderinokun Auditorium, University of Lagos, Akoka, Lagos, Nigeria, November 6-9, 2022

2021

27. Adesida, S., *Akinwumi, I., Fasona, M., Minari, J., Oluseyi, T., Oluwole, E., Omilabu, S., *Segun, T. and **Sogbanmu, T.** (2021). Detection of SARS-CoV-2 RNA in wastewater samples from anthropic sites in Lagos Metropolis, Nigeria: Implications for community surveillance and management. *Books of Abstracts*, p. 33. Presented at the 11th Nigerian Young Academy International Conference and General Assembly, August 23-26, 2021, University of Abuja, FCT, Abuja, Nigeria.
28. ***Sogbanmu, T. O.,** Okiki, O.C., Malomo, B.I., Buraimoh, O.M. and Otitoloju, A.A. (2021). Lessons Learnt from the deployment of an open-access digital platform to promote Evidence-Informed Decision Making in Environmental Management in Nigeria. *Books of Abstracts*, p. 37. Presented at the 11th Nigerian Young Academy International Conference and General Assembly, August 23-26, 2021, University of Abuja and Consort Hotel and Luxury Suites, FCT, Abuja, Nigeria.
29. ***Sogbanmu, T. O.,** Buraimoh, O.M., Malomo, B.I., Okiki, O.C. and Otitoloju, A.A. (2021). Capacity building workshop on evidence-informed decision making in environmental management: a Case Study. *Books of Abstracts*, p. 50. Presented at the 11th Nigerian Young Academy International Conference and General Assembly, August 23-26, 2021, University of Abuja, FCT, Abuja, Nigeria.

2020

30. ***Amodeni, A. T.** and **Sogbanmu, T. O.** (2020). In situ monitoring of plastic waste dumps in the Lagos lagoon, Nigeria and Stakeholders' environmental risk perception. *Book of Abstracts*, 1st Nigerian Academy of Science Annual Conference, February 4-5, 2020 University of Lagos, Akoka, Lagos, Nigeria

2019

31. **Sogbanmu, T. O.,** *Sobowale, K., Magami, I. M., Dopemu, S. C., Togun, O. V. and Afolabi, O. T. (2019) A review of the current status, effects, control and management

of air pollution in Nigeria. *Book of Abstracts*, p. 70, Society for Environmental Toxicology and Pollution Mitigation (SETPOM) International Conference, University of Lagos, Nigeria, October 16-17, 2019

32. ***Sogbanmu, T. O.** and Ifeanyichukwu, D. P. (2019). Environmental risk perception and toxicological evaluations of printing press effluent using the African sharptooth catfish (*Clarias gariepinus*). *Programme and Book of Abstracts*, p. 56, First Humboldt Kolleg (An International Conference), Nigerian Institute of Medical Research (NIMR), Yaba, Lagos, Nigeria, October 16-19, 2019.
33. *Ogun, A. N., Chukwumaife, O. I. and **Sogbanmu, T.O.** (2019). Efficacy of a Prototype Treatment Unit for Printing Press Effluent: Physicochemical Characterization, Acute Toxicity in the African Sharptooth Catfish. *Book of Abstracts*, 19/SCI/027, 14th University of Lagos Annual Research Conference and Fair, 21-23 August, 2019 (**Oral Presentation**)
34. *Ogugba-Udume, F. C., **Sogbanmu, T.O.** and Saliu, J.K. (2019). Ecotoxicological Evaluation Of Sodium Lauryl Sulphate and Sodium Tripolyphosphate on *Clarias gariepinus*. *Book of Abstracts*, 14th University of Lagos Annual Research Conference and Fair, 21-23 August, 2019

2018

35. *Chukwumaife, O. I. and **Sogbanmu, T.O.** (2018). Environmental Risk Knowledge Assessment, Biochemical and Genotoxic Evaluations of Printing Effluents in *Clarias gariepinus* and the Efficacy of the Treatment Using a Prototype Effluent Treatment Plant. *Programme and Book of Abstracts*, p. 71, Society for Environmental Toxicology and Pollution Mitigation (SETPOM) International Conference, University of Lagos, Nigeria, October 24-25, 2018.
36. ***Sogbanmu, T.O.**, Cheung, W.W.L, Lam, V.W.Y, Sumaila, U.R. and Alava, J.J. (2018). Global Climate Change-Polycyclic Aromatic Hydrocarbons Interactions and their Effects on Fisheries in Coastal Ecosystems: A Conceptual Framework. *Programme of Events and Schedule of Presentations*, pg. 25, 13th University of Lagos Annual Research Conference and Fair, 28th – 30th August, 2018.

