

## **i. Biography**

Professor Ojekunle. Olusheyi Zaccheaus joined the services of Federal University of Agriculture, Abeokuta in the year 2009 fresh from Peoples Republic of China where he was awarded a Federal Government Scholarship under the auspices of joint Bilateral Education Agreement (BEA) Between Federal Government of Nigeria (Federal Scholarship Board) and Chinese Government (Chinese Scholarship Council) and was later awarded the Distinguished Foreign Students Scholarship for his PhD Programme all in Tianjin University, Tianjin, P.R. China. He has collaborated and still collaborating with water works project in China, under One River Three System.

### **Research / Scholarly Interests**

Olusheyi Ojekunle had a first degree honours (Urban and Regional Planning from OAU. Ile-Ife, Osun State, Nigeria) while his second and third degree was in Water Resources Planning and Environmental Management (Climate Change) from Tianjin University, P.R. China

His research and development had been working on the Field of Environmental Sciences Via Water Resources Planning/Management and Climate Change since the year 2006 after his MSc and PhD Programme. His core area of research had been in Water Resources and Climate Change with import to environmental management and sustainability. He contributed to the Integrated Water Resources Management (IWRM) Strategy for sustainable development and plan for scarce water resources with the aid Water Evaluation And Planning System (WEAPs) model both in China and Nigeria. The application of this WEAPs model was the first novel work in both China and Nigeria and was sponsored by the Chinese Government under One River System (2004-2006). He is the first to also make major contribution in modelling Chinese Economic vis-à-vis climate change variable with the help of Prof Vester Sensitive Model to predict climate variables and Chinese economic development which until that time was never use for climate change ably sponsored by Malik Management Zentrum St. Gallen of Switzerland (2006-2009). He has also worked on Model forecasting climatic variables (Early warning forecasting model) assisting farmers in predicting onset and cessation of rainfall and other meteorological variable important to farming activities sponsored by World bank (2010-2011) His field and project management experience includes: Nigeria and China. He ia presently collaborating with various schools in Nigeria and Overseas on research work and grant project to mention one is the Tetfund Grant on Novel Heterogeneous Catalyst and Innovation UV-assisted Reactor Design for the Treatment and Re-Use of Produced Water (PW) from Oil Mining still on going.

Thus, my research interest had been:

- Assessment/Evaluation of Water Resources (Surface and Groundwaters)
- Pollution Assessment and Effects on Water Resources
- Climate Change and Variability Impacts on Economic Development, Ecosystem Management and Food Security

#### **Assessment/Evaluation of Water Resources (Surface and Groundwaters)**

Evaluation of water resources for planning purposes to meet unmet and future demand in cities and drainage basins in China and Nigeria with the aid of GIS and Water Evaluation and Planning System (WEAPs) model. The cities are Hengshui (China),

Southwest (Nigeria) while the drainage basin is Ogun River basin (Nigeria). The application of the model in the evaluation was first of its kind in both China and Nigeria. Evaluation of public water supply and alternatives to traditional means of water supply from rivers and groundwater, which has become imperative in order to prevent water crisis as a result of increasing unmet water demand. Sustainable wastewater reuse, and utilization of wetlands and *Moringa olifera* for waste water purification. He also appraised the seasonal variation and types of surfaces and groundwater quality and its relative implication to public water supply in Ibadan (Oyo State) and Abeokuta (Ogun State) Nigeria.

- Groundwater exploration and quality status in different environments. He had worked extensively on groundwater exploration using geo-electrical, biostratigraphical and paleoecological methods in Abeokuta, and

- Assessment of commercial potable water (bottled and sachet water) quality and effects of storage were he determined the acceptable time lag for storage of commercial potable water under ideal conditions.

#### **Pollution Assessment and Effects on Water Resources**

Surface water quality and pollution. He evaluated the status of, as well as the various climatic factors and anthropogenic activities responsible for surface water pollution and quality degradation in different parts of Nigeria and appraised the pattern of nutrient enrichment and hypoxia threat in urban surface water in Ogun River Basin of Ogun State, Nigeria. He had contributions on groundwater status and quality as a result of basement sedimentation and leaching from municipal and industrial dumpsites.

