

Post-doctoral researcher in agroecology, INRA, Bordeaux France

We are recruiting a post-doctoral scientist to work with us on research related to the effect of vegetation management and pesticide use on biodiversity and associated ecosystem services in vineyard landscapes. We are looking for a scientist with strong interest in community ecology and landscape ecology with excellent skills in quantitative ecology and data analyses (using R). The project involves some field experiments but also benefit from already collected and compiled datasets from experiments about vegetation management and biodiversity in vineyard landscapes. Successful applicant will join our group studying biodiversity dynamics and ecosystem services in agricultural landscapes located at INRA Bordeaux (Southwest of France). The scholar will have the opportunity to work collaboratively on several on-going multi-disciplinary projects.

The postdoctoral researcher will analyse large datasets about the structure of arthropods communities and their trophic interactions in vineyards that differ in terms of vegetation management and pesticide use. This project will also explore bundles of ecosystem services (e.g., pest control, yield, organic matter decomposition) under different management options and in different landscape contexts. The research will be conducted in collaboration with different scientists of our group and with scientists from the SECBIVIT project (Biodiversa/Belmont forum). The post doctoral researcher will be encourage to develop own project and will contribute to coordinate experimental work, analyse data, and write and publish scientific papers in collaboration with the research team. The postdoc will also assist in the supervision of students and communicate with stakeholders.

Qualifications:

We are looking for highly motivated candidates with a PhD in ecology, biology, entomology or equivalent pursuing an academic career and with strong interest in ecology, agroecology, or biodiversity conservation. Very good expertise in statistical analyses and scientific writing are required. Excellent communication skills in English (both written and spoken) are required.

Place of work:

The position is based at INRA Bordeaux in the Biodiversity and Ecosystem Services Group of the SAVE Unit. The postdoctoral researcher will particularly work in close collaboration with Dr. Adrien Rusch, Dr. Brice Giffard, Dr. Denis Thiéry and Dr. Daciana Papura. Our group has a wide range of interests in community ecology, landscape ecology, and food-web ecology. We particularly try to understand how anthropogenic disturbances affect service-providing communities and the flow of ecosystem services in agricultural landscapes. The general goal of our research is to design multifunctional landscapes and ecologically sound farming systems. We offer great infrastructure and equipment as well as a multidisciplinary working environment.

Form of employment: Employment full time (100 %). Time limited position as postdoctoral researcher for two years. Salary will follow the INRA standards (gross monthly salary ranging from 2400 to 2700€ depending on previous experience).

Starting date: August / September 2019 but can be discussed.

Application: Applications must be sent no later than 31 May 2019 to: adrien.rusch@inra.fr, and brice.giffard@agro-bordeaux.fr. Applications must be written in English and contain (i) a statement of academic interests and motivation for applying to this position, (ii) a Curriculum Vitae including a complete publication list and (iii) contact information to two reference persons.