2017

37. ***Sogbanmu, T. O.** and Mumuni, A. A. (2017). Embryotoxic, developmental and genotoxic evaluations of a endosulphan and deltamethrin mixture on the African mud catfish (*Clarias gariepinus*). *Book of Abstracts*, 12th University of Lagos Annual Research Conference and Fair, 15th – 17th August, 2017.
38. ***Sogbanmu, T. O.**, Umeatueyi, K. C., Buraimoh, O. M. and Otitolaju, A. A. (2017). In situ toxicological evaluation of effluent from a petroleum depot on Hermit Crab (*Clibanarius africanus*) and their bioremediation using indigenous microorganisms. *Book of Abstracts* pp. 46, Organization for Women in Science for the Developing World – Benson Idahosa University Conference, BIU, Benin City, Edo State, Nigeria, July 31 – August 3, 2017.
39. ***Sogbanmu, T. O.**, Masha, A. and Otitolaju, A. A. (2017). Physico-Chemical Analysis and Ex-Situ Toxicological Evaluation of Petroleum Depot Effluents on *Oreochromis niloticus* (Nile Tilapia) and *Clibanarius africanus* (Hermit Crab). *Book of Abstracts*, p. 128, Society of Environmental Toxicology and Chemistry (SETAC) Africa 8th Biennial Conference, Calabar, Nigeria, October 17-19, 2017.

2016

40. ***Sogbanmu, T. O.**, Osibona, A. O. and Otitolaju, A. A. (2016). Spatio-Temporal Distribution and Sources of Polycyclic Aromatic Hydrocarbons in Water and Fish of the Lagos Lagoon: Are There Ecological Risks? *Programme and Book of Abstracts*, pp. 18, TWAS-ROSSA Young Scientists' Conference and 6th General Assembly of The Nigerian Young Academy, Sheraton Hotel, Ikeja, Lagos, Nigeria, 23-24 August, 2016.

2015

41. ***Sogbanmu, T. O.**, Otitolaju, A. A. and Osibona, A. O. (2015). Multibiomarkers in *Clarias gariepinus* exposed to sublethal concentrations of Polycyclic Aromatic

Hydrocarbons. *Book of Abstracts*, pp. 160, 10th University of Lagos Annual Research Conference and Fair, 24th – 26th November, 2015.

42. ***Sogbanmu, T. O.** and Otitolaju, A.A. (2015). Polycyclic aromatic hydrocarbons in sediments of the Lagos lagoon, Nigeria: Seasonal distribution, sources and potential biological effects evaluation. *Programme and Book of Abstracts*, p. 53, Society for Environmental Toxicology and Pollution Mitigation (SETPOM) International Conference, University of Lagos, Nigeria, October 22-23, 2015.

2014

43. ***Sogbanmu, T. O.**, Otitolaju, A. A., Nagy E. and Bury N. (2014). Embryotoxic, Developmental and Genotoxic Evaluations of Single and Quaternary Mixtures of Polycyclic Aromatic Hydrocarbons in *Danio rerio* (Zebrafish) Embryos. *Book of Abstracts*, pp. 24, Society for Environmental Toxicology & Pollution Mitigation (SETPOM) International Conference, December 4-5, 2014.
44. ***Sogbanmu, T. O.**, Doherty, V. F. and Arokoyu, O. F. (2014). Influence of a dispersant on the growth and types of hydrocarbon-degrading Bacteria and Fungi in a crude oil-contaminated medium (water). 3rd Biennial International Conference and Exhibition (ICEI-3), Yaba College of Technology, Lagos, Nigeria. April 8 – 10, 2014.

