

POSITION DESCRIPTION

Irrigation Engineer / Hydrologist

INIA - URUGUAY

Profile Description:

The Instituto Nacional de Investigación Agropecuaria (INIA) of Uruguay is hiring an Irrigation Engineer or (Agricultural) Hydrologist to conduct research in irrigation and water management of rice and field crops.

Worldwide, Uruguay Rice sector is at the top of productivity, however water availability, environmental concerns, and competition for water from other sectors, means **new irrigation and drainage systems need to be developed**. Preserving the sustainability of the system requires techniques that use less water, minimize off-site impacts and reduce the need of labor.

Major Duties:

- ✓ As a team member, the incumbent will lead scientific discussions, research proposal preparation, data management, and supervision of graduate students and technical staff in their area of expertise. He/she also assumes full technical and operational responsibility for designated research projects.
- ✓ Independently develops a research project that focuses on state-of the art sustainable irrigation systems, which optimize production and minimize off-site and downstream impacts.
- ✓ The incumbent will build networks and collaborations with other scientists, farmers, governmental and private sector representatives and INIA staff to plan and carry out projects. Engages with growers to collaborate in field experiments.

Required Skills:

- ✓ Postgraduate title, preferentially PhD, in Irrigation Engineering or (Agro)Hydrology.
- ✓ The position requires hydrologic and engineering expertise in the areas of irrigation & drainage system design, installation and operation.



- ✓ Demonstrated research experience in some area of the irrigation and drainage domain.
- ✓ Excellent skills in quantitative analysis, statistics and computing.
- ✓ Demonstrated skills in data management.

Desired Skills:

- ✓ Previous experience in working with growers in research by translating science into practical applications.
- ✓ Experience in collaborating in larger research groups across different scales from field to landscape.
- ✓ Knowledge and experience in improving irrigation water use efficiency and in managing off-site impacts

Location:

The position is located at INIA Treinta Y Tres Experiment Station - Uruguay, where an interdisciplinary team of rice scientists is located.

The position will be supported to develop and maintain an international research profile. For candidates without knowledge of Spanish a language program will be offered.

For competitive international candidates, a relocation package can be part of the negotiations.

Send cv to : rrhh@inia.org.uy

REF: ING.RIEGO-HIDRÓLOGO

Deadline: April 30, 2018.

