



JOB ANNOUNCEMENT
Post-Doctoral Fellow (PDF) in system agronomy
Ref: IRS/07/2018/30

The Africa Rice Center (AfricaRice) is seeking a highly qualified **PDF in system agronomy** to be based at AfricaRice's station at Saint Louis, Senegal.

About AfricaRice

AfricaRice is a leading Pan-African rice research organization committed to improving the livelihoods in Africa through strong science and effective partnerships. AfricaRice is one of the 15 international agricultural research centres that are members of the CGIAR System Organization. It is also an Intergovernmental association of African member countries. Its membership comprises of 26 countries, covering West, Central, East and North African regions.

Responsibilities

Under the overall guidance and supervision of the agronomist, the post-doctoral fellow in system agronomy will develop and deliver sustainable intensification and farm diversification options. He will be responsible for the following main functions:

1. Conduct strategic research to guide sustainable intensification and diversification in irrigated rice farming systems including long-term trials;
2. Characterize performance of rice genotypes in terms of stress resistance and yield potential;
3. Develop sustainable intensification options, which include machineries and newly developed rice varieties as components;
4. Design farm diversification options and test them together with multiple-stakeholders for validation;
5. Contribute to out-scaling activities for technologies and innovations developed in Sustainable Productivity Enhancement Program;
6. Publish research findings in peer-reviewed SCI journals;
7. Provide inputs to donor reports for the projects in which s/he is involved;
8. Supervise technical staff, and contribute to Center's capacity building efforts and backstop students, trainees and national partners;
9. Contribute to Center's resource mobilization efforts;
10. Undertake any other duties as required by the needs of the centre.

Qualifications /Selection Criteria

Education: PhD in agronomy or related fields in agricultural sciences.

Work Experience: Significant and demonstrated experience in field-based cropping systems research and on-farm participatory research

Knowledge and Key Competencies:

- knowledge on crop physiology, crop modelling, and farming systems modelling

- Excellent data management and analysis skills and a record of high quality scientific publications
- Knowledge of laboratory analyses and soil and plant sampling methods;
- Ability to work in a multicultural team.
- Ability to implement the tasks autonomously with minimal supervision and collaborative team playing spirit to effectively work in the multi-disciplinary team under pressure
- Ability to motivate and manage staff.
- Excellent communication skills, orally and written.

Language

The candidate should communicate fluently (orally and in writing) in English or French with a good working knowledge of the other language.

Terms and Conditions

- o This is an internationally recruited position.
- o AfricaRice provides an attractive salary and benefits package and a collegial and gender-sensitive working environment.
- o The initial appointment is for two years with renewal of contract possibility.

Application procedure

Expressions of interest (a full CV + supporting statement) including the names and addresses (telephone / fax / email) of three referees should be submitted.

To apply for this position, please send your applications to africaricehr@cgiar.org with the following mention in subject: “**Recruitment process – PDF in system agronomy**”.

Applications will be considered until **Monday, April 30, 2018**.

AfricaRice is an equal opportunity employer. We believe that staff diversity promotes excellence in our operations and particularly welcome qualified applications from women, people living with disabilities and developing countries.

AfricaRice thanks all applicants but only shortlisted candidates will be contacted.

To learn more about us, please visit our website at

www.AfricaRice.org