2013

45. ***Sogbanmu, T. O.** and Otitolaju, A. A. (2013). Priority Polycyclic Aromatic Hydrocarbons contamination in the Lagos lagoon and their acute toxicity against *Clarias gariepinus* and *Sarotherodon melanotheron*. *Book of Abstracts*, pp. 38, Society for Environmental Toxicology & Pollution Mitigation (SETPOM) International Conference, University of Lagos, Nigeria, 21st – 22nd Oct., 2013.

2012

46. ***Sogbanmu, T. O.** and Otitolaju, A. A. (2012). Joint action toxicity and biochemical effects of binary mixtures of forcados light crude oil and three dispersants against *Clarias gariepinus*. *Book of Proceedings*, pp. 494, University of Lagos Golden Jubilee Research Conference and Fair, 6th – 8th November, 2012.
47. *Doherty, V. F., **Sogbanmu, T. O.**, Kanife, U. C. and Wright, O. (2012). Heavy Metals in Vegetables collected from Farm and Market Sites in Lagos State. *Book of Abstracts*, pp. 42, Yaba College of Technology Conference and Research Fair (CONFAIR) 2012.

WORKSHOPS, TRAININGS, CONFERENCES LED/ORGANISED

- 2023 **Lead Facilitator/Coordinator**, NYA/CU Anti-Plagiarism Workshop, CUCRID, Covenant University, Ota, Ogun State, Nigeria, November 30 – December 1, 2023
- 2023 **Co-Lead/Organiser**, Global Indigenous Youth Summit on Climate Change (GIYSCC), Inaugural edition hosted by UNITAR (Virtual), August 9, 2023
- 2022 **Co-Organiser**, 2022 NYA/ACE-SPED Anti-Plagiarism Workshop, National Centre for Energy and Development, University of Nigeria, Nsukka (UNN), November 16-17, 2022
- 2022 **Co-Host/Organiser**, 2022 Coastal Ocean Environment Summer School in Nigeria (COESSIN) - First in Nigeria, Aug. 1-5, 2022, University of Lagos & Nigerian Institute of Oceanography and Marine Research (NIOMR)
- 2021 **Partner/Co-Organiser**, Stakeholders' (Government and Informal Sector (Metals Recyclers) Engagement for the Project - Sustainable Resource Futures in a Circular Economy: Data and Systems-Mapping for Improving Developing Country Circular Economies funded by Royal Academy of Engineering UK

- 2020 - present **Convener**, Evidence Use in Environmental Policymaking in Nigeria (EUEPiN) Project Capacity Building Workshops, January 2020 till date, Virtual and Physical, University of Lagos, Akoka, Lagos, Nigeria.
- 2020 **Co-Chair**, Session 6.12 - Evidence-Informed Policymaking and Stakeholder Engagement on Environmental Management in Africa; **Co-Chair**, Session 3.08 - Emerging Environmental Contaminants – Status, Trend, Challenges and Knowledge Gaps; SETAC Europe SciCon, May, 2020 (Virtual)
- 2019 **Chair**, World Environment Day Lecture, Society for Environmental Toxicology and Pollution Mitigation (SETPOM), University of Lagos Guest Houses and Conference Centre, Akoka, Lagos, Nigeria. June, 2019

