

# SAÚL FERNANDES

## ECOTOXICOLOGIST

[in/saulmfernandes/](#)

the Netherlands

An ecotoxicologist with 7 years of experience on the hazard assessment of pesticides. I assess the impacts of chemical formulations on aquatic and terrestrial ecosystems, considering both individual organisms and broader ecosystem contexts.

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### WORK EXPERIENCE

**PhD in soil ecotoxicology** Vrije Universiteit Amsterdam | 2020 - 2024

- Designed and conducted high-tier field and laboratory studies on non-target arthropods.
- Integrated metabolomics into risk assessment methodologies.
- Conducted regulatory-compliant field testing of plant protection products following OECD and EFSA guidelines.
- Effectively managed projects and collaborated across academia and industry within the EU-funded PRORISK project.
- Communicated scientific findings to cross-functional teams, industry partners, and general public.

**Visiting researcher in company** ECT Oekotoxikologie GmbH, Germany | Mar - Apr 2022

- Applied Good Laboratory Practice (GLP) principles to ecotoxicological assessments.
- Gained industry experience in chemical risk evaluation.

**Visiting researcher at Aarhus University** Climate Stress Lab, Denmark | May- Jun 2022

- Training on taxonomy of Collembola and identification of functional groups of mites
- Ecotoxicological tests combining drought and insecticides stress on euedaphic and epiedaphic Collembola

**Researcher in safety of nanopesticides** GreenUPorto, University of Porto | 2019-2020

- Led intermediate-tier testing on terrestrial plant growth and soil microbial processes.
  - Evaluated impacts of nanoformulations on algae and aquatic plants.
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### Languages

Portuguese - native; English - fluent; Spanish - conversational; Dutch - beginner A1 (ongoing to A2).

### Education

Doctor in Ecotoxicology (2024); Master's in Environmental Toxicology (2019); Bachelor's in Biology (2017).