



**CIHEAM
MONTPELLIER**

Service GRH
Ref. : 23/40

VACANCY ANNOUNCEMENT

Recruitment of a PhD candidate in Agronomy One-year full-time contract, renewable up to 3 years

The Mediterranean Agronomic Institute of Montpellier (CIHEAM Montpellier), one of the four institutes of the International Centre for Advanced Mediterranean Agronomic Studies (CIHEAM), is an intergovernmental organization whose mission is the development of higher education and lifelong learning, research and cooperation in the Mediterranean area. Within the scope of the NPP-SOL project, CIHEAM Montpellier offers a position of PhD candidate.

CONTEXT

The NPP-SOL is a PRIMA Section 2 project aiming to co-design and test Site-Specific Best Management Practices and Pollution-Preventing Technologies enhancing a multistakeholder participatory approach

Considering context-related needs and challenges, whether the proposed innovations are appropriate or not, and whether they can sustainably adopt the knowledge generated by NPP-SOL. The aim is to intercept and remove NPS pollutants before reaching the groundwater and surface water bodies. Technologies such as Bioreactors and Constructed Wetlands will be set up to remove nutrients and pesticides from surface runoff and/or drainage water coming from agricultural fields. Anaerobic Digestors will treat livestock slurries before spreading them to the soil.

ROLE

The PhD candidate will play a central role in the project and will be a full member of the project team. Working side-by-side with the Personal Investigator, the PhD candidate will be focused on providing Modelling Tools integrating dynamics, physically-based agro-hydrological models to bioeconomic models, to evaluate alternative soil, water, and crop management strategies, reducing nutrient losses in water bodies, improving crop productivity, and identifying the proper nutrient management under saline irrigation water. MT will support SSBMP and PPT designing. Moreover, the PhD candidate will coordinate the exchanges within the consortium partners and facilitate the acquirement of the necessary data. He/She will attend all the necessary meetings and workshops of the project in order to guarantee the well execution of the Tasks.

ACTIVITIES AND TASKS

- Collaborate with the other partners for the collection of the necessary data;
- Supervision and coordination of modelling activities;
- Assist the coordinator in the supervision and implementation of the Tasks;
- Attend the consortium meetings;

REQUIREMENTS

The PhD candidate must meet the following requirements:

- Master 2 in Agronomy;
- Excellent knowledge of data analysis;
- Knowledge on agronomic or hydrological modelling;
- Excellent oral and written communication skills in English.



PERSONAL SKILLS REQUIRED

- Excellent organizational skills, ability to establish and maintain lasting and constructive formal relationships;
- Dynamism, reactivity and autonomy;
- Excellent skills of writing and synthesis (work plans, technical reports and other acts and management, ordinary correspondence, notes, messages, summary sheets);
- Good teamwork abilities, particularly in a multicultural and multi-disciplinary context;
- Ability to propose solutions to problems and critical issues that might arise during the project.

JOB SPECIFICATIONS

- Contract duration: fixed term contract of 12 months' renewable twice (up to 36 months);
- Full-time (37,5h per week);
- 8 weeks' annual leave;
- Salary: According to CIHEAM-IAMM index payroll;
- Location: Mediterranean Agronomic Institute of Montpellier (Route de Mende, Montpellier, France) with occasional travels in different partner countries.

Contact for any information on the project: kleftodimos@iamm.fr

CIHEAM Montpellier is committed to a policy of non-discrimination and gender. Position open to people with disabilities.

SELECTION PROCESS

The application must be written in English and include a CV and a cover letter concerning the missions defined in the job description.

Deadline for Submission: **25th of June 2023**

Selection Committee: **27th of June 2023**

Starting Date: **3th of July 2023**

The application file must be sent by email with the following object "NPP-SOL PhD candidate Vacancy" to emploi@iamm.fr