RESEARCH GRANTS, FELLOWSHIPS AND AWARDS

Date	Role	Description	Institution
2022-2028	Collaborator/Partner	Solving the Sustainability Challenges at the Food-Climate-Biodiversity (Solving-FCB) Nexus Funding: SSHRC, Canada (\$2,499,940)	IOF-UBC
2022-2024	Co-Investigator	On Site Microbial Assessment and Bioremediation of Oil Spillage in Etsako Local Government Communities of Edo State, Nigeria Funding: TETFUND	TETFUND (PI – Dr Charles Adetunji - Edo State Iyamho)
2022 - 2024	Co-Investigator	Microplastics and plastic-derived chemical contaminants in Africa: implication on human health and the loss of aquatic biodiversity Funding: \$150,000	JWO (FUTA – Dr Gideon Idowu)
Sept-Nov, '22	Mentee	Science Advice Skills Development Program (SASDP)	INGSA Africa/Prof. Paul A. Berkman
April, 2022	Winner	Evidence Intermediaries Category: Africa Evidence Leadership Award (AELA) (\$500)	African Evidence Network (AEN)
Apr-Jul, 2021	Principal Investigator	Development of an Environmental Evidence Portal and Capacity Building Workshop for Selected Environmental Evidence Producers and Users. Funding-AFIDEP: \$10000	University of Lagos
Aug. 2020 –Feb. 2022	Co-Investigator	GCRF_NF98_Building an Early Warning System for community-wide infectious disease spread: SARS-CoV-2 tracking in Africa via environment fingerprinting: GCRF EWS C19 (£441,015)	EPSRC
May 2020-April 2021	Co-Investigator	Environment fingerprinting via digital technology - a new paradigm in hazard forecasting and early-warning	EPSRC

		systems for health risks in Africa (EDGE)' GCRF DIDA: EDGE (£126,722)	
2020	Winner	INGSA-Africa Science Advice Essays and Project Concepts Competition	INGSA Africa
Jan-Dec, 2020	Project Lead	Evidence Use in Environmental Policymaking in Nigeria (EUEPiN) Funding: African Institute for Development Policy (AFIDEP) - \$20000	University of Lagos, Nigeria
2019	Fellow	West African Science Leadership Programme	UG, Accra, Ghana
May, 2018	Travel Grantee	Junior research Travel Fellowship (\$1000) to present a paper at the 10 th Congress of Toxicology in Developing Countries, Belgrade, Serbia	International Union of Toxicology
2017	Travel Awardee	Travel Award to present a paper at the 27 th annual meeting of SETAC Europe	SETAC Europe / Brussels, Belgium
2017	Postdoc Travel Award	Award to participate at the Commonwealth Science Conference, Singapore	The Royal Society / Singapore
2016 – 2017	Principal Researcher	Fish Decline in the Lagos Lagoon: Developmental Toxicity of Sediments at Okobaba Section of the Lagos Lagoon on <i>Clarias gariepinus</i> Embryos. Funding: PADI Foundation Grant Cycle 2016 (\$5000)	Department of Zoology, University of Lagos, Nigeria

PROFESSIONAL CONSULTANCIES

- 2021 **Consultant;** *Conservation Education for Niger-Delta Coastal Communities, Nigeria.* Training Workshops and Conservation Education Manual Development; One Health and Development Initiative (OHDI); Abuja, Nigeria
Role: resource person to train various stakeholders and develop the Conservation Education Manual for OHDI
Key Achievements:
- Facilitated training to ~50 stakeholders (including support for field training officers) and developed the Conservation education training manual for coastal communities in Niger Delta, Nigeria. 33pp.
- 2020 **Trainer;** *Ecosystem and National Planning* at a Two-day Workshop on Mainstreaming Natural Capital Accounting into National Development Plans of Nigeria; Natural Eco Capital; Lagos, Nigeria
Role: resource person to train senior staff of the Ministry of Budget and National Planning
Key Achievements:
- Facilitated training to ~30 senior staff on natural capital and how to mainstreaming ecosystems thinking and management into budgets and national planning
- 2019 **Consultant,** *Preparation and presentation of technical proposal for solid wastes*

recycling facilities and approval for importation of biosolids for recovery of waste fields, General Trading Company Ltd submitted to Lagos State Waste Management Authority (LAWMA)

Role: contracted to develop solid waste management technical proposal and present same to LAWMA

Key Achievements:

- Developed from scratch the solid waste management (SWM) portfolio of the company based on its experience, products and operations
- Produced a technical proposal with SWM portfolio of the company for submission
- Prepared SWM Profile using PowerPoint slides and presented to senior staff of LAWMA for the client

