

EDUCATION

2006: Master's Degree in Environmental Science, University of Yaoundé I (Cameroon).

2002: Bachelor's Degree in Natural Sciences, University of Yaoundé I (Cameroon).

WORK EXPERIENCE

Faculty specialist – University of Maryland, College Park (August 2023, current).

- Support ongoing research of the Global Land Analysis and Discovery (GLAD) laboratory.
- Support data processing for raster and vector data sets in support of ongoing research of the GLAD laboratory.
- Provide technical support to key Central Africa governments' partners through specific technical assistance such as developing and updating forest cover maps.
- Train Central Africa technical staff to develop forest cover maps.
- Conduct fieldwork in support of data collection efforts.

Central Africa Climate Technical Advisor – US Forest Service, Brazzaville, Republic of Congo (May 2022 - July 2023)

- Initiate and conduct national conversations on forest monitoring, climate change reporting, REDD+ programming, and other climate change mitigation and adaptation programs and processes.
- Provide technical support to key government partners responding to specific technical assistance requests and needs, including, but not limited to backstopping national processes and providing training and workshops.
- Support the implementation of climate change mitigation and adaptation activities, and sustainable forest management programs in Central Africa including but not limited to CARPE, SilvaCarbon and SWAMP.
- Facilitate program activity planning, logistics, and reporting.
- Provide implementation support to emission reduction programs such as REDD+ both on MRV as well as safeguards and benefit sharing.
- Support the development of project concept notes and additional climate finance proposals for new programs and attract investments in emission reduction activities in forestry and land sectors.
- Manage the Central African women's capacity-building program on climate change response.
- Represent the U.S. Forest Service at technical and partner meetings and international forums.

National GIS Consultant – Food and Agriculture Organization of the United Nations, Cameroon (March 2021 - April 2022)

CAFI/FAO/Drivers of Deforestation and Forest Degradation Project:

- Produce land cover change maps between 2015 and 2020 in Congo Basin (Cameroon, Democratic Republic of Congo, Republic of Congo, Central Africa Republic, Gabon, and Equatorial Guinea) and, an estimate of deforestation and forest degradation at the national and regional level between 2015 and 2020 using SEPAL platform.
- Collaborate with national and regional counterparts to identify and quantify the current and historical direct drivers of deforestation and forest degradation.
- Organize and lead working sessions at the national level with the Ministry of Forestry and Wildlife.
- Showcase the methodology and preliminary results at regional and international conferences.

Supporting the Ministry in charge of Environment in the NDC review process:

- Support for the planning and budgeting of activities related to the update of the Cameroon CDN;
- Lead the hiring process of consultants to facilitate the process.

- Organize a workshop to identify project ideas;
- Support the development of a resource mobilization plan for climate change resilience.

Enabling Land Degradation Neutrality (LDN) and Mitigation of Greenhouse Gas Emissions in Cameroon's Sudano Sahelian Agroecological Zone and associated project preparation grant (PPG) GEF project:

- Lead the preparation of biophysical profiles of the target landscapes (regions and municipalities).
- Conduct land use dynamics and change trends analysis – Soil Organic Carbon, land cover, land productivity, surface water resources availability and trends, and other relevant national indicators.
- Collaborate with local stakeholders to identify and describe existing land use monitoring systems at national, regional, and municipal levels, and initiatives and planned investments in LDN monitoring (or related monitoring systems).
- Develop high-quality maps of the target regions and municipalities to be included in the Project Document.
- Provide inputs to finalize the project document and respond to comments from the FAO Secretariat and GEF.
- Develop recommendations on the feasibility and capacity requirements for setting up municipal LDN monitoring systems.
- Provide inputs to guide the refinement of realistic project global environment benefits indicators, baseline, and targets.

Deforestation and forest degradation mapping Consultant – USFS (US Forest Service) Cameroon (November 2019 - December 2020)

- Produce forest cover loss maps in Cameroon from 2015 to 2017.
- Develop Cameroon forest cover loss atlas for 2015 to 2017.
- Train 12 staff from three national institutions (ONACC, MINFOF, MINEPDED) responsible for forest resource management and climate change on estimating forest degradation using the CODED algorithm.
- Lead ground truthing missions in South Cameroon.

