

## CURRICULUM VITAE

### Dr. Christiana Funmilola Olusegun

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**Current Position:** Senior Scientific Officer, Centre for Atmospheric Research, National Space Research and Development Agency, Kogi State University Campus, Anyigba, Nigeria

### ACADEMIC EDUCATION AND SCIENTIFIC DEGREES

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2016	PhD Meteorology and Climate Science, Federal University of Technology Akure, Nigeria
2012	M.Tech Physics, Federal University of Technology Akure, Nigeria
2006	B.Tech. Meteorology (Second Class Upper Division), Federal University of Technology Akure, Nigeria

### SCIENTIFIC CAREER

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2016 - 2017	Post-Doctoral Scientist, Karlsruhe Institute of Technology (KIT), Campus Alpin Institute of Meteorology and Climate Research (IMK-IFU)
2014	Visiting Academic, Department of Environmental & Geographical Science, University of Cape Town, South Africa
2012 - 2013	Assistant Lecturer, Department of Physical Sciences, Elizade University Ilara-Mokin Nigeria.
2011 - 2012	Assistant Tutor, Department of Physics, Federal University of Technology Akure, Ondo State Nigeria
2008 - 2010	Teaching Assistant, Department of Meteorology, Federal University of Technology Akure, Ondo State Nigeria

### PROJECT EXPERIENCE RELATED TO AFRICA

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2013–17	<b>WASCAL:</b> West African Science Service Centre for Climate Change and Adapted Land Use, BMBF
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### CONTRIBUTION TO CAPACITY BUILDING IN AFRICA

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2017	1-week training Course, hydroclimate and remote sensing for West African students and early career scientists at the WASCAL competence centre Ouagadougou.
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### PUBLICATIONS

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<b>Journal papers:</b>	5(Publons)
<b>Citations of peer-reviewed articles:</b>	
<b>Publons, ISI Web of Knowledge:</b>	22 citations (h-index 2)
<b>Scopus:</b>	26 citations (h-index 2)
<b>Google Scholar:</b>	51 citations (h-Index 4, i10-index 2)

### SELECTED PUBLICATION LISTS

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- 1) **Olusegun, C.F.** and Adeyewa, Z.D., 2013. Spatial and temporal variation of normalized difference vegetation index (NDVI) and rainfall in the north east arid zone of Nigeria. *Atmospheric and Climate Sciences*, 3(04), p.421.
- 2) Olusegun, C.F., Oguntunde, P.G. and Gbobaniyi, E.O., 2018. Simulating the Impacts of Tree, C3, and C4 Plant Functional Types on the Future Climate of West Africa. *Climate*, 6(2), p.35
- 3) Heinzeller, D., Dieng, D., Smiatek, G., **Olusegun, C.**, Klein, C., Hamann, I., Salack, S., Bliefernicht, J. and Kunstmann, H., 2018. The WASCAL high-

resolution regional climate simulation ensemble for West Africa: concept, dissemination and assessment. Earth System Science Data, 10(2), pp.815-835.

- 4) Klutse, N.A.B., Ajayi, V.O., Gbobaniyi, E.O., Egbebiyi, T.S., Kouadio, K., Nkrumah, F., Quagraine, K.A., **Olusegun, C.**, Diasso, U., Abiodun, B.J. and Lawal, K., 2018. Potential impact of 1.5° C and 2° C global warming on consecutive dry and wet days over West Africa. Environmental Research Letters, 13(5), p.055013.

#### TECHNICAL SKILL

Proficient in Numerical Climate Modeling  
Proficient in UNIX  
Proficient in CDO, PYTHON, FERRET, SHELL SCRIPT,  
R programming, FORTRAN programming,  
Proficient in Microsoft Office and Suites  
Excellent in Statistical analysis and interpretation  
Excellent in Report Writing and Presentations

#### SELECTED CONFERENCES PARTICIPATION

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| <b>2019</b> | Paper-writing Workshop on the Analysis of CORDEX-CORE Climate Projections, Trieste Italy  |
| <b>2017</b> | Ninth meeting of the Research Dialogue (RD 9), Subsidiary Body for Scientific and Technological Advice (SBSTA) 46 at UN Climate Change Conference in Bonn |
| <b>2017</b> | Tropentag conference organized by the University of Bonn and the Center for Development Research, Bonn, Germany   |

#### REFERENCES

##### **Prof. Philip OGUNTUNDE**

Hydrology & Water Mgt. Group  
Dept. of Agricultural Engineering  
Federal University of Tech., PMB 704  
Akure, Ondo State Nigeria  
Email: poguntunde@yahoo.com

##### **Prof. Dr. Harald KUNSTMANN**

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Institute of Meteorology and Climate Research  
Atmospheric Environmental Research (IMK-IFU)  
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##### **Dr. Dominikus HEINZELLER**

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