

# Gs. DR. JABIR HARUNA ABDULKAREEM

## PERSONAL INFORMATION

Department of Soil Science,  
Faculty of Agriculture/Institute  
for Agricultural Research  
(IAR), Samaru Ahmadu Bello  
University P.M.B 1044 Zaria,  
Kaduna State, Nigeria. +234  
0803 534 7950 +60149259313  
[abdulkareemjabir@yahoo.com](mailto:abdulkareemjabir@yahoo.com)  
[jhabdulkareem@abu.edu.ng](mailto:jhabdulkareem@abu.edu.ng)  
**SEX:** MALE  
**STATE:** Zamfara state  
**DOB:** 13th November 1985

## SKILLS

ANALYTICS



HTML/CSS



WORDPRESS DEVELOPMENT



## EDUCATION

PhD Environmental Hydrology  
and Hydrogeology Universiti  
Putra Malaysia 2018

M.Sc Soil Science Ahmadu  
Bello University, Zaria 2015

B. Agric Usman Danfodio  
University, Sokoto 2008

Senior Secondary School  
Certificate of Education  
(S.S.C.E) Federal Government  
College Sokoto 2002

## PROFESSIONAL EXPERIENCE

### Current Experience

- Research Fellow I Institute for Agricultural Research, Samaru, Ahmadu Bello University Zaria, Nigeria January, 2018 to date.
- Editorial Assistant Nigerian Journal of Soil and Environmental Research (NJSER) Ahmadu Bello University Zaria, Nigeria September 2012 to date.

### Previous Experience

- Expert Reviewer for The First Order Draft of the Working Group I (WGI) Contribution to the Sixth Assessment Report (AR6) Intergovernmental Panel on Climate Change (IPCC) May to June 2019 and March to April 2020
- Collation Officer INEC 2019 Presidential and National Assembly elections, Governorship and State House of Assembly elections February to March 2019.
- Research Fellow II Institute for Agricultural Research, Samaru, Ahmadu Bello University Zaria, Nigeria February, 2015 to September 2018.
- Assistant Research Fellow Institute for Agricultural Research, Samaru, Ahmadu Bello University Zaria, Nigeria January 2012 to January 2018.

### Membership of Professional Organizations

- Registered Soil Scientist (RSS) Nigeria Institute of Soil Science (NISS) December, 2019
- Associate Professional Member Institution of Geospatial and Remote Sensing Malaysia (IGRSM) July, 2018
- Professional Member World Academy of Science, Engineering and Technology (WASET) April, 2018
- Professional Member International Society for Development and Sustainability March, 2018
- Professional Member Platform for African – European Partnership Research for Development Phase II (PAEPARD II). February, 2018
- Professional Member Chartered Institution for Water and Environmental Management (CIWEM) May, 2017
- Professional Member World Association for Scientific Research and Technical Innovation (WASRTI) January, 2017
- Professional Member International Association of Hydrological Sciences (IAHS) April 2016
- Professional Member World Society of Sustainable Energy Technologies June, 2013
- Professional Member Soil Science Society of Nigeria (SSSN) March, 2013
- Professional Member International Union of Soil Science (IUSS) May, 2012

### Publications

1. J. H. Abdulkareem, A. Abdulkadir, N. Abdu and A. H. Girei. Application of a simple free drainage lysimeter in field leaching studies in farmlands around a contaminated goldmine:

## **Awards and Distinctions**

- PhD Research Grant from the Ministry of Higher Education (MOHE), Malaysia (Fundamental Research Grant Scheme (FRGS 2015-1) 2015
- Distinction in Student's Masters Research thesis 2015
- Masters study Fellowship under the Urban Food Project of the Organic Agricultural Sciences University of Kassel, Germany sponsored by Volks Wagen Foundation
- Distinction in Student's Undergraduate Research Project 2008
- Zamfara state Government University Scholarship 2004-2007

