



## Foundation for Forest Management and Production Control (SBB) Terms of Reference for NFMS Data Analyst

**Job title:** NFMS data analyst

**Duration:** From 1 April to 30 June 2017, with possible extension

**Duty station:** Paramaribo (Office of the SBB)

### General description

Suriname is preparing its participation in the United Nations forests & climate mechanism REDD+. This mechanism allows countries to get financial support to reduce the GHG-emissions caused by deforestation and forest degradation, and to sustainably manage its forests, enhance its forest carbon stocks and to promote forest conservation. The mechanism can be used as a tool to sustainably develop the country and provide alternative business models. This will be done in an inclusive and participatory manner, strengthening the national institutional capacities.

### Role of SBB in REDD+

Within the implementation of the REDD+ Readiness Proposal and PRODOC, SBB is as an implementation partner responsible to establish the Forest Reference (Emissions) Level (FREL/FRL) and to develop a National Forest Monitoring System (NFMS), following UNFCCC decisions and the IPCC guidelines. While the NFMS has to provide information on the REDD+ performance of Suriname, it will be dynamic and designed to provide information for multiple purposes, as required by the national government to support sustainable forest management and the formulation and implementation of national policies, or as required by other stakeholders. The information will be transparent, easily accessible and provide an insight on the actual state of Suriname's precious forest resource.

Both for the multi-purpose NFMS and for the REDD+ forest reference level, field data will be collected in the forest. This data from forest inventories and expeditions will be brought back to the office where it needs to be entered into databases and analysed. SBB needs an NSFMS data analyst responsible for processing this data and improving related procedures.

### Tasks for the NFMS data analyst

Support SBB's contribution to REDD+ in terms of reliable data, line with the national and international requirements (UNFCCC decisions, IPCC guidance, etc.) and responsibilities formulated in nationally adopted documents (R-PP, PRODOC):

1. Collaborate with the database manager on designing, developing and managing forest resource information, in particular forest inventory, databases. Support the development of quality control procedures.
2. Support the development of the FREL/FRL through calculating carbon stocks and emission factors, and determining their uncertainties.
3. Support the development of the forest carbon stock changes monitoring component of the MRV/ NFMS for the different REDD+ activities.
4. Coordinate the development and validation of allometric equations in collaboration with research institutions.

5. Support the assessment of optimal forest inventory design options through statistical analysis based on the organized database.

### **Qualifications**

1. Academic degree in environmental sciences, data management or other related field.
2. Good understanding of REDD+, NFMS, FREL/FRL, MRV, NFI, emission factors, allometric equations.
3. Minimally two years of proven experience working with large datasets, statistical analysis and reporting, preferably related to forests, environment or natural resources.
4. Field experience of data collection in tropical forests, preferably in Suriname.
5. Good computer skills and proficiency in using data analysis software such as R, INFOSTAT, SPSS, S-PLUS. Good proficiency in MSOffice.
6. Proficiency in at least English and Dutch. Knowledge of other languages e.g. Sranan Tongo is an asset.
7. Excellent writing, reporting and presenting skills.
8. Strong motivation to further develop biometrician skills.

### **Organizational and Financial Arrangements**

The NFMS Data Analyst will work on a part time basis within the NFMS Unit hosted by the Foundation for Forest Management and Production Control (SBB) and will technically report to the Director of Research and Development of SBB. The NFMS Unit is positioned in the office of the SBB.

The NFMS Data Analyst will be paid a monthly fee. These payments will be administered by the REDD+ project, following a monthly report approved by SBB and NIMOS.

**Application deadline:** 23 March 2016

**How to apply:** Send your CV and motivation letter via e-mail to SBB: [sbbsur@sr.net](mailto:sbbsur@sr.net).