- He was able established the relationship between the fate, distribution and path of the heavy metal and hazardous pollutants in the environment as well as attempt to eradicate the persistent organic pollutant in the environment using phycoremediation, compost and plant technology, while assessing tree leaves as bioindicator of heavy metal pollution. He work were able to characterized degrading bacteria and algae, which are very importance in phytoremediation of waste materials and heavy metals in surface water

- His work also determined the elevated quantities of soil pollutants in many parts of dumpsites and scrapyards with far reaching implications on water resources and amendment of these different soils.

- Toxicological risk assessment of trace elements and heavy metals in water, leaves, drinks and foods were determined with aim at profiling health risk of contaminants in the environment as part of his research contribution.

#### **Climate Change and Variability Impacts on Economic Development, Ecosystem Management and Food Security**

- He is also worked on climate change and variability impacts on economic development, ecosystem management, crop yields and food security. One of His work predicted accurately Chinese economic development using climate change variables with Prof. Vester Sensitivity Model, which until then, was never used for climate change evaluation in China and was used to review adaptations to climate change in developing countries, with a focus on strategies, constraints and development in third world countries. He also assessed the impact of climate change and weather variation on livelihood and food security, especially in terms of the growth and yields of various

crops types, such as water melon, maize and cocoa. The need for regulation of forest activities with direct implication to climate change through carbon sequestration was examined in other works.



ii.

**iii. Personal Information:** Male, Married, Nigerian, From Ewekoro Local Government Area, Ogun State, Nigeria.

Contact Address: Department of Environmental Management and Toxicology, Federal University of Agriculture, Abeokuta P.M.B 2240, Abeokuta. Ogun State.

**iv. Department:** Environmental Management and Toxicology

**v. E-Mail:** [ojekunlezo@funaab.edu.ng](mailto:ojekunlezo@funaab.edu.ng), [oojekunle@yahoo.com](mailto:oojekunle@yahoo.com),

**vi. Phone Number:** +234 8039181615, 8098439695

**vii. Rank:** Professor

**viii. Designation:** Deputy Dean, Student Affairs Division

**ix. Researchgate Address:** <https://www.researchgate.net/profile/Ojekunle-Zaccheaus>

**x. LinkedIn Address:** Zacheaus Ojekunle ([oojekunle@yahoo.com](mailto:oojekunle@yahoo.com))

**xi. Google Scholar Profile:** Google Scholar Profile:  
[https://scholar.google.com.au/citations?view\\_op=new\\_articles&hl=en&imq=OJEKUNLE+Olusheyi+Zaccheaus#](https://scholar.google.com.au/citations?view_op=new_articles&hl=en&imq=OJEKUNLE+Olusheyi+Zaccheaus#)

Google Scholar Profile:  
[https://scholar.google.com.au/citations?view\\_op=new\\_articles&hl=en&imq=OJEKUNLE+Z+O#](https://scholar.google.com.au/citations?view_op=new_articles&hl=en&imq=OJEKUNLE+Z+O#)

**xii. ORCID Number:** 0000-0001-8148-9239

**xiii. Qualification:**

i	Primary School Leaving Certificate	1986
ii	Senior Secondary School Certificate	1992
iii	B.Sc in Urban and Regional Planning ( <i>1<sup>st</sup> Class Honours</i> )	2001
iv	Diploma in Computer Science	2001
v	Diploma in China Language (5 Level)	2004
vi	M.Sc. in Engineering in The Field of Environmental Sciences	2006
vii	Ph.D. in Engineering in The Field of Environmental Sciences	2009

**xiv. Membership of Professional Bodies**

I Member, Nigeria Hydrogeological Society

- ii Member, Nigeria Institute of Town Planner
- iii Member, Nigeria Environmental Society
- iv Member, Nigeria Conservation Foundation
- V Member, International Water Association (IWA)

#### xv. Award Received

- i Recipient, Chinese Full Distinguished Foreign Excellent Student Scholarship for Doctoral Degree Studies 2007-2010
- ii Recipient, Federal Government Scholarship (A Bilateral Educational Scholarship with Chinese Scholarship Council) 2003-2007
- iii Recipient, Honours on Environmental Protection, NYSC CD Group, Abuja 2002-2003
- iv First Class Honours, Obafemi Awolowo University Ile-Ife Osun State 2001