2016 **Ecologist and Lead Report Presenter;** EIA of a Proposed Ship Recycling Facility at Inagbe, Lagos, Nigeria; MDS / Emperor Maritime Nig. Ltd, Lagos

Role: contracted as Ecologist on the EIA team and lead the public presentation of the report

Key Achievements:

- Mobilised technical personnel to assess the biodiversity of the proposed project sites and its environs
- Engaged with stakeholders in project host community to obtain contextual information for the project.
- Successfully developed PowerPoint slides of the project and presented same at a multi-stakeholder public review (~100 persons) before a high-powered technical panel

2012-2013 **Ecotoxicologist;** *Assessment of the Lagos lagoon and Human Breast Milk for Organochlorine Pesticides contamination* as part of a UNDP GEF/small grant project on “Community Action to Reduce the Pollution Load of POPs and Other toxic effluents (PTS) into the Lagos Lagoon”; Nigerian Africa Stockpiles Programme Implementation Network (NASPIN); Lagos, Nigeria

Role: contracted to samples, analyse and write technical report on OCPs occurrence in environmental samples in and around the Lagos lagoon coastal communities

Key Achievements:

- Identified sampling locations including strategic coastal communities sampled
- Developed and submitted technical report on study overview, methods, findings and recommendations
- Participated in public presentation of the study report to int'l funders and stakeholders

2011 **Auditor;** *Environmental Assessment Report for Hydrotrans Nigeria Limited, Lagos, Nigeria*; MDS/Hydrotrans Nig. Ltd.; Lagos, Nigeria

Role: led the audit of equipment servicing company for environmental compliance

Key Achievements:

- Developed strategy to collect targeted information from company staff and host communities relating to the environmental performance of the company
- Sampled and assessed emissions and operations of the company to waste flows, management
- Recommended optimization of processes to reduce waste (metal and waste oil) generation, emissions and proper storage/recycling
- Successfully developed technical report of audit submitted to the regulators

DEPARTMENTAL/FACULTY RESPONSIBILITIES/SERVICE

Date	Position	Responsibility
Oct 2023 -	Member	Department of Zoology Quality Assurance Committee
Jul, 2023 -	Member	Faculty of Science Examination Misconduct Panel
Oct-Nov, 2022	LOC Member, Lagos Humboldt-Kolleg	Hospitality and Logistics Committee, LOC
2022	Secretary	2022 ZSN LOC
2021-2022	Teacher	BIO 004, JUPEB
2018-2023	Course Adviser	Year 1, Zoology Department
2018-2022	Secretary	Zoology Department Meetings
2016-2018	Assistant Secretary	Zoology Department Meetings
2016-2017	Coordinator	Lecture Time Table, Zoology Department
2016-2017	Member	Zoology Manuals Review Committee
2016	Member	Zoology BSc and MSc Thesis Presentation Guidelines Draft Committee
2015-2016	Assistant Coordinator	Lecture Time Table, Zoology Department
2015-2017	Coordinator	Laboratory Manuals Marking, Zoology Department
2015-2020	Member	Faculty of Science Seminar Committee

OTHER ACADEMIC COMMUNITY SERVICE

Year	Role	Institution / Location
2018 – till date	Journal Peer Reviewer (Publons)	Environmental Science and Technology, Environmental Pollution, Chemosphere, Environmental Monitoring and Assessment, Sustainability, Journal of Basic and Applied Zoology, Royal Society Open Science, Environmental Toxicology and Chemistry, Integrated Environmental Assessment and Management, Frontiers in Environment, International Journal of Environmental Research and Public Health, Environmental Analysis Health and Toxicology, Environmental Science and Pollution Research, Scientific African, Environmental Health Insights, Water Research, Comparative Biochemistry and Physiology, Part C (Toxicology and Pharmacology), Journal of King Saud University Science, PeerJ, Biological Trace Element Research, Annals of Science and Technology, All Life, Discover Environment, Discover Water, Cambridge Prisms, Drug and Chemical Toxicology, Journal of Aquatic Animal Health, PLOS One
2019 – till date	Grant/Fellowship Applications Peer Review	2020 Newton Prize, Nigerian Young Academy Membership and Awards, British Ecological Society - Ecologists in Africa, British Ecological Society - Small Grants, BES Small Grants, Professor Ogunidipe Innovative Challenge

