***Volontaire du Service Civique***

**Position at the UMR PVBMT in La Réunion**

**Database and web application development**

**Context**

This position is offered in the context of a flagship project (funded by Agropolis fundation) : « Improving epidemiosurveillance of Mediterranean and tropical plant diseases » (2015-19).

**Description of the mission**

The main objective of the position will be to develop a common database on emerging diseases, web-accessible to any partner of the project. This base will gather the most relevant data with regard to epidemiosurveillance strategies, including data streams on emergence descriptors, reference diagnosis methods, pest risk analysis (PRA) and including links to the established genotyping databases.

This task will consist of:

- Collecting information on emergences from the different research teams

- Designing and developing the database, including the development of query, entry and updating data tools.

- Making the database accessible to partners online.

- Organizing presentations and training sessions, particularly during the different scientific events planned in Montpellier at the mid-term and at the end of the project in order to transfer the databases to the different stakeholders and partners.

**Qualification and experience:**

We are looking for a highly dynamic Engineer or Master candidate with:

- A dual expertise in biology and information technology (IT),

- Skills in databases management and Web development,

- Good communication skills

**Location**

Based at 3P, UMR PVBMT Cirad –Université de la Réunion, 97410 Saint-Pierre, Ile de la Réunion

**Duration**

The position is open for 24 months

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