4th EURODEER Summer School - Edition 2020

Data Management in Movement Ecology

This repository stores the lessons and presentations of the course that will be held on July 6th-10th 2020 at the University of Aveiro, Portugal

- **Program**
- **Schedule**
- **Data**
- **Flash Talks from Students**
- Section 1: **Introduction to Data Management in Animal Ecology**
- Section 2: **SQL and Spatial SQL**
- Section 3: **Cleaning and Storing an Ecological Dataset into a Database**
- Section 4: **Movement Ecology Data Management in PostgreSQL/PostGIS**
- Section 5: **Movement Ecology Data Analysis in R**

GOALS

At the end of the course the students:

- will be capacitated to use (spatial) database to store and manage their ecological data sets
- will master SQL and spatial SQL to retrieve and process their data
- will be able to use advanced animal movement database
- can use R in connection with a database to analyse their data