

**Agatha Oluchukwu Anokwu**  
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Motivated and passionate meteorologist/climate Scientist with good knowledge of tropical weather, climate variability, climate change, and its monitoring, analysis, projection, and application to man and the environment. Good academic records and over 10 years of data-driven work and research, employing advanced techniques to achieve accurate and reliable results. My experience spans teaching and mentoring, numerical modeling and prediction, statistical data analysis using the Climate Predictability Tool (CPT). My research interests are in heavy rainfall, floods, and enhanced forecasting.

**Education**

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PhD in Geography	in View
Nasarawa State University, Keffi, Nigeria Master of Geography (Climatology)	2015-2018
The Federal University of Technology Akure, Nigeria Bachelor of Technology in Meteorology	2005 - 2009
Meteorological Research and Training Institute, Nigeria Professional Cert. in Forecasting	2003 - 2004
Meteorological Research and Training Institute, Nigeria Professional Cert. in weather Observation	1999 - 2001

**Career/Professional Experience**

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Operational Head Climate Services Unit of Nigerian Meteorological Agency, Abuja, Nigeria  
Weather Forecast Supervisor/Trainer. Central Forecast Office, Abuja, NiMet, 2014-2017  
Television Weather Presenter on Nigerian Television Authority (NTA), 2014-2018  
Duty Meteorologist, Central Forecast Office, Lagos, Abuja, 2010-2013  
Aeronautical Weather Forecaster, Aminu Kano International Airport, NiMet, 2005-2006

**Professional Training**

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- Seasonal Forecasting Workshop on Agro-Hydro-Climatic Characteristics for Gulf of Guinea Countries in Africa (PRESA-GG). 2024 in Accra, Ghana.

- Seasonal Forecasting Workshop on Agro-Hydro-Climatic Characteristics for Gulf of Guinea Countries in Africa (PRESA-GG). 2023 in Lomé, Togo.
- Seasonal Forecasting Workshop on Agro-Hydro-Climatic Characteristics for Sudan-Sahel Countries (PRESA-SS) in Africa 2022 in Abuja, Nigeria International Training on Climdata Software October 2021.
- WMO Training on Climpact Software, January 2022.
- Online Course on Satellite Imagery Interpretation conducted by the University Corporation for Atmospheric Research (UCAR) held in July 2019.
- Online course on Identification of weather systems found in Africa and their characteristic in satellite imagery products 5 August to 6 Sept. 2019, organized by EUMETSAT, South African Met. and Kenya Met.
- EUMETSAT-IMTR Satellite Applications Course Institute for Meteorological Training and Research (IMTR/WMO-RTC), Nairobi, October 2019.
- Training on using satellite data for climate science in Africa, held in South Africa, August 2018.
- Weather Presentation Training in Nigeria, 2016 by Kindling Communications.
- Weather Presenters workshop in Paris April 2014.
- Advanced weather Forecasting Training at Meteor France International July 2012.
- Use and Interpretation of ECMWF Products in WMO National Meteorological and Hydrological Services Sheffield UK, October 2012.

### **Teaching/Achievement**

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- Trained over 40 Meteorologists on the Job in the Nigerian Meteorological Agency (NiMet).
- Drafted to make weather forecasts for some West African Nations, Liberia, and Sierra Leone from 2015 to 2017.
- Focal person for Nigeria's Decadal Climate Analysis, representing my Organization (Country) with the World Meteorological Agency (WMO).
- WMO focal person for Checklist for Climate Services Implementation & ISO 9001 Gap Analysis – Nigeria.
- Focal person for the Regional Association 1 Africa (Nigeria) for Climate and Health under the WMO-WHO office.
- Associate member, Nigerian Meteorological Society

### **Other Skills and Interests**

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- Climate data analysis using statistical tools and models, Analysis with different Models, Use of satellite data, interpretations of satellite imagery, Climate Change analysis, Weather and climate observation and forecasting.
- Run Models on Windows and Linux, Python (Moderately), PYCPT Model, and Statistical Models, Climate Predictability Model (CPT), Decision Support System for Agrotechnology Transfer (DSSAT), Cosmo Model for short-term weather prediction.

## **Research Work**

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- The effect of mean temperature and rainfall on Measles and Malaria in Kuje Area Council Abuja, Nigeria, I Presented this work at my Postgraduate project defense and a Scientific Seminar among meteorologists in 2018.
- Assessing Seasonal Rainfall Trend across the Area Councils of the Federal Capital Territory Abuja (Presented at the Nigerian Meteorological Society Conference) 2019. <https://bit.ly/2xkEsZE>.
- Using air temperature to assess Climate variability in Abuja, Nigeria. I presented this study at a NiMet colloquium with colleagues in 2019.

## **Language**

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English, Igbo