#### xvi. Research Conducted

- i Assessment of Physicochemical Properties/ Quality of Selected Soaps and Its Environmental and Health Impacts 2023
- ii Assessment of Cost Recovery Through Water Pricing in South Western Nigeria 2023
- iii Assessment of Mining Activities on Surface and Groundwater Quality in Ijebu Igbo and Ewekoro, Ogun State 2023
- iv Impacts of Dumpsite on Health Status of Scavengers and Residents in Kurata (Sango-Ota), Ogun State 2022
- v Analysis of Household Water Security Status among Rural Farming Households in South-South, Nigeria 2022
- vi The Effect of Rail Construction on the Surrounding Neighbourhood along Lagos Abeokuta and Ibadan Environ 2021
- vii Spatial Distribution of Radionuclides and Heavy Metals in Soil from Quarry Sites in Ogun State, Nigeria in Using Fuzzy Logic Modeling 2021
- viii Health Risk Analysis and Effect of Leachates Along Kurata Dumpsite (Ogun State) and Olusosun Dumpsite (Lagos State) in Southwest Nigeria. 2021
- ix Climate Variability and Vulnerability Impacts on the Incidences of Selected Diseases in Abeokuta Metropolis, Ogun State, Nigeria 2019
- x Evaluation of the Phycoremediation Potentials of *Nostoc commune*; *Oscillatoria limosa* and *Chlorella vulgaris* in Treatment of Metal Contaminated Industrial Wastewater 2019
- xi Endemicity and Assessment of Onchocerciasis (River Blindness) in Two Tributaries of Ogun River, Ogun State, Nigeria 2019
- xii Impact of Industrialization on Groundwater Quality and Apportionment of Pollution Sources Using Multivariate Statistics in Agbara and Ota Industrial Estate, Ogun State. 2018
- xiii The Prevalence of Heavy Metals in Groundwater along Sango-Otta and Ikeja Industrial District 2017
- xiv The Effects of Gemstone Exploitation on Public Health and Water Quality in Ofiki, Atisbo LGA, Oyo State, Nigeria 2016
- xv Thermal Comfort Analysis and Environmental Early Warning System for Common Infectious Diseases Preparedness and Intervention in Ondo State, Nigeria 2013

- xvi The Use of Leaf Index in CO<sub>2</sub> Sequestration in Selected Tree Species at Omo Forest, Akure Ondo 2013
- xvii The use of WEAPs for Evaluating Water Supply and Demand in Ogun Osun River Basin 2011

**xvii. Conference Attended:**

- i South West Regional Sensitizations Workshop on Climate Change Held on 3rd and 4th February, 2020 at Presken Hotel, Maryland, Lagos State. Nigeria. Organized by the Department of Climate Change, Federal Ministry of Environment, Abuja  
**Paper Presented:** The Challenges of Climate Change in Ogun State on Behalf of Ministry of Environment, Abeokuta, Ogun State
- ii The 2nd International Medical Geologists Association (IMGA-Nigeria Chapter) Conference. Held at Federal University of Agriculture, Abeokuta, Nigeria 24th – 27th September, 2019.  
**Paper Presented:** Profile Distribution of Soil Carbon Stock in Relation to Animal and Human Health Under Different Land Management Practices in Southwest, Nigeria.
- iii The 6<sup>th</sup> International Conference and Annual General Meeting of the Nigeria Association of Hydrological Sciences (NAHS), 11<sup>th</sup> to 15<sup>th</sup> November, 2015  
**Paper Presented:** Assessment and Characterization of Groundwater Quality in Abeokuta, Ogun State Using Piper’s Triangle.
- iv The 6<sup>th</sup> International Conference and Annual General Meeting of the Nigeria Association of Hydrological Sciences (NAHS), 11<sup>th</sup> to 15<sup>th</sup> November, 2015  
**Paper Presented:** Determination of Ground Water Resources in Elekuro and Environs, Abeokuta; Using Geoelectric Method Vertical Electrical Sounding.
- v The 3<sup>rd</sup> International Conference and Annual General Meeting of the Nigeria Association of Hydrological Sciences (NAHS), FUNAAB, Abeokuta, Ogun State. 22<sup>nd</sup> – 26<sup>th</sup> Oct., 2012  
**Paper Presented:** Prediction of Flood Using Climatic Data in Opeki Drainage Basin, South Western Nigeria.
- vi The Environmental Management Conference, Federal University of Agriculture Abeokuta, Ogun 12<sup>th</sup> -15<sup>th</sup> Sept, 2011  
**Paper Presented:** The Evaluation of Sustainable Water Demand in Coastal Environment Using WEAP<sub>21</sub> Model.
- vii The 47<sup>th</sup> Annual Conference of Nigerian Mining and GeoSciences Society. Minna 6<sup>th</sup> - 11<sup>th</sup> March 2011  
**Paper Presented:** Assessment of Groundwater Potential Using Geo-Electrical Method in The Basement Complex of Odeda Local Governement Area of Ogun State
- viii Engineering and Sustainability 2009 (Innovation that span Boundaries) Pittsburgh, Pennsylvania. USA. 19<sup>th</sup>-21<sup>st</sup> April, 2009. Sponsor by Macro Center for Sustainable Development (University of Pittsburgh) and Steinbrenner Institute for Environmental Education and Research (Carnegie Mellon University)  
**Paper Presented:** The Empirical Study of Sensitivity Model to China’s Sustainable Development as its relate to Global Climate Change.

