

## GBANGOU Taldia

### Curriculum Vitae

Droevendaalsesteeg 3 6708PB Wageningen

+31 645298172

[taldia.gbangou@wur.nl](mailto:taldia.gbangou@wur.nl)

#### Current Position

2020 PhD Candidate at Wageningen University and Research, Wageningen, Netherlands

#### Research Experience

2016-present PhD Thesis: Co-production of Hydro-meteorological Information Services for Sustainable Agriculture in Ghana using Seasonal Climate Forecasts and Digital Tools  
*Water System and Global Change group, Wageningen University and Research, Wageningen, Netherlands*

2015-2016 Pre-PhD Thesis: Estimation of surface water budget over West Africa, for Niger and Volta river basins, by means of the regional climate model REGCM4 and the distributed hydrological model ChyM  
*International Centre of Theoretical Physics (ICTP) of UNESCO and IAEA, Trieste, Italy*

2013-2015 MSc Thesis: Analysing Climate Change Projection on Water Availability for Rainfed Agriculture in Awun Basin, Nigeria using High Resolution Climate Scenarios  
*West African Science Service Centre on Climate Change and Adapted Land Use (WASCAL)*

#### Peer-Reviewed Journal Articles

2019 Gbangou, T., Ludwig, F., van Slobbe, E., Hoang, L. and Kranjac-Berisavljevic, G., 2019. Seasonal variability and predictability of agro-meteorological indices: Tailoring onset of rainy season estimation to meet farmers' needs in Ghana. *Climate Services*, 14, pp.19-30.

2018 Gbangou, T., Sylla, M.B., Jimoh, O.D. and Okhimamhe, A.A., 2018. Assessment of projected agro-climatic indices over Awun river basin, Nigeria for the late twenty-first century. *Climatic Change*, 151(3-4), pp.445-462.

#### Education

2016-present PhD Candidate at the Water System and Global Change group  
*Water System and Global Change group, Wageningen University and Research, Wageningen, Netherlands*

2015-2016 Postgraduate Diploma (pre-PhD) in Earth System physics  
*International Centre of Theoretical Physics (ICTP) of UNESCO and IAEA, Trieste, Italy*

2013-2015 Master of Technology (MSc) in Climate Change and Adapted Land Use  
*BMBF, Germany, through WASCAL and Federal University of Technology, Minna, Nigeria*

2009-2012 Bachelor of Science in Water and Environmental Engineering  
*International Institute for Water and Environmental Engineering (2IE), Burkina Faso*

#### Technical knowledge and Language

Programming	Fortran 90/95, Python, R, CDO, NCO, and Matlab		
Modelling	Unix/Linux OS, ICTP-RegCM4, ChYM and WRF (basics)		
Language	English:	Fluent	French:            Fluent

### Invited talks, Workshops and Conferences

- 2017 Talk: Role of mobile applications in collecting, documenting and disseminating integrated weather and climate forecasts for farmers: The case study of Ada East District in Ghana  
*6th Climate Change and Development in Africa conference (CCDA-VII) in Addis Ababa, under the auspices of the United Nations Economic Commission for Africa and the Weather and Climate Information Services for Africa (WISER)*
- 2015 CLIVAR- ICTP Workshop on Decadal Climate Variability and Predictability, Trieste, Italy
- 2015 Advanced School and Workshop on Sub-seasonal to Seasonal (S2S) Prediction and Application to Drought Prediction, Trieste, Italy

### Teaching

- 2019 Climate Change Adaptation and Mitigation Strategies for Society: Value of Weather and Climate information services  
*WSG group, Wageningen University and Research*
- 2018 Climate Change Adaptation in Water Management : Case Study Presentation  
*WSG group, Wageningen University and Research*

### Fellowships

- 2016 Scholarship for the PhD programme at Wageningen University and Research  
*Climate and Water information services for farmers in Ghana, under the Waterapps project funded by the Netherlands Organisation for Scientific Research*
- 2015 Scholarship for the Pre-PhD Diploma programme in Earth System Physics  
*International Centre of Theoretical Physics (ICTP) of UNESCO and IAEA, Trieste, Italy*
- 2013 Scholarship for the MSc programme in Climate Change and Adapted Land Use  
*German Ministry of Education and Research (BMBF) through WASCAL and the Federal University of Technology, Minna, Nigeria*

### Memberships

- ✓ Artificial Intelligence WUR
- ✓ Athletics: Acrobatics