



Position: Forestry Monitoring Officer

Type of Employment: 2 years Contract

Background

The Taita Taveta Wildlife Conservancies Association (TTWCA) is a regional membership organization established in 2013 to unify and coordinate community-led conservation efforts by Taita Taveta ranches and conservancies for the benefit of the people and biodiversity. TTWCA is based in Taita Taveta County, Kenya, within the wider Tsavo Landscape.

TTWCA currently brings together 35 community ranches, 9 of which are registered as wildlife conservancies spread across over 4,046 km² of wildlife dispersal areas surrounding the Tsavo East and Tsavo West National Parks. This area represents 24% of the total Taita Taveta County land area. This area is an important landscape that also includes wildlife dispersal areas and migratory corridors connecting the Tsavo National Park in Kenya and Mkomazi National Park in Tanzania.

Taita Taveta Wildlife Conservancies Association (TTWCA) is seeking to recruit an experienced and enthusiastic Forestry Monitoring Officer.

Purpose of the position

The Officer's main purpose is to ensure the successful implementation and monitoring of the project activities aimed at reducing carbon emissions from deforestation and forest destruction.

Roles and responsibilities

1. Monitoring and reporting; designing and overseeing monitoring systems to track changes in forest carbon stocks and emissions including collecting data on forest cover and biomass using remote sensing, field surveys, and other techniques.
2. Ensure that project activities comply with relevant standards and guidelines for REDD+ implementation. Coordinate with independent verifiers to verify and validate emissions reductions achieved by the project.
3. Engage with local communities and other stakeholders to gather input, share information, and build consensus around project objectives and activities related to forestry monitoring.

4. In liaison with stakeholders, identify potential risks to the forest and carbon sequestration efforts, forestry monitoring activities such as data inaccuracies, technical challenges, or changes in project scope or objectives, and develop and implement strategies to mitigate the risks.
5. Use monitoring data to inform and advise project management decisions aimed at improving project effectiveness and maximizing carbon benefits
6. Maintain detailed records of forest monitoring activities and data collection protocols including preparing regular progress reports
7. Monitor the health and condition of trees and other vegetation in the project area by collecting data on tree growth, species composition, and density to assess the project area's carbon storage potential.
8. Use remote sensing, satellite imagery, or ground-based methods to Measure and estimate carbon sequestration rates, and carbon stock and track changes in forest cover over time in the project area.
9. Collect data on forest inventory, including tree species, age, diameter, and height, and use it to calculate the carbon credits or offsets generated by the project area and track progress and trends.
10. Prepare reports on forest health, carbon stock assessments, and other monitoring activities.
11. Document project activities, results, and impacts for regulatory bodies, stakeholders, and project managers.
12. Incorporate innovative approaches to improve monitoring accuracy and efficiency while maintaining detailed records of all monitoring activities and results.
13. Ensure that forest management practices comply with relevant environmental regulations and carbon project standards.
14. Assist in audits and verification processes to validate carbon sequestration and offset claims.
15. Provide education and training on sustainable forest management and carbon sequestration practices.
16. Assist in planning and implementing forestry-related aspects of carbon projects.

17. Stay informed about new technologies and best practices in forestry and carbon monitoring.
18. Any other duties as assigned by the supervisor.

Qualifications

1. Education: A bachelor's or master's degree in forestry, Natural resource management, or any other relevant course.
2. Experience: At least 3 years of experience in forest management, Nature Based Solutions, or carbon offset projects value chain.

Other Competences and Skills

The position will require basic knowledge of the following;

1. Climate change: Understanding climate change impacts on forests and ecosystems.
2. Forest Ecology: Knowledge of forest ecosystems, tree species, and ecological processes.
3. GIS and Data Analysis: Proficiency in Geographic Information Systems (GIS) and data analysis tools.
4. Communication: Effective communication with stakeholders, landowners, and the public.
5. Project Management: Ability to plan and execute forest management projects.

Application Procedure

Interested candidates should send their cover letter, CVs (demonstrating their qualifications, competency, and experience in the job applied for), professional certificates, and their availability to jobs@ttwcaKenya.com and copy info@ttwcaKenya.com with the subject 'FORESTRY MONITORING OFFICER' not later than CoB Wednesday, 22nd May 2024.