STAKEHOLDER ENGAGEMENT/NON-ACADEMIC COMMUNITY SERVICE

Year	Role	Institution / Location
Oct, 2020	Moderator, 3 rd Mental Wellness Summit	Olashore International School Association (OISA) Foundation
Dec. 5,	Registration Area	Independent National Electoral Commission (INEC),

2020 Feb.	Collation Officer Registration Area	Ijede II Ward, Ikorodu LGA, Lagos, Nigeria Independent National Electoral Commission (INEC),
2019	Collation Officer	Ajeromi-Ifelodun LGA, Ajegunle, Apapa, Lagos, Nigeria
2018 – 2022	JSS 2 Cood, HCC- OGA Mentoring Prog.	Holy Child College, Lagos
2017 – 2022	Facilitator, HCCOGA Mentoring Prog.	Holy Child College, Lagos

PROFESSIONAL SOCIETY MEMBERSHIPS & ACTIVITIES

Affiliate	The African Academy of Sciences (AAS), 2019-2023 Reviewer, The AAS Affiliates Programme (2019-2020) Moderator, COMA 2019 Poster Session I Moderator, Session 3a, Evidence Leaders Africa Virtual Conference, 2020
Member	Nigerian Young Academy (NYA), 2019-2024 Vice President, NYA (2021-2023), Secretary, Biology and Health Working Group; Member, Environmental Toxicology and Public Health Sub-Group, Member, NYA Ethics Committee, Member, NYA Webinar Committee, Member, 2020 COC, NYA Annual General Assembly, Secretary, 2021 COC, NYA Annual Conference and General Assembly, Chairperson, Working Groups Steering Committee
Member	Society of Environmental Toxicology and Chemistry (SETAC) Member: Science Risk Communication, OMICs, SETAC Africa Risk Assessment Interest Groups, Member, Programme Committee, SETAC Africa 10 th Biennial Meeting (Virtual), September 2021
Member	Organization for Women in Science for the Developing World(OWSD) Moderator, OWSD Lagos Branch Webinar on Science and Entrepreneurship: Valuable Tools for Financial Freedom, Virtual (Zoom), June 7, 2022
Member	Zoological Society of Nigeria (ZSN) COC Secretary, 2022 ZSN Conference (UNILAG); Member, COC, ZSN 2012 (UNILAG)
Member & Board of Trustees	Society for Environmental Toxicology and Pollution Mitigation (SETPOM)

CONTINUING PROFESSIONAL EDUCATION COURSES/WORKSHOPS/TRAININGS

Year	Course	Institution / Location
2023		
Dec. 10-16, '23	Forum on the Future of Evidence-Based Policy	ZiF, Bielefeld University, Germany
2022		
Dec. 15, '22	Science Advice Skills Development Program Closing Workshop	INGSA Africa/Virtual
Sept. 14, '22	Science Advice Skills Development Program Introductory Workshop	INGSA Africa/Virtual
Sept 19-21, '22	EVIDENCE 2022 Online and In-Person	African Evidence Network (AEN)/Pretoria, South Africa
May 25, '22	Workshop on Module Writing	CoE-SESI/ NITDA IT Hub, University of Lagos

