

IUGB 2017



MONTPELLIER - FRANCE

SPECIAL SESSION



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“The use of camera traps as new revolutionary monitoring tool”

Name and affiliation of organiser(s)

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Abstract

The assessment of spatial distribution and abundance of mammal species are key information for conservation and management strategies. They are however often very difficult to estimate with methods that are affordable for managers, for extended study areas, or when densities are expected to be low. The use of camera traps is an interesting alternative under these conditions. In addition, camera traps can be used to assess densities or presence of multiple species, to study wildlife behaviour at feeding stations and to monitor population ecology. The sampling strategy can be standardised and replicated, allowing researchers to monitor

changes in distribution and abundance over space and time, and to compare between study areas using adapted models to analyse the data (CMR, Occupancy, RAI, REM). In our Workshop we aim at showing the extent of different purposes camera traps can be used for, as well as presenting the most up to date methods of analysis of the data, also considering the issue of analysing the increasing amount that can be generated in a single study.

We will also discuss pitfalls and drawbacks of camera traps and practical implementations in field studies.

Who should attend this special session / workshop?

Any researcher or manager interested in monitoring mammals or already using this method but wanting to learn more about other applications.

How many participants?

40

Organisation

Invited talks and abstract submission; each 15 min talk (+ 5 min for questions) presenting a case study, maximum of 6 talks. General discussion and conclusions (max 30 min) at the end of the session.

Length of time

Half day, afternoon.