



WORKSHOP ANNOUNCEMENT

SMART Advanced Training Workshop

[15 - 20 April 2021]

Host: College of African Wildlife Management, Mweka

Background

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

Training workshop

The College of African Wildlife Management, Mweka (CAWM, Mweka) is hosting a 6-day SMART Advanced training workshop which will be held at the College campus effective from 15 – 20 April 2020. The workshop is implemented as part of a two-year project titled “Institutionalizing Training and Capacity Development for SMART in East Africa”. The project is made possible through a support from the United for Wildlife (UfW) Foundation through Wildlife Conservation Society (WCS). The objectives of the project are to:

- Boost capacity of CAWM students and faculty, and government, non-governmental agencies and community organizations in East Africa to implement a SMART-based adaptive management approach to 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 priority wildlife sites across East Africa.

Training objectives:

By the end of this training participants are expected to:

- Understand the use of LEM as a tool to support conservation area protection activities.
- Be competent with the SMART reporting functions including designing and formatting reports, sorting and filtering data in tables and charts.
- Configure SMART Mobile/ Cybertracker-equipped smartphones to collect relevant patrol data in the field

- Wirelessly import patrol data collected using SMART Mobile/ Cybertracker-equipped smartphones
- 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. Troubleshooting and solve basic SMART Mobile/ Cybertracker and SMART Connect errors.
7. Practical use of SMART Mobile/ Cybertracker-equipped smartphones for field data recording, uploading of configured models and downloading of patrol data.
8. Managing the SMART database (backups, exports, adding in employees).
9. How to manage and archive files on the computer.

Participants:

Targeted participants are CAWM students undertaking Bachelor Degree and Postgraduate Diploma in Wildlife Management and Wildlife Tourism programs. In service students who are involved in the entry of field patrol data into computer, analysis & interpretation, management and/or administration of patrol data, or who have direct responsibility for managing data coming from conservation sites are encouraged to apply.

Trainers:

All sessions will be instructed by CAWM, Mweka SMART Instructors

Tentative training schedule:

<i>Day 1: 15 April 2021</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	Introduction of training manual & format of training Installation of SMART, Connect and SMART Mobile/ Cybertracker plug-ins Review and refresher of Spatial Monitoring and Reporting Tool (SMART) basic features and functions
12:30-13:30	Lunch
13:30-15:00	Presentation: SMART Patrol Cycle and Workflow (with Connect)
15:00-15:30	Break
15:30-16:30	Setting up a new conservation area; practical exercise Import pre-defined: System Backup (Training area)
<i>Day 2: 16 April 2021</i>	
09:00-10:30	Module 1: Designing queries and summaries
10:30-11:00	Break
11:00- 12:00	Module 1: Designing queries and summaries
12:00-13:30	Lunch
13:30-15:00	Module 2: Designing reports
15:00-15:30	Break
15:30-16:30	Module 2: Designing reports
<i>Day 3: 17 April 2021</i>	
09:00-10:30	Module 2: Designing reports
10:30-11:00	Break
11:00- 12:00	Module 2: Designing reports
12:00-13:30	Lunch
13:30-15:00	Module 3: Setting up SMART Connect Server Module 4: SMART Connect Frontend (Website)
15:00-15:30	Break
15:30-16:30	Module 5: Connect Plug-in
<i>Day 4: 18 April 2021</i>	

08:00-12:00	Module 4: SMART Mobile/ Cybertracker Plug-In (configurable data model & field map) Practical exercise: setting up smartphones for data collection, create alerts, patrol planning, setting of targets for patrols
12:00-13:30	Lunch
13:30-17:00	First data collection field exercise using smartphones and SMART Mobile/ Cybertracker; importing field data into SMART; preliminary analysis, assessment of patrol targets
<i>Day 5: 19 April 2021</i>	
08:00-12:00	Second data collection field exercise using smartphones and SMART Mobile/ Cybertracker; importing field data into SMART; preliminary analysis, assessment of patrol targets
12:00-13:30	Lunch
13:30-17:00	Advanced data management: analysis of field data collected, creating reports based on analysis of field data collected Advanced data management; presentation of reports by teams
<i>Day 6: 20 April 2021</i>	
08:00-12:00	SMART Connect Best Practices <ol style="list-style-type: none"> 1. Use case for SMART Connect 2. Best practices to avoid server conflicts Troubleshooting common errors in SMART, SMART Mobile/ Cybertracker& Connect.
12:00-13:30	Lunch
13:30-15:30	Wrap-up and discussion <ul style="list-style-type: none"> • Integrations with other datasets (Global Forest Watch, Earth Ranger) • Next steps for SMART Mobile and Connect implementation at field sites in Tanzania
15:30-16:30	Concluding remarks, presentation of certificates, and closing ceremony

Training approach:

The course will consist of a series of lectures, discussions, and extensive hands-on practical exercises as may be assigned by the trainers.

Prerequisites for training participants:

1. Minimum of basic English language skills and computer literacy (able to operate a laptop or PC and be familiar with Windows or Mac OSX operating systems);
2. Background knowledge with basic SMART applications; and
3. Familiarity with law enforcement and monitoring data will be an added advantage.

Training Costs:

All costs associated with the training are covered including breakfast and lunch. There will be **NO PER DIEMS**

Application process:

- 1) Login into your SMIS account
- 2) In the left menu, click SMART Application
- 3) Fill the form as shown
- 4) Click Submit button

Application Timeline and process:

Your application should reach us by 07 April 2021. Late and incomplete applications will not be considered. Communication to successful applicants will be made available by 09 April 2021.

For more information about the training don't hesitate to contact the organizing team (Neema Robert / Rudolf Mremi) at antipoaching_p@mwekawildlife.ac.tz OR 0766638231 / 0710065590