



SMART

SMART Advanced Training Workshop

[11 – 17 June 2018]

College of African Wildlife Management, Mweka

Announcement

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(CAWM) is planning to host a 7-day SMART advanced training workshop from 11-17 June 2018 to build on an introductory SMART training course held in February 2018 at the College. The workshop is part of the two projects titled “*Institutionalizing Training and Capacity Development for SMART in East Africa*” and “*Integrating technologies in combating poaching in Selous game reserve, Tanzania*” and is made possible due to support from United for Wildlife (UfW) Foundation through Wildlife Conservation Society (WCS) and Safari Club International Foundation (SCIF) respectively.

The objectives of the project are:

- Boost capacity of CAWM faculty and students, government and non-governmental agencies and community-based conservation organizations in East Africa to implement a SMART-based adaptive management approach in the operation, monitoring, and evaluation of protected areas.
- Leverage SMART as a global platform to provide standardized measures of threat levels and enforcement efforts at wildlife conservation 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 entry of field patrol data onto computer, analysis & interpretation, management and/ administration of patrol data, or people in national offices who have direct responsibility for managing data coming from conservation sites. In addition they must have received SMART basic user training before. These individuals would hold positions such as:

- site-based data entry staff
- senior rangers who work with patrol data
- patrol supervisors
- park managers
- nationally-based enforcement data managers

Participants will need a minimum of basic English language skills, and computer literacy (able to operate a laptop or PC, and who have basic familiarity with Windows or Mac OSX operating systems). Ideally participants would be capable of training other staff at their place of work.

Training objectives

- Understand the use of Law Enforcement Monitoring (LEM) as a tool to support conservation area protection activities.
- Be competent with advanced data recording using Cybertracker-equipped smartphones and configured data models.
- Be competent with the SMART reporting functions including designing and formatting reports, sorting and filtering data in tables and charts.
- Be familiar with centralized management of patrol data with SMART Connect.

Content summary

1. Review and refresher of basic functions of the SMART tool.
2. Advanced query and summary building.
3. Design and formatting of reports (e.g. monthly patrol effort report, anti-poaching operations, threat monitoring).
4. Design of configured data models for special tasks (e.g. law enforcement, community patrols, research and monitoring).
5. Configuring handheld devices to upload data to a centralized instance of SMART, setting of alerts and management of data.
6. Practical use of Cybertracker-equipped smartphones for field data recording, uploading of configured models and downloading of patrol data.

Training approach

The course will consist of a series of lectures, extensive hands-on practical sessions, group discussions and assignments as assigned by experienced trainers.

Prerequisites for training participants

1. Good reading and listening English skills (training will be presented in English language).
2. Direct responsibility for training staff, previous training experience with protected area managements staff an advantage.
3. Basic computer skills and familiarity with Windows or Mac OSX operating systems.
4. Familiarity with law enforcement monitoring data an advantage.

Participant equipment and material requirements

Each participant must have access to the following class resources:

1. Desktop computer or laptop with original Windows or Mac OS software
2. Personal tablets/PDAs or rugged smartphone (optional)

Trainers will provide:

1. Shape files (ArcGIS format) and staff lists for setting up of conservation area for practical exercise.
2. Rugged smartphones (Blackview 6000s)
3. GPS with batteries and data cables

Proposed Schedule¹

<i>Day 1:</i>	
08:30-09:00	Registration, welcome remarks, introductions and training outline
09:00-10:00	Lessons learned from implementing SMART at sites in Tanzania: Reports from practitioners
10:00-10:30	Break
10:30-12:30	Review and refresher of Spatial Monitoring and Reporting Tool (SMART) basic features and functions
12:30-13:30	Lunch
13:30-15:00	Setting up a new conservation area: Practical exercise
15:00-15:30	Break
15:30-16:30	Setting up a new conservation area: Practical exercise
<i>Day 2:</i>	
09:00-10:30	Advanced data management: Designing queries and summaries
10:30-11:00	Break
11:00- 12:00	Advanced data management: Designing queries and summaries
12:00-13:30	Lunch
13:30-15:00	Advanced data management: Designing reports
15:00-15:30	Break
15:30-16:30	Advanced data management: Designing reports
<i>Day 3:</i>	
09:00-10:30	Advanced data management: Designing reports
10:30-11:00	Break
11:00- 12:00	Advanced data management: Designing reports
12:00-13:30	Lunch
13:30-15:00	Advanced data management: networking databases using SMART Connect
15:00-15:30	Break
15:30-16:30	Advanced data management; networking databases using SMART Connect
<i>Day 4:</i>	
08:00-12:00	Travel to field site
12:00-13:30	Lunch
13:30-15:00	Advanced data management; setting up smartphones for data collection,

¹ All sessions will be instructed/facilitated by Dr. Antony Lynam and assisted by trainers from WCS Tanzania.

	create alerts, patrol planning, setting of targets for patrols
15:00-17:00	First data collection field exercise using smartphones and Cybertracker; importing field data into SMART; preliminary analysis, assessment of patrol targets
Day 5:	
08:00-12:00	Second data collection field exercise using smartphones and Cybertracker; importing field data into SMART; preliminary analysis, assessment of patrol targets
12:00-13:30	Lunch
13:30-17:00	Third data collection field exercise using smartphones and Cybertracker; importing field data into SMART; preliminary analysis, assessment of patrol targets
Day 6:	
08:00-12:00	Return to Mweka
12:00-13:30	Lunch
13:30-16:30	Advanced data management: Analysis of field data collected
Day 7:	
09:00-10:30	Advanced data management: Creating reports based on analysis of field data collected
10:30-11:00	Break
11:00- 12:00	Advanced data management: Presentation of reports by teams
12:00-13:30	Lunch
13:30-15:00	Wrap-up and discussion on next steps for setting up SMART Connect in Tanzania
15:00-15:30	Break
15:30-16:30	Concluding remarks, presentation of certificates, and closing ceremony

Training Costs

There is a possibility to support limited number of successful applicants so that they can cover some costs associated with the training. If you wish to be considered for the sponsorship, please explain in your motivation letter why should you be considered for the sponsorship. However, the selected candidates will be required to cater for their travel expenses. Applicants able to secure their own funds are highly encouraged to apply.

Registration for the Course

To register your interest in attending this course please submit as one PDF file document with your CV (max. 1000 words) and a motivational letter (max. 500 words) which include details of how you think attendance to this course will support your work. Please email your application at antipoaching_p@mwekawildlife.ac.tz

Application Timelines and Process

Your application package should reach us by 19th May 2018. Late and incomplete applications will not be considered. Communication to successful applicants will be made available by 01st June 2018.