- ix      The 3<sup>rd</sup> International Conference on Environmental Science and Technology, Houston USA.  
6<sup>th</sup> - 9<sup>th</sup> August, 2007  
**Paper Presented:** Assessing Hengshui Lake Water Quality.
  
- x        The 3<sup>rd</sup> International Conference on Environmental Science and Technology, Houston USA.  
6<sup>th</sup> – 9<sup>th</sup> August, 2007  
**Paper Presented:** A Catchment-Based to Model Land Surface Irrigation Runoff.
  
- xi        The 3<sup>rd</sup> International Conference on Environmental Science and Technology, Houston USA.  
6<sup>th</sup> – 9<sup>th</sup> August, 2007  
**Paper Presented:** Global Climate Change: Mitigation and Adaptation Strategies-The  
Chinese Effort.
  
- xii       The 2<sup>nd</sup> International Conference on Environmental Science and Technology, Houston USA.  
14<sup>th</sup> – 17<sup>th</sup> August, 2006.  
**Paper Presented:** Utilization of WEAP Simulation Model for Water Resources Planning  
and City Development.
  
- xiii      The 2<sup>nd</sup> International Conference on Environmental Science and Technology, Houston USA.  
14<sup>th</sup> – 17<sup>th</sup> August, 2006.  
**Paper Presented:** Global Climatic Changes: Challenges to Kyoto Protocol.

#### xviii. Publications

- i      **Ojekunle, O. Z.** (2001): Urban Environmental Poverty, a Case Study of Solid Waste Management Techniques, Abuja-Nigeria. B.Sc. Research Report submitted to the Department of Urban and Regional Planning, Obafemi Awolowo University, Ile-Ife, Osun State. 107p
- ii     **Ojekunle, O. Z.** (2006): Application of WEAP Simulation Model for Water Resources Planning and development. M.Sc Dissertation to Tianjin University. P.R. China. 128p
- iii    **Ojekunle, O. Z.** (2009): The Empirical Study of Sensitivity Model to China's Sustainable Development as its Relate to Global Climate Change. Ph.D Thesis to Tianjin University. P.R. China. 145p
- <sup>f</sup>1    **Ojekunle, O. Z.,** Zhao, L., Yang, Z., Tan, X. (2007): An Application of WEAP Simulation Model for Hengshui City Water Planning, China. *Transaction of Tianjin University Journal, China.* 13 (2): 142-146. Published by Tianjin University.P.R. China ISSN 1006-4982
- <sup>f</sup>2    Yun, Q., Zhao, L., **Ojekunle O. Z.** and Tan, X. (2007): Isolation and Preliminary Characterization of a 3-Chlorobenzoate degrading Bacteria. *Journal of Environmental Sciences*, 19:332-338. Indexed by Scimago, Scopus, Web of Sciences. Published by Elsevier. Available online at <http://www.journals.elsevier.com/journal-of-environmental-sciences, www.sciencedirect.com>, ISSN 1001-0742
- <sup>f</sup>3    **Ojekunle, O. Z.,** Zhao, L., Tan, X., Harrer, G., Ogar, M. A., and Bangura, H. (2009): Global Climate Change: The Empirical Study of Sensitivity Model in China's Sustainable Development, *Energy Sources, Part A: Recovery, Utilization, and Environmental Effects*, 31 (19):1777-1789. Indexed by Scimago, Scopus, Web of Sciences, Published by Taylor and Francis Group, London. Available Online <http://www.tandfonline.com/loi/ueso20> ISSN 1556-7036 print/ 1556-7230 online
- <sup>f</sup>4    **Ojekunle O. Z.,** Li R., Zhao L., Tan X., and Bangura, H. (2009): Ameliorating Water Crisis through Sustainable Wastewater Reuse. *Journal of America Water Works Association*, 101