Remote sensing and GIS Analyst – SilvaCarbon/UMD (University of Maryland), College Park, Maryland, USA (November-December 2019).

Update Cameroon forest cover and changes maps from 2015-2017 using GLAD laboratory methodology.

GIS Consultant – WRI (World Resources Institute) Cameroon (Nov 2018 - June 2019)

- Develop Cameroon quarterly GLAD alerts newsletters 2018.
- Generate alerts using Sentinel 2 and Quickbird satellite raster data.
- Assess and analyze forest loss drivers.
- Provide alert trends for each land use type in 10 regions.

Fellow for the Global Forest Watch Tech Fellowship Program 2018 (July 2018 - November 2018)

Conduct a study that aimed at using dense time series optical data (SENTINEL 2) combined with Landsat data to improve the detection and measurement of dry forest, distinguish forest loss into forest degradation and deforestation, and monitor forest degradation due to commercial exploitation of timber.

MRV National Consultant – REDD+ Technical Secretariat Cameroon (March 2016 - Oct 2018)

- Collaborate with national and international REDD+ stakeholders to develop:
 - Concept on the Cameroon forest reference level
 - Cameroon MRV guidelines
 - Emission Reduction Program Idea Note
 - Emission Reduction Program area in South Cameroon
 - Concept on the Cameroon National Forest Inventory of 2003-2005
 - Forest Investment Plan document
 - Readiness package report of the REDD+ process in Cameroon (Self-assessment)
 - Cameroon's national REDD+ strategy document.

- Collaborate with SilvaCarbon and USFS IP to organize the REDDCompass Training
 - Develop the workshop terms of reference, presentations, and stakeholders' mobilization
 - Ensure logistics (international participants' travel and accommodation, catering service...)
 - Workshop moderation.
- Speaker at the GFOI (Global Forest Observation Initiative) Technical Exchange, at the USGS Headquarters, Reston, Virginia, USA (January 2018) - Exchange of technical experiences in the use of the University of Maryland GLAD system for estimating forest cover change and land use change.
- Remote sensing and GIS Expert at the University of Maryland, College Park, Maryland, USA (February-March July-August 2017) for Cameroon forest cover loss/changes mapping from 2000 to 2015 using UMD GLAD laboratory methodology.

Facilitator of Forest Environment Sectorial Program (PSFE) Basket Fund – Ministry of Environment (MINEPDED) Cameroon (June 2012 - March 2016)

- Follow up on the execution of MINEPDED public contracts under the PSFE.
- Assist the Program Manager, the Focal Point, and the market engineers.
- Develop activity sheets, terms of reference, and tender files.
- Update the state of implementation of program activities and quarterly activity reports.

Chief of Service of Network and Information System Management – MINEPDED (September 2009 - August 2011)

- Monitoring of forest cover changes through remote sensing and GIS;
- Implementation and monitoring of Cameroon's Environmental Information System (EIS-Cameroon);
- Management and administration of the EIS website;
- Liaise with existing networks and information systems in the environment and nature protection sector at the local, national, sub-regional, and international levels;
- Management of geographic information systems and information resources;
- Databases management and dissemination of information;
- Develop the environmental map, in liaison with the technical departments and administrations concerned.

INTEREST AND SKILLS

- Spatial data analysis and thematic mapping
- REDD+ MRV (Measure, Reporting and Verification)
- Green House Gases accounting in the AFOLU sector
- Development of strategic documents on natural resources management
- Knowledge of core technical and policy issues related to climate change mitigation and adaptation policies and programs
- Forest inventories
- Environmental Impact Assessment
- Computer skills: Microsoft Office and database management
- Proficiency in GIS (QGIS, ArcGIS), Remote Sensing (ENVI, ERDAS, PCI Geomatica), and cloud computing platforms (Google Earth Engine, SEPAL, Collect Earth...)
- Languages: Fluent in English and French (native speaker)
- Strong verbal/written and communication and listening skills
- Ability to effectively organize and prioritize tasks to complete assignments within the time allocated
- Ability to identify and resolve problems
- Excellent at building and maintaining effective working relationships.