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# Workshop Announcement
## Capture-Mark-Recapture Analysis in R
December 5$^{th}$ - 8$^{th}$ 2023

**Lecturers:** Sarah Benhaiem, Julie Louvrier, Viktoriia Radchuk, Ella White
*Leibniz Institute for Zoo and Wildlife Research*

## CONTENT

In this course, we will introduce the theory on **capture-mark-recapture** analyses and present several real-world applications to demonstrate its utility and usefulness. Our **workshop** aims at students and early-career scientists (PhDs, early-career post-docs) who aim to broaden their **quantitative skills** with the final goal of **improved conservation**.

The workshop will be organised in lecture sessions, practical walk-throughs and hands-on exercises in R. Most of the analyses will be performed in R (with an introductory part using MARK). The workshop also includes project work in groups, based on the data brought by participants or supplied by us.

## REQUIREMENTS

The participants are expected to have background in population ecology (e.g. relevant Bachelor or Master level). Basic knowledge and experience working with R is a prerequisite. We strongly encourage participants to use RStudio.

## DETAILS AND REGISTRATION

**Number of participants**: 15

**Where:** The course will be offered in person at:
Leibniz Institute for Zoo and Wildlife Research
Alfred-Kowalke-Straße 17, 10315 Berlin

**Costs:** The workshop is free of charge! Accommodation, travel costs and food expenses must be covered by participants.

We offer **grants** to cover travel (up to 300 EUR per person) and accommodation expenses (fully) for 3 participants. To apply for this funding please send us (akademie@izw-berlin.de) a short (max. 1 page) cover letter outlining your motivation to take part in this workshop and why you require financial support – deadline: 1$^{st}$ November 2023.

**To register:** please send an email to akademie@izw-berlin.de by **1$^{st}$ November 2023.** The places will be filled on first-come-first-serve basis. If you have any questions, do not hesitate to contact us!