## **Professional Trainings and Conferences Attended**

- 5<sup>th</sup> SOIL AND WATER ASSESSMENT TOOL Conference and Workshop in South East and East Asia (SWAT SEEA V) (23-26 October 2017).
- Expert Certificate in Microsoft Office Suite at the School of English and Information Technology (SEIT), Jalan MH Thamrin #14, Jawa timur, Bojonegoro, Indonesia (September, 2017).
- Certificate of completion on Design of Experiment (D.O.E). Organized by College of Graduate Studies, The National Energy University (Universiti Tenaga Nasional) Malaysia (August, 2017).
- Certificate of completion on Integrating Civil 3D with XP. Organized by Innovyze (27<sup>th</sup> July, 2017).
- Global Civil Engineering Conference (GCEC 2017). Organized by the Department of Civil Engineering, Faculty of Engineering, Universiti Putra Malaysia (25-28 July 2017)

## **Publications in conference proceedings**

J. H. Abdulkareem, A. H. Girei, I. A. Ismail, S. Idris. Evaluation of some soil properties under System of Rice Intensification (SRI) and conventional practice In Dutse, Sudan savannah soil of Nigeria. Published in the Book of Proceedings of the 44<sup>th</sup> Annual Conference of the Soil Science Society of Nigeria (SSSN), Enugu (16 - 20 March 2020).

F. Abubakar, N. Abdu and J. H. Abdulkareem (2020). Assessment of selected soil properties as influenced

- methodological approach. Dutse Journal of Agriculture and Food Security (DUJAFS) (2019) Vol. 6 No. 2, Dec
2. A. H. Girei, J. H. Abdulkareem, J. Aliyu and F. J. Abubakar. Effect of Particulate Emissions from quarrying activities on selected soil physico-chemical properties in Damba, Zamfara state, Nigeria. Journal of Arid Agriculture (2019) Vol. 23, 2019, pp. 23 - 28.
  3. J. H. Abdulkareem, D. A. Umar, A. I. Gabasawa, C. Anyika, N. R. Jamil. Longterm water quality assessment in a tropical monsoon catchment. Published by Pertanika Journal of Science and Technology (JST) 27 (4): 1955 - 1959 (2019).
  4. J. H. Abdulkareem, B. Pradhan, W.N.A Sulaiman and N. R. Jamil. Development of lag time and time of concentration for a tropical complex catchment under the influence of long-term land use/land cover (LULC) changes. Published by Arabian Journal of Geoscience (2019) 1:101. <https://doi.org/10.1007/s12517019-4253-z>
  5. D. A. Umar, M. F. Ramli, A. Z. Aris, N. R. Jamil, J. H. Abdulkareem. Runoff Irregularities, Trends, and Variations in Tropical Semi-Arid River Catchment. Published by Journal of Hydrology: Regional Studies Volume 19, October 2018, Pages 335-348. <https://doi.org/10.1016/j.ejrh.2018.10.008>
  6. J. H. Abdulkareem, N. R. Jamil and W.N.A Sulaiman. Non-Point Source (NPS) Simulation in a Tropical Complex Catchment. Published by International Journal of Applied Environmental Science. Volume 13, Number 2 (2018), pp. 145-160.
  7. J. H. Abdulkareem, B. Pradhan, W.N.A Sulaiman and N. R. Jamil. A review of studies on hydrological modelling in Malaysia. Published by Modelling Earth System and Environment (2018). <https://doi.org/10.1007/s40808-018-0509-y>
  8. J. H. Abdulkareem, B. Pradhan, W.N.A Sulaiman and N. R. Jamil. Long-term hydrologic impact assessment of non-point source (NPS) pollution measured through land use/land cover changes (LULC) in a tropical complex catchment. Published by Earth System and Environment (2018). <https://doi.org/10.1007/s41748-018-0042-1>
  9. J. H. Abdulkareem, W. N. A Sulaiman, B. Pradhan and N. R. Jamil. Long-term runoff dynamics as influenced by land use/cover changes (LULC) in a tropical complex catchment. Environmental Systems and Decisions. (2018) <https://doi.org/10.1007/s10669-018-9696-3>
  10. J. H. Abdulkareem, W. N. A Sulaiman, B. Pradhan and N. R. Jamil. Relationship between design floods and land use land cover changes (LULC) in a tropical complex catchment. Published by Arabian Journal of Geoscience. (2018) <https://doi.org/10.1007/s12517-018-3702-4>
  11. J. H. Abdulkareem, W. N. A Sulaiman, B. Pradhan and N. R. Jamil. Quantification of runoff as influenced by morphometric characteristics in a rural catchment. Published by Earth System and Environment. (2018) <https://doi.org/10.1007/s41748-018-0043-0>
  12. F. J. Abubakar, A. A. Yusuf, J. Aliyu, M. M. Ibrahim, J. H. Abdulkareem, I. A. Aliyu, A. I. Gabasawa and M. Ramadan. Assessment of the physico-chemical properties of soils of the Northern Guinea and Sudan savannah agroecological zones of Nigeria. Published by Nigerian Journal of Soil and Environmental Research (NJSER) volume 15:2017, 120-128.
  13. J. H. Abdulkareem, B. Pradhan, W.N.A Sulaiman and N. R. Jamil. Prediction of Spatial Soil Loss Impacted by Long-term Land-use/Land-cover Change in a Tropical Watershed. Published by Geoscience Frontiers. (2017) <https://doi.org/10.1016/j.gsf.2017.10.010>
  14. J. H. Abdulkareem and W.N.A Sulaiman. Trend analysis of precipitation data in flood source areas of Kelantan River Basin. Jurnal Teknologi, Universiti Teknologi Malaysia, 78: 9-4 (2016) 115-127.
  15. J. H. Abdulkareem, A. Abdulkadir and N. Abdu. Vertical distribution of lead (Pb) in farmlands around contaminated goldmine in Zamfara state, northern Nigeria. Published by African Journal of Agricultural Research. African Journal for Agricultural Research (AJAR), 2015 10 (53), 4975-4989.
  16. J. H. Abdulkareem, A. Abdulkadir and N. Abdu. Estimation of lead (Pb) flux, distance of travel and break through time using