- (10): 71-79. Indexed by Scimago, Web of Sciences. Published John Wiley and Sons Inc, United State of America. Available online at [journal@jawwa.org](mailto:journal@jawwa.org)
- <sup>f5</sup> **Ojekunle O. Z.**, Idowu A.O., Dada E.O., Ojekunle R.V. (2011): Multiple Utilizations of Wetlands for Sustainable Food and Water Recycling Production in Nigeria. *Journal of The Built Environment JABU*. 1. (1) : 25-38. Published by Joseph Ayo Babalola University. ISSN 1796-8112
- <sup>f6</sup> Eruola A.O. Ufeogbune, G.C, **Ojekunle O. Z.** Makinde A.A. Ogunyemi I.O (2011): Analytical Investigation of Pollutants in Lagos Coastal Waters, Nigeria. *Advances in Analytical Chemistry*: 1 (1): 8-11. Published by Scientific & Academic Publishing. Available online at <http://journal.sapub.org/aac>
- <sup>f7</sup> **Ojekunle O. Z.**, Ojo O.K., Idowu A.O., Martins O., Oluwansanya G.O. and Ojekunle V.O. (2011): The Evaluation of Water Demand from Surface Water Resources in a Coastal Zone Environment of Ogun River Basin, South Western Nigeria. *African Geoscience Review*. 18, (4) : 95-103. Published in France by Rock View Ltd. ISSN 1760-9976X/2011
- <sup>f8</sup> Ufoegbune G.C., Bello N.J., **Ojekunle O. Z.**, Orunkoya A.R., Eruola A.O. and Amori A.A. (2011). Rainfall Erosivity Pattern of Ogun River Basin Area (Nigeria) using Modified Fournier Index. *European Water*. 35: 23-29. Published by E.W. Publications, European Water Resources Association (EWRA)
- <sup>f9</sup> Amori A.A., **Ojekunle O. Z.**, and Makinde A. A. (2012): Socio-Economic Factors Occupation and Family Size as Predictors of Public Perception of Water Resources Planning in Oyo State, Nigeria. *New York Science Journal* 5(1):128-131. Available online at <http://www.sciencepub.net/newyork.18> (ISSN: 1554-0200)
- <sup>f10</sup> Eruola A.O., Ufoegbune G.C., **Ojekunle O. Z.**, Makinde A.A. and Amori A.A. (2012): Qualitative Assessment of the effect of Thunderstorms on Rainwater harvesting from Rooftop Catchments at Oke-Lantoro Community in Abeokuta, Southwest Nigeria. Resources and Environment. *Scientific and Academic Publishing*. 2(1): 27-32. Published by Scientific & Academic Publishing. Available online at <http://www.sciencepub.net/newyork/10.5923.j.re.20120201.04html>. p-ISSN: 2163-2618 e-ISSN: 2163-2634
- <sup>f11</sup> Olatunde, K.A., Arowolo, T.A., Bada, B.S., Taiwo, A.M and **Ojekunle O. Z.** (2013) Distribution and Enrichment of Metals in Sediments of the Ogun within Abeokuta, South-Western Nigeria. *African Journal of Aquatic Science*, 39:(1), 17-22. Indexed by Scimago, Scopus, Web of Sciences. Published by Taylor & Francis Group London Available online at <http://dx.doi.org> ISSN 1608-5914 EISSN 1727-9364
- 12 Idowu, O.A., Martins, O., **Ojekunle O. Z.** and Igbokoyi, E.O. (2013): Groundwater Prospecting Using Geo-Electrical Method in Abeokuta Metropolis, Southwest Nigeria State. *Journal of Nigerian Hydrogeological Society*, 2:126-129. Published by Nigerian Association of Hydrological Sciences. ISSN:2315-6686
- <sup>f13</sup> **Ojekunle, O. Z.**, Fabiyi, A.O., Oresanya., J.O., Oyebamiji, F.F., Olatunde, A.O., Sangowusi, O.R., Amujo, B.T., and Dada, O. E. (2013): Use and Eradication of Persistent Organic Pollutants in Nigeria. *The Ecoscan Journal, Special Issue*, 4:17-21. Published by the National Environmentalist Association, India. Available online [www.theecoscan](http://www.theecoscan). ISSN:0974-3076
- <sup>f14</sup> Olaniyi O.A, **Ojekunle O.Z.**, and Amujo B.T (2013): Review of Climate Change and Its Effect on Nigeria Ecosystem. *International Journal of African and Asian Studies* 1 :57-65. Published by - An Open Access International Journal. Available online at [www.iiste.org/Journals/index.php/JAAS/article/view/9099](http://www.iiste.org/Journals/index.php/JAAS/article/view/9099) and [www.ajol.info](http://www.ajol.info)
- <sup>f15</sup> Oyebanji, F.F, Adeofun, C.O, Adedeji, O.H, Ekpo, U.F, Oguntoke, O and **Ojekunle O. Z.** (2013): Assessment of Respiratory Health of Fuel-Wood Utilization on Exposed Rural Women in Odeda, Southwestern, Nigeria. *Global Journal of Science Frontier Research Environment*

