

Introduction to mobile data collection using SMART and Cybertracker

Organizers: Antony Lynam (Wildlife Conservation Society and SMART Partnership)

Background: Ensuring accuracy and precision of field data collection is important for field research and threats monitoring in the tropics. In this workshop participants will learn how to use technology for digital data collection (Cybertracker) in conjunction with Android-powered smartphones or tablets, and be introduced to a tool for managing threats data (Spatial Monitoring and Reporting Tool – SMART). They will learn how to configure devices to collect data with customized user defined data models, and how to upload data for visualization of tracklogs and waypoints. SMART and Cybertracker are being used across >800 sites around the world including 29 National Parks in Sri Lanka. Participants will receive a free package of training materials and resources and have the opportunity to join a global community of SMART users.

Expected outcome: All participants are introduced to the SMART software, know the importance of data collection, are familiar with techniques for collecting patrol data and introduced to use of handheld devices and Cybertracker for high-quality field data collection.

Registration fee: \$25 or 4000 LKR

Maximum seats available: 20

Dates and time: 8.30 – 12.30 pm on 9 September

Tentative schedule:

	Description
08:00-08:20	Registration and distribution of training soft resources including free software
08.20-08:40	Presentation: Introduction to the Spatial Monitoring and Reporting Tool and mobile data collection procedures using Cybertracker
08.40-09:00	Interactive demonstration: Overview of SMART data model for Sri Lankan forest reserves; categories and attributes of data; human activity, wildlife, features, patrol position
09:00-10:00	Interactive demonstration: Introduction to Cybertracker for mobile data collection, installation of Cybertracker on smartphones and tablets
10:00-10:20	<i>Tea Break</i>
10:20- 11:45	Practical exercise with Cybertracker around the training site documenting wildlife observations and human activities
11:45-12:15	Uploading data to SMART via the field laptop computer and visualization of data
12.15-12.30	Wrap-up; summary of key concepts and skills

Location: MAS Athena

Registration deadline: 30 August 2019 or until class is full.

Equipment to be provided by the trainer:

1. SMART v6.2.3 and Cybertracker software
2. Conservation area databases for training site
3. Training support resources

Equipment to be brought along by the participants:

1. Android-based smartphones
2. Laptop computer (Mac or Windows)