by changes in land use pattern in Northern Guinea savannah of Nigeria. Published in the Book of Proceedings of the 44<sup>th</sup> Annual Conference of the Soil Science Society of Nigeria (SSSN), Enugu (16 - 20 March 2020).

A. I. Gabasawa, K.O. Adeyemo and J. H. Abdulkareem (2016). Assessment of soil microbial biomass and enzymes activities as influenced by tillage in a continuously cropped Alfisol of the Northern Guinea savannah, Nigeria. Published in the Proceedings of North West University Faculty of Science 2nd International Conference, Kano, Nigeria (October 2016).

J. H. Abdulkareem and WNA Sulaiman (2015). Trend analysis of precipitation data in flood source areas of Kelantan River Basin. Third International Conference on Water Resources (ICWR 2015), Langkawi, Kedah, Malaysia (24-25 November 2015).

J. H. Abdulkareem, A. Abdulkadir, N. Abdu (2015). Assessment of physicochemical properties of soils in selected farmlands around a contaminated goldmine in northern Nigeria. Published in the Book of Proceedings of the 39<sup>th</sup> Annual Conference of the Soil Science Society of Nigeria (SSSN), Omu-Aran, Kwara (2015).

A. H. Girei, N. Abdu, A. Abdulkadir, J. H. Abdulkareem (2015). Hydraulic and physico-chemical properties of a fallow field under long-term fertilization in Samaru, northern guinea savanna of Nigeria. Published in the Proceedings of the 39<sup>th</sup> Annual Conference of the Soil Science Society of Nigeria (SSSN), Omu-Aran, Kwara (2015).

A. Abdulkadir, A. M. Yamusa, A. M. Adamu, J. H. Abdulkareem and A. H. Girei (2014). Use of S-index to quantify the physical quality of an Alfisol in Samaru, Northern Guinea Savanna. Published in the Book of Proceedings of the 48<sup>th</sup> Annual Conference of Agricultural Society of Nigeria (ASN), Abuja, 2014, P 799-804.

