

Third online training course 2022

Running REM analysis on camera trap data packages from Agouti

Introduction

<https://wildlifeobservatory.org/>

Vicente J, Palencia P, J Casaer, Guerrasio T, Acevedo, M Apollonio, JA Blanco, F Brivio, G Body, P Jansen, E Ferroglio, S Illanas, O Keuling, Liefting Y, K Plis, T Podgorski, M Scandura, M Rowcliffe, G Smith, R Vada, S Zanet & ENETWILD Consortium

21st November 2022



European Observatory of Wildlife



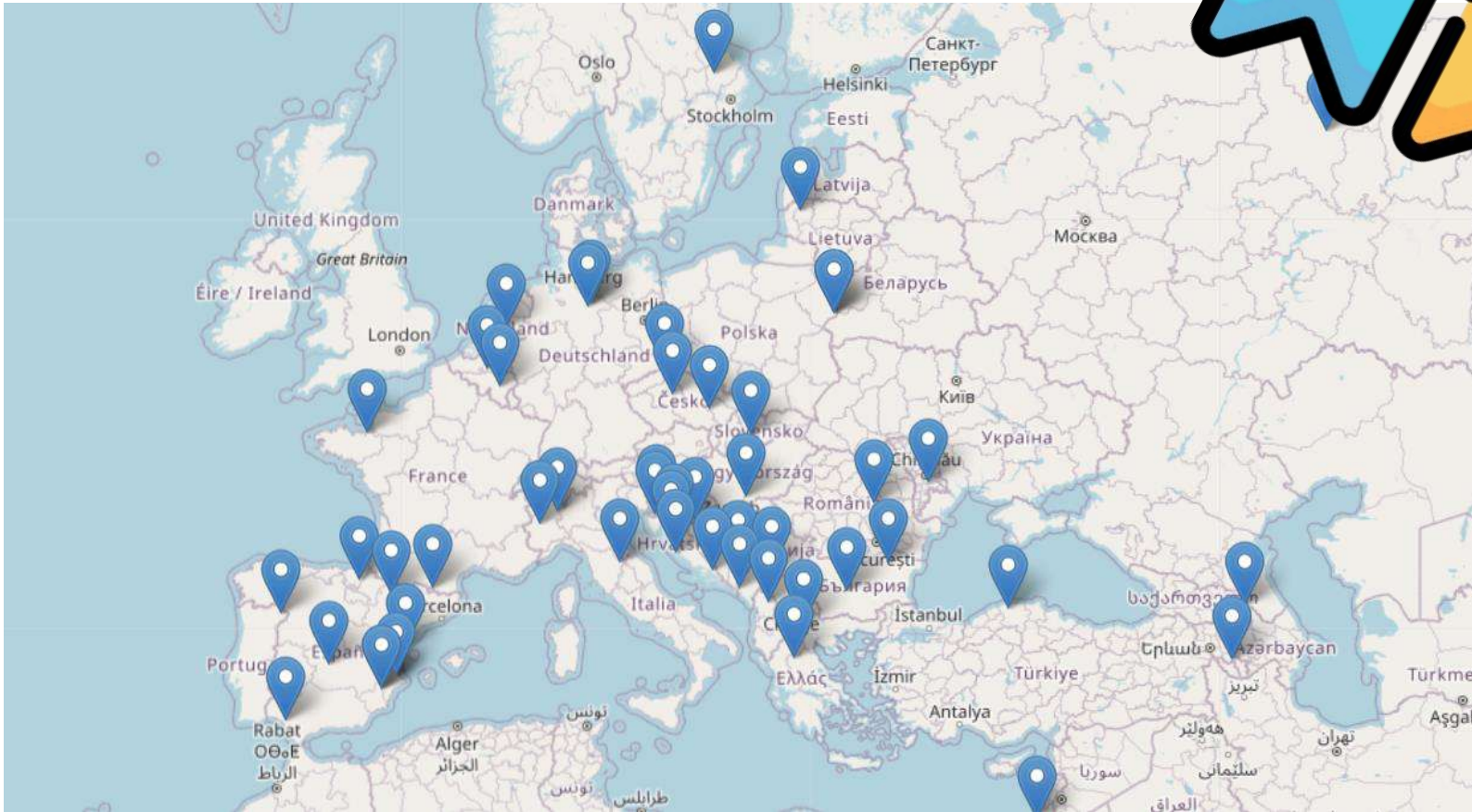
ENETWILD



irec



30 countries



THANK
YOU FOR

14th

December



THE



From June- September

September-November

- **2nd course early SEP: AGOUTI** app use to process data
- Create project in AGOUTÍ, and process data
- Following up
- Data processed by end November:
- **3rd course 21st SEP: Running REM analysis on camera trap data packages from Agouti**

Early December (8th) Data analysis & reporting

- Density estimations provided by EOW participants
- We will provide a template
- **14th Dec: report delivered to EFSA**

Field work
and reporting

Data
processing
and reporting

Final data
analysis
and reporting



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URGENT

Please, provide feedback to Tancredi today indicating the progress and needs:

- Camera traps (pictures) already collected?
- Image processing in Agoutí
- CT model calibrated?
- Which support you need in order to meet the deadline (during next 2 weeks)
- Individual meetings can be appointed

8th December
Density estimations



The Course

- Running REM analysis on camera trap data packages from Agouti

This course complements the previous training on camera trapping methods and protocols, specifically the random encounter method (REM).

