

## Project Update: July 2023

A trial version of the eTrack app has been released. The app enables the recording of animal tracks in the field. The main innovation is that each track needs to be photographed five times from different angles in order to reconstruct a digital 3D model. The third dimension brings crucial information about the depth, which also permits a better appreciation of the track contours. For each track sampled, the manipulator can add additional basic information such as the species, age and sex. Once saved, the app automatically records the GPS location. The main goal of eTrack app is to use citizen scientists to build up a database of known tracks that can then be used to identifying unknown tracks using artificial intelligence. The app was tested with group of four Khomani San trackers in the Kalahari. Two smartphones and two rulers were given to the group so that they can start gathering tracks for the database.



