

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).

Possibility 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)

Type of contract and duration: "Volontaire Service Civique", 10.5 months (up to 24 months)

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

Start date: as soon as possible (from 1st April 2018)

Information and applications:

Frédéric CHIROLEU

CIRAD BIOS UMR PVBMT (CIRAD/Univ. of Reunion Island)

+262 262 492 730

frederic.chiroleu@cirad.fr