

Vacancy Announcement

Position title: Data Analyst in epidemiology, in the Status Department

Salary: Base salary at **2600 €** net/month, commensurate according to experience
Salary – totally or partially –exempt of French income tax
Benefits (annual quality bonus)

Duration: One (1) year

Context: The World Organisation for Animal Health (OIE) is the intergovernmental organisation responsible for improving animal health worldwide. The standards it develops for the trade of live animals and products of animal origin are recognised by the World Trade Organization (WTO) as reference international sanitary rules (<http://www.oie.int/en/>).

The OIE, previously known as the « Office international des épizooties », was created on 25 January 1924. Its headquarters are based in Paris. It comprises 182 Member Countries and is present on all continents through 12 Representations or Bureaus. The OIE also maintains permanent relations with over 70 international and regional organisations.

Since 1994, the OIE is mandated to officially recognise countries and zones as disease-free for the purposes of international trade. The procedure for the official recognition of disease status by the OIE, recognised by WTO, is voluntary and currently applies to the following six diseases: African horse sickness, bovine spongiform encephalopathy, classical swine fever, contagious bovine pleuropneumonia, foot and mouth disease (FMD) and peste des petits ruminants.

FMD is the first disease for which the OIE established an official list of free countries and zones (1996), based on a transparent, science-based and impartial procedure for the recognition and maintenance of FMD disease status. Categories for FMD disease status include: FMD free without using vaccination (country or zone) and FMD free with use of vaccination (country or zone).

An analysis of the circumstances and strategies that lead to the suspension and subsequent reinstatement of FMD free status from 1996 to 2018 will be undertaken to describe the conditions that lead to the suspension and recovery of FMD free status and identify which factors which may influence the speed and sustainability of recovery of FMD free status.

Positioning and reporting

Under the authority of the Deputy Director General in charge of Science and Standards, this position falls under the supervision of the Head of the Status Department and requires close collaboration with the Status Department team and the World Animal Health Information and Analysis Department team.

Job purpose

The Data analyst collects, manages, analyses, and interprets data from diverse sources on recognitions, suspensions and recoveries of FMD free status since 1996. The Epidemiologist's findings on factors for fast and sustained recoveries of FMD free status inform the development of guidelines and recommendations for a quick and sustained status recovery.

Missions and Activities

- **Analyse recognitions, suspensions and recoveries of FMD free status since 1996 and identify possible associated factors for fast and sustained recoveries**
 - Understand diverse types of data sources, propose and perform required analyses to reach project goals;
 - Review, clean, and compile data, and develop a database;
 - Perform a descriptive analysis of datasets related to recognitions, suspensions and recoveries of FMD free status since 1996;
 - Draw hypotheses as to factors and practices which support fast and sustained recoveries;
 - Prepare a report on the analysis;
 - Develop guidelines and recommendations for quick and sustained recoveries of FMD free status, and develop a proposal for the improvement of the questions on the OIE procedures for recovery of FMD free status;
 - Write a scientific article on the recognitions, suspensions and recoveries of FMD free status since 1996.

Qualifications and Experience

- Master's degree or PhD in epidemiology, statistics or public health
- At least 3 years in database management and health data analysis
- Experience in project management

Additional experience (would be an asset)

- Work experience in epidemiology of infectious animal diseases
- Work experience with the Veterinary Services on the development or implementation of disease control programme
- Experience in statistical languages, such as Python and/or R

Requirements

Technical skills

- Sound knowledge of database management system (DBMS), preferably *mysql*
- Sound knowledge of statistical and data analysis methodologies and processes (cleaning diverse data sets, performing various analysis, interpreting qualitative and quantitative data, and visualizing outputs)
- Experience clearly articulating and presenting qualitative and quantitative findings with high impact
- Ability to identify trends, to provide insight, and to offer expertise on how to achieve goals using data
- Excellent command of English, both written and oral
- Significant experience with the use of the Office pack, particularly advanced experience with Excel
- Knowledge of another official language of the OIE (French or Spanish) would be an asset

Interpersonal skills

- Highly self-motivated and ability to work independently and advise team on needs and direction of analysis
- Ability to communicate complex data and ideas to non-expert audiences
- Flexible and dynamic personality
- Attention to detail and excellent organisational skills
- Ability to work in a multi-disciplinary team in an international environment

Working conditions

The post is a full-time position at the OIE Headquarters in Paris.

General information

The OIE places high value on a multicultural and positive work environment. The OIE is an equal opportunity employer and welcomes applications of all qualified candidates, irrespective of their ethnic origin, gender, opinions or beliefs.

This is an international civil servant position that is **available immediately**. If you are interested in the position, please complete your application online **by 4 March 2019 at noon (Paris time) at the latest** by clicking on the link below.

Should you have any questions, please contact Human Resources at hr.dept@oie.int.

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