- General Instructions as a .doc
- Example data package and Code and documentation available at: https://github.com/MarcusRowcliffe/camtraptor_density_example/blob/main/example_data_and_code.zip

First course available at:

- <https://wildlifeobservatory.org/course-on-the-use-of-camera-trapping-for-monitoring-wildlife/>

Second course available at:

- <https://wildlifeobservatory.org/2nd-course-on-the-use-of-camera-trapping-for-monitoring-wildlife/>



Data collection (density): development and transfer of practical IT tools



Field work

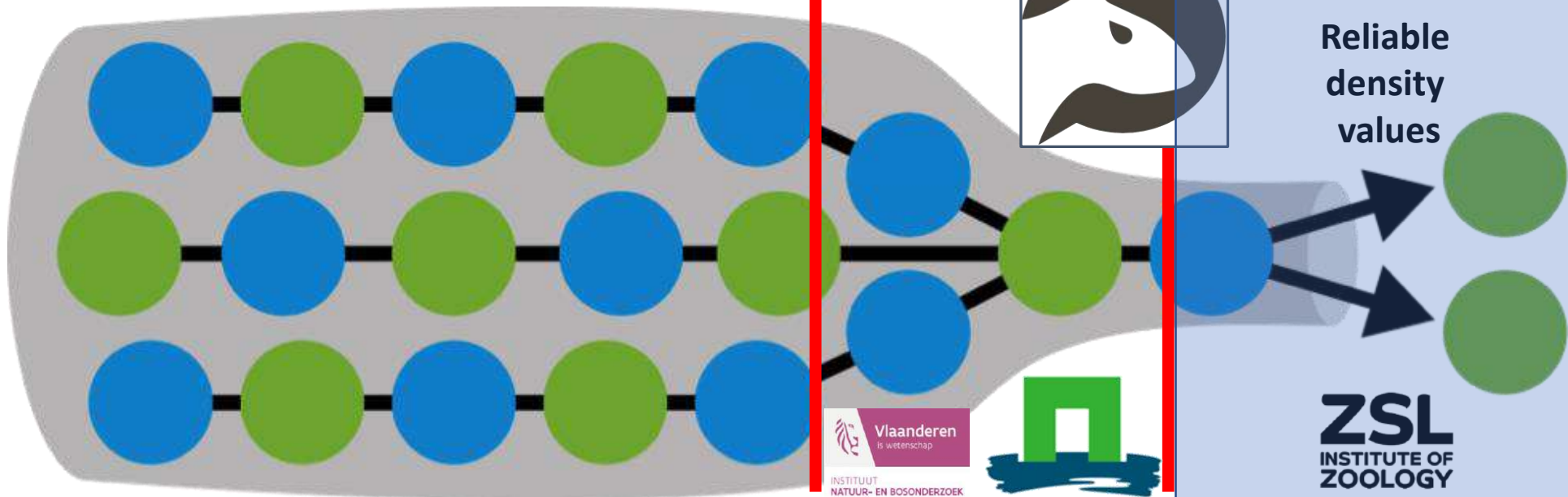
**Automatic
Identification
attributes**

**Data
processing**

**Friendly
online
interface**

**Data
analysis**

**Reliable
density
values**



Density estimation



R-analysis tool: and interface to estimate density (methods which does not require individual recognition) on standardized exports



