

ANSES is recruiting a Data scientist (M/W)

**Position based in Sophia Antipolis (06) or Maisons-Alfort (94), France
- 30 month fixed-term contract -**

French Agency for Food, Environmental and Occupational Health & Safety

ANSES provides the scientific benchmarks needed to protect us from health risks related to food, the environment and the workplace, or from risks affecting animals and plants. It studies, assesses and monitors chemical, microbiological and physical risks, thereby helping the public authorities take the necessary measures, including in the event of a health crisis. A national agency working in the public interest, ANSES comes under the responsibility of the French Ministries of Health, the Environment, Agriculture, Labour and Consumer Affairs. Faced with new threats related to climate and technological changes and our societal choices, it works daily to mobilise science to make the world safer and healthier for all.



1400
employees



16
sites in France



9
laboratories

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Your job description

The WildPosh project (Pan-European assessment, monitoring, and mitigation of chemical stressors on the health of wild pollinators) gathers 17 partners of 10 European countries. WildPosh is a multi-actors, transdisciplinary project whose overarching mission and ambition are to significantly improve the evaluation of the risk to wild pollinators of pesticide exposure, and enhance the sustainable health of pollinators and pollination services in Europe. In a work package dedicated to data collection, you will develop a dataset to collate data on pesticide exposure and effects, other stressors able to amplify adverse effects on pollinators and pesticide use at national level. The objective is to define exposure and toxicity scenarios. Working within the Unit of Honeybee Pathology, and supervised by the task leader, you will identify various sources of data such as scientific literature, European and national databases. You will look for and gather existing data. Subsequently, you will statistically analyse these data to describe key strengths and areas of improvement.

Date of entry:

1st June 2025

Remuneration:

According to your experience and level of training with regard to health agency categorisation tables or according to your particular statute if you are a civil servant.

Specific conditions:

Not applicable

Employment category:

Category 2 contract agent

Your team

The Anses Sophia Antipolis laboratory includes two units and employs 26 people. The Honeybee Pathology Unit who relies on 17 employees is the European Union Reference Laboratory (EU RL), the French National Reference Laboratory (NRL) for bee health, NRL associated to the National Reference Laboratory for Pesticides in Food of Animal Origin and Commodities with High Fat as well as laboratory of reference of the World Organisation for Animal Health (WOAH) for several bee diseases. As a partner in the European WildPosh project (www.wildposh.eu), the unit coordinates several scientific tasks, which aim to assess the exposure of wild pollinators to abiotic and environmental stresses, and to identify mitigation actions. You will be working in close collaboration with the project's European partners.

Your responsibilities

Activity 1: Pesticide use and exposure data

- Identify existing databases to be requested.
- Propose and implement an effective data collection and storage strategy. Automatic update would be a plus.
- Deliver a dataset for the four field study countries by the end of 2026.

Activity 2: Literature review on ecotoxicological data concerning pollinators

- Identify articles of interest
- Propose and implement a strategy for massive text mining and information storage.
- Gather the data obtained from activities 1 and 2 into a complete dataset by the end of 2027.

Activity 3: Publication of results, depending on project progress.

- Identify a coherent set of results
- Write a full-length publication in English
- Submit the publication to a scientific journal

Working at ANSES means:

Contributing on a daily basis to the achievement of our collective goals and commitments.

You will benefit from:

- A dynamic skills development policy
- 10 days of telework per month (subject to conditions)
- Various benefits (on-site canteen/meal tickets, extra days off (RTT), activities offered through the employee association.

Practical info:

The position is based in Sophia Antipolis or Maisons-Alfort.

Both sites are served by various bus routes (maregionsud.fr or ratp.fr)

Your profile

Education and experience:

- Having a Master degree in data science is highly recommended Required: A level plus, 3 level minimum.
- Data scientist with a strong interest in biology and/or ecotoxicology
- Significant experience in collection, management and mining of big data is highly required.
- Experience in the meta-analysis is an asset
- Significant experience in managing multi-partner projects is appreciated
- Previous experience in writing and publishing A-grade scientific articles would be a plus.

Skills:

- Proficiency in R or Python, as well as in the dplyr and numpy/pandas libraries, is essential. Knowledge of SQL would be an asset.
- General knowledge of biology and/or ecotoxicology and an open mind towards these disciplines is appreciated.
- Basic skills for scientific work required: rigor, efficiency, autonomy.
- Fluent in scientific English (written and spoken).

To apply

Operational contact

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Send by 03/01/2025 at the latest to recrutement@anses.fr, with your cover letter + CV indicating reference 2024-184

www.anses.fr   

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