Mar. 23-25, '22 2021	GCRF: Blue Communities Final Symposium	University of Plymouth, UK (Virtual – Spot Me)
Dec. 13-15, '21	3-Day Capacity Building Workshop on Digitization of Coastal Biodiversity in Nigeria	CITS, University of Lagos
Jan. 26-29, '21	Principles and Methods for the Risk Assessment of Chemicals in Food	Virtual Workshop (Society of Risk Analysis & SETAC Africa)
2020		
Nov. 10, '20	Strategic Foresight Workshop	Policy Horizons Canada & Science Advisory Working Group, Global Young Academy/ Zoom
Nov. 3-4, '20	Evidence Leaders Africa Conference	AFIDEP/AAS, Virtual
Jan. 26-31, '20	Research to Policy Communications Workshop	AFIDEP/AAS, Nairobi, Kenya
2019		
Nov. 3, 2019	Introduction to R	SETAC North America 40 th Annual Meeting, Toronto, Canada.
Sept. 8-10, 2019	Water First Workshop	COACH, Elsevier, OWSD; Kempinski hotel, Accra, Ghana
July 21-23, 2019	Career development and leadership initiative for Early Career African Scientists	West African Science Leadership Programme/African Science Initiative (W-ASLP/ASI), UG, Ghana
May, 2019	Evidence Uptake Workshop	AFIDEP & AAS, Nairobi, Kenya
May 6, 2019	Women Capacity Development for Equitable Societies and Sustainable African Development	SETAC Africa 9 th Biennial Meeting and Society of Risk Analysis 5 th World Congress, CTICC, Cape Town, South Africa
May 5, 2019	An Introduction to Ecological and Human Health Risk Assessment	
March 26-28, 2019	Responsible Conduct of Research and Grant Writing	BRAINS / University of Lagos
Feb.6-7, '19	Powerpoint Presentation Skills	BRAINS / University of Lagos
2018		
Aug 2018	Ocean Science Summer School	University of Ghana, Ghana
Jun, 2018	Formative Peer Review of Teaching	University of British Columbia / Vancouver, Canada
Feb. 27 – Mar. 19, 2018	AuthorAID Online Course Toolkit: Facilitator and Supervisor Roles	International Network for the Availability of Scientific Publications (INASP) & AuthorAID / Online
March 7-8, 2018	Capacity Building Workshop For Young (Early-Career) Women Academics In West Africa	Nigeria Young Academy / NSPRI Guest House Annex, Yaba, Lagos
Feb. 5, 2018	Anti-Plagiarism Workshop	Nigeria Young Academy (NYA) / Covenant University, Ogun State,
Jan. 25-27, 2018	Biodiversity Mapping and Digitization Workshop	CITS, University of Lagos, Akoka, Lagos
2017		
Dec. 12, 2017	Academic Writing and Publishing Workshop	National Universities Commission (NUC)/Enago Academy, UNILAG
October 17-19, 2017	Introduction to Environmental Risk Assessment Workshop	SETAC Africa / Transcorp hotel, Calabar.

Aug. 23-25, 2017	Introduction to Science Communication Workshop	GhScientific / Ghana Planetarium, funded by INASP and AuthorAID
July 12-14, 2017	Workshop for Early Career Researchers - Developing the Next Generation of Researchers	The Association of Commonwealth Universities (ACU) / University of Lagos
June 16, 2017	Seminar - Developing innovative minds: how to foster independent thinking as student numbers rise	ACU / Nanyang University Executive Centre, Singapore
May 7, 2017	Statistical Issues in the Design of Ecotoxicology Experiments workshop	SETAC Europe / Brussels, Belgium
2016		
June 15-16, 2016	Capacity Building Workshop for Young (Early-Career) Women Academics in Nigeria	NYA & US Consulate / College of Medicine, Idi-Araba, Lagos
April, 2016	Workshop for Female Academics	WAFIRA/ University of Lagos
2015		
Sept. 7 – Nov. 15, 2015	Online Course on Research Writing in Environmental Health	International Network for the Availability of Scientific Publications (INASP) & AuthorAID / Online
2014		
October, 2014	Cryogenic Gas User Workshop	Proactive Gas Safety Ltd / London, United Kingdom
2010		
Sept., 2010	Developing Successful Research Proposals Workshop	Tropical Biology Association / University of Lagos, Akoka, Lagos

LANGUAGES

Language	Speaking/Fluency	Listening	Reading and Writing
English	Native	Advanced	Advanced
Yoruba	Native	Advanced	Intermediate
Hausa	Beginning	Beginning	Beginning

HOBBIES

Tourism, Nature Photography, Listening and Dancing to Christian Music