- and Earth Science*. 13 (4) : 17-24. Published by Open Association of Research Society USA (Global Journals Inc. USA) Online ISSN: 2249-4626 and Print ISSN: 0975-5896
- 16 **Ojekunle O. Z.**, Amujo B.T, Ojekunle V.O, Dada E.O, Sangowusi R.O, Nasamu R.E and Ojo O. (2013): Adapting to Climate Change in Developing Countries: A review of Strategies, Constraints and Development in Nigeria. *Herald Journal of Geography and Regional Planning* 2 (2):089-097. Published by Herald International Research Journal. Available online <http://www.heraldjournals.org/hjgrp/archive.htm>
- 17 **Ojekunle O. Z.**, Ojekunle O.V, Yan Shuwang, Nasamu R.O and Ojo O.S. (2013): Research on the Influence of the Deep Seated Sinkhole on the Settlement of Roadway. *Journal of the Built Environment. JABU*. 2. (2) 159-167. Published by Joseph Ayo Babalola University. ISSN: 1796-8112
- 18 Amujo B.T, **Ojekunle O. Z.**, Dada E.O and Sangowusi O.R (2013) Enforcement and Compliance of Illegal Logging Activities in Ogun State, Nigeria. *Journal of the Built Environment. JABU*. 2 (2): 168-180. Published by Ayo Babalola University. ISSN: 1796-8112
- <sup>f</sup>19 Olatunji, S. O., Fatoki, S. O., Opeolu, O. B., Ximba, J. B., **Ojekunle, O. Z.** and Adeniye, N. K. (2014) Nutrient Enrichment and Hypoxia Threat in Urban Surface Water. *Clean – Soil, Air, Water*, 42 (9999):1–5. Indexed by Scimago, Scopus, Web of Sciences. Published by WILEY-VCH Verlag GmbH & Co. KGaA, Weinheim. Germany. Available online at [www.clean-journal.com](http://www.clean-journal.com)
- 20 **Ojekunle, O. Z.**, Adeboje, M., Taiwo, A.G., Sangowusi, R.O., Taiwo, A.M. and Ojekunle, V.O. (2014): Tree Leaves as Bioindicator of Heavy Metal Pollution in Mechanic Village, Ogun State. *Journal Applied Science Environmental Management (JASEM)*, 18 (4): 639 – 644. Published by Faculty of Science, University of PortHarcourt. Available online at [www.ajol.info](http://www.ajol.info) and [www.bioline.org.br/ja](http://www.bioline.org.br/ja) ISSN: 1119-8362
- 21 Okojie, L.O., Oyetunji, D.B., and **Ojekunle, O. Z.** (2014): Climate Variability and Impact on Rural Farm Income in Oyo State, Nigeria. *Nigerian Journal of Tropical Agriculture*, 14:36-46. Published by Federal University of Technology. Yola. ISSN: 1595-5559
- <sup>f</sup>22 **Ojekunle O>Z.**, Oyebamji F. F., Olatunde K. A., Amujo B. T., Ojekunle V. O. and Sangowusi O. R. (2014) Global Climatic Change in Nigeria: A Reality or Mirage. *Global Journal of Human-Social Science: B Geography, Geo-Sciences, Environmental Disaster Management* 14 (6): 10-17. Published by Open Association of Research Society USA (Global Journals Inc. USA) Online ISSN: 2249-460X and Print ISSN: 0975-587X
- <sup>f</sup>23 **Ojekunle O. Z.**, Ufoegbune G.C., Oyebamiji F.F., Sangowusi R.O., Taiwo A.M., and Ojekunle V.O. (2014): Assessment of the Effect of Commercial Activities on the Surface Water Quality of Ogun River. *Merit Research Journal of Environmental Science and Toxicology*, 2 (9): 196-204. Published by Merit Research Journals. Available online <http://www.meritresearchjournals.org/est/index.htm> ISSN:2350-2266
- 24 Ufoegbune, G.C., Fadipe, O.A., Bello, N.J., Eruola, A.O., Makinde, A.A. and **Ojekunle O. Z.** (2014): Growth and Development of Watermelon in Response to Seasonal Variation of Rainfall. *Journal of Meteorology and Climate Science* 12(1): 31-41. Published by Nigerian Meteorological Society,
- 25 **Ojekunle, O. Z.**, Ojekunle, V.O., Eruola, A.O., Oyebamji, F.F., Olatunde, K.A., Amujo, B.T., Sangowusi, O.R., Adekitan, A.A. and Taiwo, A.G. (2015): The Effects of Storage on Sachet Water Quality in Ogun State, Nigeria, *Journal Applied Science Environmental Management (JASEM)*, 19(2):183-189. Published by Faculty of Science, University of PortHarcourt. Available online at [www.ajol.info](http://www.ajol.info) and [www.bioline.org.br/ja](http://www.bioline.org.br/ja) ISSN: 1119-8362
- <sup>f</sup>26 **Ojekunle, O. Z.**, Oyebanji, F.F., Olatunde, K.A., Sangowusi, R.O., Ojekunle, V.O., Amujo, B.T. and Dada, E.O. (2015): Global Climate Change: The Empirical Study of Sensitivity Model in China's Sustainable Development', Part 2. *Energy Sources, Part A: Recovery, Utilization, and Environmental Effects* 37 (8): 861-869. Indexed by Scimago, Scopus, Web of Sciences.



