



1. **Name of Staff:** Gerald Forkuor
2. **Proposed Position:** Expert Remote Sensing and GIS – Environmental Modelling
3. **Date of Birth:** 06/09/1978 **Nationality:** Ghanaian
4. **Education**

<u>School, college and/or University Attended</u>	<u>Degree/certificate or other specialized education obtained</u>	<u>Date Obtained</u>
University of Wuerzburg, Germany	Doctoral degree in natural sciences (specialization: Geographical Remote Sensing)	January 2015
University of Twente	Postgraduate Diploma in Water resources and Environmental management	June 2008
University College London	Master of Science in Geographic Information Science	September 2006
Kwame Nkrumah University of Science and Technology	Bachelor of Science in Geodetic Engineering	July 2002

5. **Professional Certification or Membership in Professional Associations:** N/A
6. **Other Relevant Training:** Training on transdisciplinary research for sustainable research, International Social Science Council, Nairobi, Kenya
Training in Project Management, International Water Management Institute, Accra, Ghana
7. **Countries of Work Experience:** Burkina Faso, Ghana, Sierra Leone, Germany, West Africa
8. **Languages :**

Language	Level of Proficiency		
	Speak	Read	Write
English	Good	Good	Good
French	Fair	Fair	Fair

9. Employment Record:

From: May 2019 to Date
 Employer: United Nations University Institute for Natural Resources in Africa
 Positions: Research Fellow (Water and Land)

From [2015]: August to April 2019
 Employer: WASCAL
 Positions held: Senior Scientist and Head of Earth Observation Applications Unit

From [2014]: December To [2015]: July
 Employer: International Water Management Institute
 Positions held: Consultant, Water for food project

From [2004]: February To [2011]: September
 Employer: International Water Management Institute (IWMI)
 Positions held: Research officer, multiple projects

From [2003]: August To [2004]: January
 Employer: Ashanti Goldfields (Bibiiani) Limited (AGBL)
 Positions held: Site Surveyor

From [2002]: August To [2003]: July

Employer: Kwame Nkrumah University of Science and Technology

Positions held: Teaching Assistant, Geodetic Engineering Department

10. Work Undertaken that Best Illustrates Capability to Handle the Tasks Assigned

1) Name of assignment or project: Tiger Africa: inter- and intra-seasonal monitoring of lake volumes using satellite data and mapping irrigated land in an informal irrigation scheme in Burkina Faso

Year: July 2016- to December 2018

Location: West Africa

Client: European Space Agency

Main project features: Research, fieldwork

Positions held: Project manager and lead African partner

Activities performed: Image analysis, field surveys, questionnaire administration and desk study

2) Name of assignment or project: Disaster Risk Reduction Practice Research and Capacity Building Support to ECOWAS

Year: July 2018- to April 2019

Location: West Africa

Client: World Bank

Main project features:

Positions held: Technical Support to Project Manager

Activities performed: Baseline study on trans-boundary floods and disasters in the ECOWAS region; Review of academic/capacity building curricula (worldwide) related to disaster risk management, mapping flood hazard zones using open access earth observation data.

3) Name of assignment or project: Developing a risk assessment handbook for practitioners in West Africa

Year: 2015-2017

Location: West Africa

Client: WASCAL

Main project features: Developing a handbook that provides a common framework for DRR practitioners in Benin, Burkina Faso and Ghana to assess risk using, among other datasets, earth observation data

Positions held: Research collaborator and co-author

Activities performed: Summarized various approaches used for hazard mapping, especially based on earth observation data

4) Name of assignment or project: Developing flood hazard maps at watershed scale in three countries of West Africa

Year: 2013-2015

Location: Benin, Burkina Faso and Ghana

Client: WASCAL

Main project features: Develop flood hazard maps for three watersheds and identifying hotspots and safe havens

Positions held: Research collaborator

Activities performed: Analysis of optical (RapidEye) and Synthetic Aperture Radar imagery (TerraSAR-X) to generate land use and land cover maps as input to hydrological model. Assisted in multi-criteria analysis in generating final maps

11. Do you currently or have you ever worked for the World Bank Group including any of the following types of appointments: Regular, term, ETC, ETT, STC, STT, JPA, or JPO? If yes, please provide details, including start/end dates of appointment.

Yes, Disaster Risk Reduction Practice Research and Capacity Building Support to ECOWAS with the aim of supporting ECOWAS in implementing its Plan of Action (POA) for Disaster Risk Reduction/Management and

CV- Gerald Forkuor

facilitating the research and capacity building component of the POA. Time of assignment: from July 2018 to December 2019.

Certification

I certify that (1) to the best of my knowledge and belief, this CV correctly describes me, my qualifications, and my experience; (2) that I am available for the assignment for which I am proposed; and (3) that I am proposed only by one Offeror and under one proposal.

I understand that any wilful misstatement or misrepresentation herein may lead to my disqualification or removal from the selected team undertaking the assignment.



Date: 27/October/2019