

Job Reference : Agreement NA-000-11-00096-00. Analysis of Biodiversity and Food Safety for Analysis of Biodiversity and Health Risks for Crop and Livestock Production

Mission Summary: Strengthening data analysis within the Joint Research Unit (UMR) PVBMT CIRAD/University of Reunion Island, with the primary objective of studying the dynamics of pest populations of economic importance.

Title: Statistical engineer

Description: The position is integrated into several themes: The first is the modeling of population dynamics of several crop pests: fruit and vegetable flies, whiteflies, thrips, white worms ... according to different statistical or mathematical approaches . The candidate will also support the teams of the Joint Research Unit in the analysis of their data under R: population dynamics, genetics, agronomy, varietal selection ... Finally, the candidate will participate in sessions of training under R for trainees from the professional environment (supervisors, engineers, researchers, trainees, doctoral students, other VSCs).

Desired profile: The volunteer must hold a diploma of level Master (Engineer, MSc) from an applied statistical training with good knowledge in modeling. A double competence with biology or agronomy is welcome. Knowledge in geomatics would be a plus.

Mixed field and laboratory profile

Ability to communicate and work as a team

The mastery of R is essential. Knowledge of QGIS desired.

Writing ability (writing scientific reports and articles)

Proficiency in scientific English

B driving license desired

Constraints: Must be a citizen from the EEA (European Economic Area) or an eligible foreign citizen (<https://www.service-civique.gouv.fr/page/accueillir-un-volontaire-etrananger>) .

Eventuality of mission on the Indian Ocean area or participation in congresses.

It may be necessary to go to the field to collect data.

Place: Saint-Pierre (La Réunion, France), South-West of the Indian Ocean

Type of contract and duration: “Volontaire Service Civique”, 9 months (up to 24 months)

<http://www.service-civique.gouv.fr/>

Start date: as soon as possible (from 1st April 2020)

Information and applications:

Frédéric CHIROLEU

CIRAD BIOS

UMR PVBMT (CIRAD/Univ. of Reunion Island)

+262 262 492 730

frederic.chiroleu@cirad.fr