## **Referees:**

### **Prof. Aisha Abdulkadir**

Department of Soil Science, Faculty of Agriculture, Institute for Agricultural Research Samaru, Ahmadu Bello University, Zaria Tel. +2348038688663

Email: [aiabdulkadir@abu.edu.ng](mailto:aiabdulkadir@abu.edu.ng)

[akadaisha@gmail.com](mailto:akadaisha@gmail.com)

convective flux equations: a case study of farmlands around lead (Pb) contaminated goldmine in Zamfara northern Nigeria. American Journal of Experimental Agriculture, 9(4): 1-8, 2015.

17. J. H. Abdulkareem, A. Abdulkadir and N. Abdu. A review of different types of lysimeter used in solute transport studies. International Journal of Plant and Soil Science, 8(3): 1-14, 2015.
18. J. H. Abdulkareem, J. Aliyu, F. J. Abubakar and N. Aliyu and M. Ramadan. A short communication on the assessment of groundwater quality for domestic purposes in Damba a suburb of Gusau, Zamfara State North Western Nigeria. Published by Nigerian Journal of Soil Science (NJSER) July 2015.
19. J. H. Abdulkareem, A. A. Adullahi and A. Audu. An assessment of physicochemical properties of vegetable farms around Sokoto metropolis. Nigerian Journal of Soil Science (NJSER) Volume 2012; 10: 84-88.

## **Conferences Attended**

1. 44<sup>th</sup> Annual Conference of Soil Science Society of Nigeria (SSSN), Enugu (16 - 20 March 2020).
2. International Conference on Environmental Forensics (iENFORCE) Organized by Faculty of Environmental Studies, Universiti Putra Malaysia (18 - 19 September 2018).
3. Fifth SOIL AND WATER ASSESSMENT TOOL Conference and Workshop in South East and East Asia (SWAT SEEA V). Organized by Malaysian Society of Soil Science (23 - 26 October 2017).
4. Global Civil Engineering Conference (GCEC 2017). Organized by the Department of Civil Engineering, Faculty of Engineering, Universiti Putra Malaysia (25 - 28 July 2017).
5. Review Conference of the 2014 Flood Disaster. "Strengthening Science towards a Sustainable Solution". Jointly organized by the Ministry of Higher Education, Malaysia and Centre for Environmental Sustainability and Water Security (IPASA), University Technology Malaysia (4 - 6 April 2016).
6. Third International Conference on Water Resources (ICWR 2015), Langkawi, Kedah, Malaysia (24 - 25 November 2015).
7. Joint International Conference on Solutions for Sustainable Water and Environmental Management (PAWEES-INWEPT), Kuala Lumpur, Malaysia (19 - 21 August 2015).
8. 39<sup>th</sup> Annual Conference of Soil Science Society of Nigeria (SSSN), Omu-Aran, Kwara, (March 2015).
9. 38<sup>th</sup> Annual Conference of the Soil Science Society of Nigeria (SSSN), Uyo, Akwa Ibom, (March 2014).
10. 37<sup>th</sup> Annual Conference of Soil Science Society of Nigeria (SSSN), Lafia, (11 - 15 March 2013)).
11. 3<sup>rd</sup> Organic Agriculture Conference, Organic Agriculture Project of Tertiary Institutions in Nigeria (OAPTIN) Sokoto (October, 2007)

**Prof. Biswajeet Pradhan** (SMIEEE)  
Faculty of Engineering and IT,  
University of Technology Sydney  
CB11.06.217, Building 11  
81 Broadway, Ultimo NSW 2007 (PO Box  
123), Australia Tel. +61 2 9514 7937  
Email. [biswajeet.pradhan@uts.edu.au](mailto:biswajeet.pradhan@uts.edu.au)  
[biswajeet24@gmail.com](mailto:biswajeet24@gmail.com)