



Resume Amandine Herrada

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Currently in my first year of PhD, I am studying the impact of pollutants (e.g. trace elements, pesticides) on the physiology and senescence of roe deer. To collect my data, I do some field work in two roe deer populations that are monitored by a capture-mark-recapture program in France and perform several assays in the lab (e.g. oxidative stress assays) before analyzing the data using R language.



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Skills

English : Professional level, scientific vocabulary.

- TOEIC : 985/990 points.
- « Certificate of Achievement, Final Level: C1 Advanced », Stafford House International, LONDON.

German : Fluent speaking. Regular trips to Austria.

Softwares : Pack Office, RStudio, QGIS, seaview, ulm, galaxy, BORIS, ImageJ, Initiation en Python. Obtention du C2i.

MOOC : Certification MOOC Nature for City LIFE.

Seminar : 15th seminar in Ecology & Behavior, Strasbourg 2022

Field work : one week internship in telemetry



Interests

Sports & Music : 10 years of piano, formerly in a choir, ballroom dances, amateur ice skating, ski

Trips : Europe, Argentina, Mauritius, Morocco

Associations : Formerly in a naturalist association and an association about sustainable development on the university campus.

Update 10/03/2023



Professional experience

Since october 2023 : **PhD at LBBE** UMR-CNRS-5558 « Laboratoire de Biométrie et Biologie Evolutive », VILLEURBANNE.



Directors : JM. Gaillard, P. Vuarin, B. Rey

Subject: Impact of multiple contaminants on the physiology and senescence of European roe deer.

January-June 2022 : **M2 internship at LBBE**, VILLEURBANNE.



Tutors : JF. Lemaître, P. Vuarin, B. Rey

Mission: Assays and statistical analyses as part of a study on the influence of heavy metal exposure on aging in roe deer.

April-July 2021 : **Research Assistant at LPED** UMR-151-AMU-IRD « Laboratoire Population Environnement Développement », MARSEILLE.



Team : Valérie Montes, Christine Robles

Mission : Guidebook for the recognition of spontaneous urban flora in Marseille (150 pages, not available yet).

April-July 2021 : **M1 Internship at LPED**, MARSEILLE.



Tutors : Bruno Vila, Mélanie Ternisien

Mission : Sampling, sorting, identification and statistical analyzes on terrestrial gastropods in urban parks as part of a research project on the establishment of an urban biodiversity indicator.

June 2020 : **Voluntary internship at LPED**, MARSEILLE.



Tutor : Magali Deschamps-Cottin

Mission : Guidebook for the recognition of rhopaloceran lepidoptera present on the green roof of the Lacédémone reservoir (72 pages, available on LinkedIn).

April-June 2018 : **IUT Internship at MMDN** U1198-EPHE-UM-Inserm « Mécanismes moléculaires dans les démences neurodégénératives », MONTPELLIER.



Tutor : Nadine Mestre-Francés

Missions : Practice in histology, immunostaining and cell culture for a scientific research project on Alzheimer's disease.



Formations

2020-2022 : **International Master in Biodiversity, Ecology and Evolution**, University Lyon 1, VILLEURBANNE.



Concepts in ecology and evolution (molecular evolution, LHT...), Evolutionary Genetics and Genomics, Statistics.

2019-2020 : **3rd year of Bachelor in Science : Human and Development**, Aix-Marseille University, MARSEILLE.



Ecosystem functioning, Urban ecology, Sociology.

2018-2019 : **Preparatory class for agronomic and veterinary competitions**, Lycée Frédéric Bazille, MONTPELLIER.

Physiology, Animal and plant embryology, Genetics.

2018 : **University Diploma in Sustainable Development and Social Responsibility**, Science Faculty, MONTPELLIER.

2016 : **University Diploma of Technology in Biological Engineering, Biochemical and Biological Analysis option**, IUT MONTPELLIER-SÈTE.

June 2016 : **Baccalaureate in Science, Physics and Chemistry Option**, Lycée Jean Jaurès, SAINT CLÉMENT DE RIVIÈRE