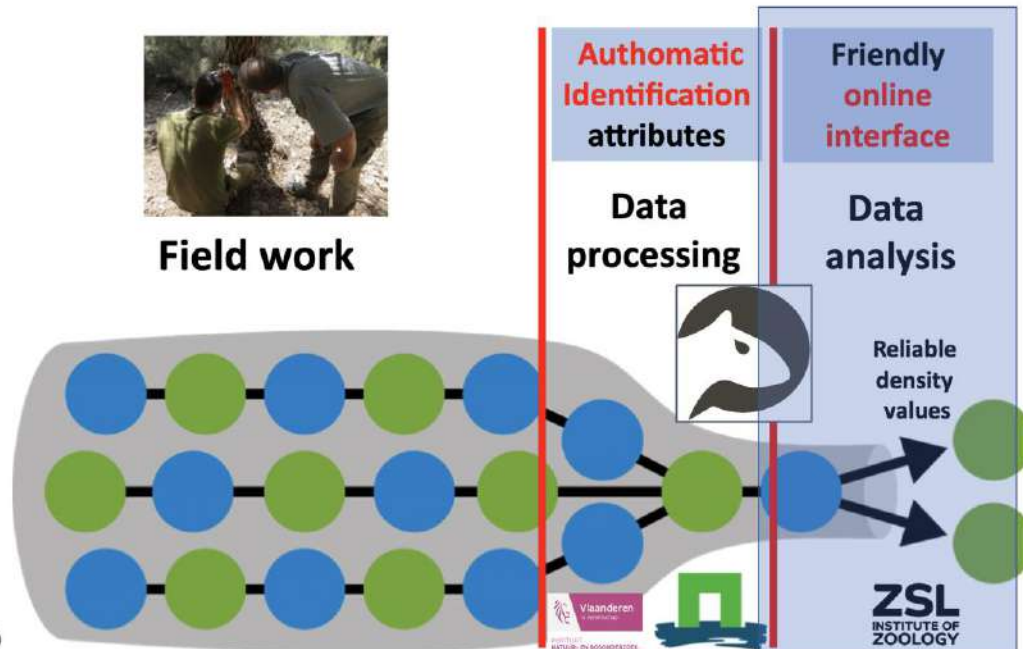
Marcus Rowcliffe



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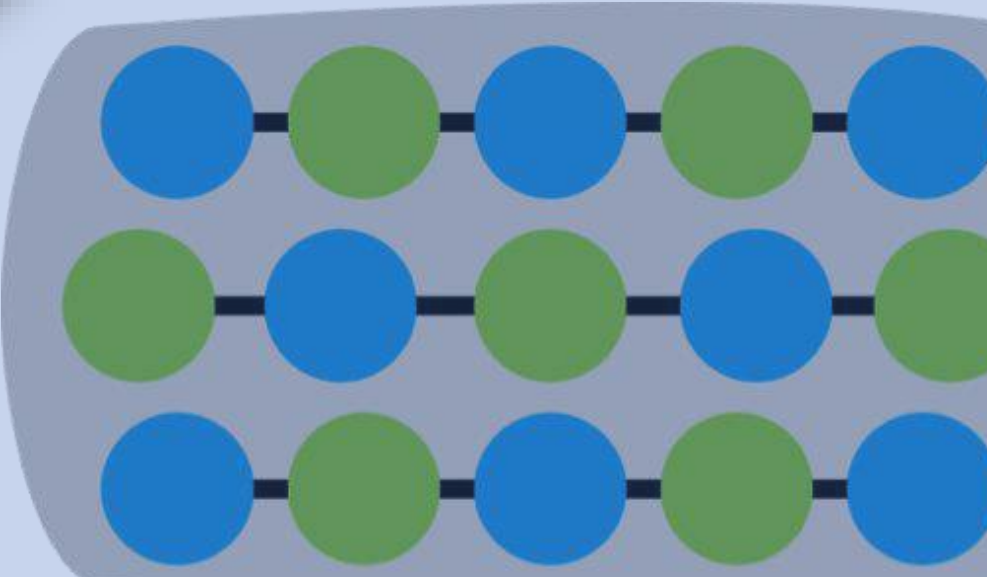
Field work



Data collection (density): development and transfer of practical IT tools



Field work

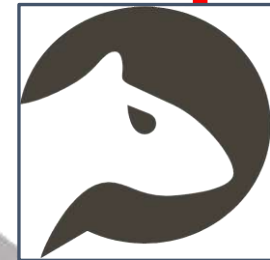


Automatic Identification attributes

Friendly online interface

Data processing

Data analysis



Reliable density values



- **SMART** is an open source software, which allows easily collect, visualize, store, analyze, report and act on a wide range of field data relevant for wildlife monitoring.
- We aim to facilitate the collection of information in the field using established density estimation protocols by means of an already existing data registration IT
 - to make these data available in real time (cloud-based solution)
 - being flexible enough to incorporate new protocols and species, as methods (such as camera traps-based) and needs continuously evolves.
- The integration of SMART tools on EOW was successfully done for
 - (i) distance sampling
 - (ii) hunting data
 - (iii) camera trap protocols.





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URGENT

8th December
Density estimations





European Observatory of Wildlife

Contact

A project by:

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THANK YOU!!

@enetwild 

ENETWILD

a European reliable data host species



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Polish Academy of Sciences
Białowieża



Vlaanderen
is wetenschap

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de l'alimentation, de l'environnement et du travail



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Field work

