FORM TECH-6: CURRICULUM VITAE (CV)

Position Title and No.	Environmentalist
Name of Expert:	Jean Moussa Kourouma
Date of Birth:	01/07/1983
Citizenship	Guinean

Resume

Jean Moussa is an Environmentalist (specialized in Climate modelling and environmental management) with more than 8 years research experiences gained at both national and international levels. His main area of expertise include pollution risk assessment, Environmental hazards analysis and mapping, landscape modelling, Climate change mitigation and adaptation.

Jean Moussa has extensive working and research knowledge of Western, Eastern and Southern African on Climate and environmental related issues

Jean have gained strong work experience in the following institutions: National Directorate of Meteorology, Guinea, as Agrometeorologist, STEWARD (Sustainable and Thriving Environment for West Africa Regional development) programme as Agroforestry extension agent, Mekelle University of Ethiopia and Copperbelt University as researcher**.**

Jean Moussa has carried out research on small-scale farmers' vulnerability assessment to current and future climate change, environmental pollution assessment and its implications on human health, assessment of meteorological drought using meteorological based drought indices in Ethiopia, drought risk assessment using remote sensing in Ethiopia.

EDUCATION:

- **PhD in Natural Resource Management** University of Copperbelt, Zambia 2018- 2021

- **M.Sc., Natural Resource Management** University of Copperbelt, Zambia, 2018

- **M.Sc., Climate Change and Sustainable development,** Centre Regional Agrhymet, Niamey, Niger, 2015

- **M.Sc. Meteorology,** NZerekore University, NZerekore, Guinea, 2009

- **B.Sc., Meteorology,** NZerekore University, NZerekore, Guinea, 2008

OTHER TRAININGS

- Exchange Master of Science scholarship awarded by TRECCAfrica (Transdisciplinary Training for Resource Efficiency and Climate Change Adaptation in Africa), an Intra-ACP programme fully funded by the European Union at Mekelle University of Ethiopia**;**

Organized by Institute of Climate and Society, Mekelle University of Ethiopia

- **Climate applications for food security   28/09 to 02/10/2015**

Organized and funded by the couple ICTP (International Centre for Theoretical Physics)/Centre Regional Agrhymet (Intense training on DSAAT, CPT and R).

- **Early warning system implementation for food security 08/06/ to 12/06/2015**

Organized and founded by Permanent Inter-states Committee for Drought Control in the Sahel **(CILSS)** and Guinea government.

- **Training in project management   07/07/to 11/07/2011**

Organized and sponsored by **STEWARD project** (Sustainable and Thriving Environment for West African Regional Development) held in Sanniquellie, Rep. of Liberia.

- **Training in various data analysis packages:**
  - o **Statistical packages**: R, SPSS, GenStat, XLSTAT, Sphinx plus, Khronostat, DrinC, Matlab and Excel

- o **Environmental data analysis packages:** ENVI, ERDAS Imagine, ArcGIS, DIVA-GIS, MaxENT
- o **Land Economic Evaluation:** TOA-MD v.5.0
- o **Modelling tools:** AgMIP model, CROPWAT APSIM, DSAAT, XLSTAT, R, ArcSWAT, MODFLOW
- o **Specific Skills:** Satellite Images processing, supervised and unsupervised LULCC classification, fire risk detection and monitoring, Landscape modelling.
- o **RESEARCH EXPERIENCE**

Copperbelt University of Zambia, PhD Scholar in Natural Resource management 2018-2021
entitled *"Developing an index-based methodological approach for measuring sustainability in mining districts: Case study of Chingola district of Zambia".*

Mekelle University of Ethiopia Mekelle, Ethiopia 2017-2018
"Analysis of agricultural drought risk using NDVI and the standardized precipitation evapotranspiration index (SPEI) in Ethiopia"

Copperbelt University, Kitwe, Zambia 2016-2018
"Risk Assessment of Soil Heavy Metals Contamination and Implications on Agroecosystems and Human health in Copperbelt Province, Zambia".

Centre Regional Agrhymet, Niamey, Niger 2014-2015
"Vulnerability of small-scale farmers induced by Climate Change in Guinea forest Region, Guinea"

LANGUAGE SKILLS

		Write	Speak	Read
1.	**English**	Very Good	Very Good	Very Good
2.	**French**	Excellent	Excellent	Excellent

Selected Conferences attended

1. 21st UNFCCC- COP21 conference, Paris, France, from 8 to 13 Dec. 2015

2. International Research Conference on Pastoral and Agro-Pastoral Community Development for Sustainable Livelihood at Samara University of Ethiopia 19/06/ to 21/06/2018.

Oral presentation of my research entitled: *"Bioaccumulation of heavy metals in cabbage (Brassica oleracea var. Capitata L.) and tomato (Lycopersicum esculentum Mill) growing in the vicinity of copper mines"*

3. Participation to the 15th International Conference on Urban Health organized by the International Society for Urban Health/ Elsevier in Kampala, Uganda from 26 to 30 November 2018. Oral presentation of research paper entitled: **"***Spatial distribution of health risk for population via consumption of cabbage (Brassica oleracea var. Capitata l.) and tomato (Lycopersicum esculentum Mill), in Copperbelt province, Zambia"*.

EXPERT'S CONTACT INFORMATION:
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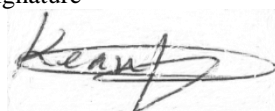
CERTIFICATION:

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience, and I am available to undertake the assignment in case of an award. I understand that any misstatement or misrepresentation described herein may lead to my disqualification or dismissal by the Client, and/or sanctions by the Bank.

Name of Student	Signature	Date
Jean Moussa KOUROUMA		10/02/2020