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<http://www.tandfonline.com/loi/ueso20> ISSN 1556-7036 print/1556-7230 online

- <sup>f27</sup> **Ojekunle, O. Z.**, Rasaki, A.M., Mustapha, D.Z., Ojekunle V.O., Sangowusi, R.O., Oyebanji, F.F., Adekitan, A.A. and Odjegba, E.E. (2015): Assessment of Heavy Metals Leaching in Groundwater of Industrial Areas of Nigeria. *Elixir Agriculture*, 80(2015):30988-30994. Published by Elixir International Journal. Available online at [www.elixirpublishers.com](http://www.elixirpublishers.com) ISSN: 2229-712X
- <sup>f28</sup> **Ojekunle, O. Z.**, Ojajuni, K. O., Sangowusi, R.O., Oyebanji, F.F., Ojekunle, V.O., Adekitan, A.A. and Odjegba, E.E. (2015): Evaluation of Soil Contaminant Level at Dumpsites in Nigeria. *Elixir Agriculture*, 80 (2015): 30995-31001. Published by Elixir International Journal. Available online at [www.elixirpublishers.com](http://www.elixirpublishers.com) ISSN: 2229-712X
- 29 Okojie, L.O., Oyetunji, D.B. and **Ojekunle O. Z.** (2015): Effect of Climate Variability and Livelihood Vulnerability on Food Security. *Moor Journal of Agriculture Research*, 15: 94-111. Published by Agricultural Research Institutes, Obafemi Awolowo University. Ile-Ife. ISSN: 1595-4153
- 30 Adekitan A.A., Martins O., Awomeso J.A. and **Ojekunle, O. Z.** (2015): A comparative study of Aluminium Hydroxide Chloride in Greywater Treatment in Abeokuta, Ogun State. *Journal of Agricultural Science and Environment*, 15 (2):115-123. Published by Federal University of Agriculture, Abeokuta, Ogun State.
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