



**SMART Mobile Data Collection  
Training Workshop**

**24 – 26 February 2018**

**College of African Wildlife Management, Mweka**

# Announcement

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## Background

The [SMART Partnership](#) is supporting the implementation of the SMART approach to protected area conservation, protection, and management. A suite of technical training tools has been developed and is utilized during trainings to help ensure successful achievement of technical and adaptive management expertise in the implementation of SMART that can be applied at site, national, and regional scales. All training courses also utilize these SMART-certified training materials to ensure that a high standard is maintained.

## Training workshop

The College of African Wildlife Management, Mweka will host a SMART mobile data collection training workshop at Mweka. The workshop is made possible due to support from United for Wildlife (UfW) Foundation and the Wildlife Conservation Society (WCS).

The objectives of the project are:

- Conduct SMART basic user training and specialist training in mobile data collection for CAWM students and faculty, and government, non-governmental agencies and community organizations in East Africa;
- Develop new training materials and adapt existing training materials for use in East Africa
- Leverage SMART as a global platform to provide standardized measures of threat levels and enforcement efforts at priority wildlife sites across East Africa

## Participants

Appropriate staff to receive this training would be individuals who are based at conservation sites and are involved in the collection of field patrol data, management and/or administration of patrol data, or people in national offices who have direct responsibility for managing data coming from conservation sites. These individuals would hold positions such as:

- site-based data entry staff
- frontline staff involved in the collection of patrol data
- patrol supervisors
- park managers

Participants will need basic reading and writing capacity (English), familiarity with GPS, smartphones and basic computer skills, and be physically and mentally fit for patrol duties.

### **Training objectives**

1. Understand the importance of data collection for gathering evidence for case management, law enforcement monitoring and adaptive patrol management.
2. Be able to use Global Positioning System (GPS) devices and digital cameras.
3. Be able to collect concise patrol data using Android-based handheld devices and Cybertracker App, and upload the data to SMART via a field laptop computer.
4. Be capable of training other staff in use of the mobile devices and Cybertracker

### **Content summary**

1. Review of patrol data collection methodology using paper forms, GPS and digital cameras.
2. Learn use of configurable data models for data collection with SMART-Cybertracker.
3. Learn basic functions of rugged smartphones and devices.
4. How to upload patrol data to the computer.

**Expected outcome:** All participants know the importance of data collection, are familiar with techniques for collecting patrol data and are capable of collecting high-quality data from the field.

# Proposed schedule<sup>1</sup>

<b>Day 1:</b>	<b>Description</b>
08:00-09:00	Introductions and explanation of the training course schedule.
09:00-09:30	Presentation: Introduction to Law Enforcement Monitoring (LEM) and the importance of data collection
09.30-10:00	Interactive discussion: information needs East African parks - What information is needed for effective park protection and management of endangered species? Overview of what data should be collected to get this information. Documenting evidence of illegal human activity, persons encountered, camps, vehicles, equipment, carcasses
10:00-10:30	<b>Tea Break</b>
10:30- 12:00	Presentation: Overview of SMART data model for East Africa; categories and attributes of data; human activity, wildlife, features, patrol position
12:00-13:30	<b>Lunch Break</b>
13:30-14:00	Presentation: Introduction to GPS and navigation
14:00-15:00	Presentation: Introduction to Cybertracker and handheld device for recording data
15:00-15:30	<b>Tea Break</b>
15:30-17:00	Practical exercise. First steps: practical exercise around the training room and site with handheld device
<b>Day 2:</b>	<b>Description</b>
08:30-08:45	Presentation: Overview of first day of training results
08.45-10:00	Practical exercise: Use of GPS for navigation with some target points around the training site.
10:00-10:30	<b>Tea Break</b>
10:30- 12:00	Practical exercise with Cybertracker around the training site documenting crime scenes
12:00-13:30	<b>Lunch Break</b>
13:30-15:30	Uploading data to SMART via the field laptop computer
15:30-16:00	<b>Tea Break</b>
16:00-16:30	Continuation on uploading data to SMART via the field laptop computer
16:30-17:00	Debrief on patrol effort and observations
<b>Day 3:</b>	<b>Description</b>
08:00-12:00	Practice data collection using Cybertracker equipped handheld devices on a half day foot patrol exercise along trails (suggested 3-4 km max)
12:00-13:30	<b>Lunch Break</b>
13:00-14:00	Upload data from CyberTracker to SMART database and verification of data collected, correction of problems and issues.
14:00-15:00	Debriefing on the patrol effort and observations, experiences.
15:00-16:30	Interactive discussion: Next steps for implementing SMART data collection; expectations of patrol leaders and teams.

<sup>1</sup> Unless otherwise indicated, all sessions will be instructed/ facilitated by Antony Lynam and assisted by trainers from WCS Tanzania.

### **Participant equipment and material requirements**

1. Android-based smartphones (Blackview BV6000, Cedar CT5 or equivalent specs)
2. Global Positioning System (GPS) devices
3. Local topographic map sheets for training sites
4. Laptop computers (for SMART data entry)

### **Training Costs**

There will be no training fee charged to selected candidates. The project will provide a training allowance to each candidate for eight (8) training days which may serve as a subsistence allowance. However, the selected candidates will be required to cater for their travel expenses.

### **Registration for the Course**

To register your interest in attending this course please submit your CV (max. 2 pages) and a motivational letter which include details of how you think attendance to this course will support your work and career development. Please email your application in Microsoft Word or PDF format at [antipoaching\\_p@mwekawildlife.ac.tz](mailto:antipoaching_p@mwekawildlife.ac.tz) OR [mweka@mwekawildlife.ac.tz](mailto:mweka@mwekawildlife.ac.tz)

### **Application deadline**

Applications should reach us not later than 10<sup>th</sup> February, 2018.