

Please note that this is a re-advertisement and previous applicants need not apply again.

The person and the job:

The International Water Management Institute (IWMI) is looking for a Researcher (Irrigation Engineer) who will lead and undertake research for development on irrigated agriculture in Burkina Faso and Francophone Africa, using approaches that combine the technical understanding of water management and farming systems. The person will provide scientific leadership, negotiate with potential partners and donors, apply good project management practices and disseminate research results to target audiences, while also contributing expertise across the Institute on key research topics on irrigation and agricultural water management.

The position holder will report to the Theme Leader - Sustainable Agricultural Water Management, and be based at IWMI's office in Ouagadougou, Burkina Faso.

You will:

- lead the technical diagnosis of irrigated agricultural production systems, and the design of appropriate irrigation interventions across large-, medium- and small-scale irrigation systems;
- develop a coordinated approach for the utilization of surface water and groundwater resources for irrigation in a sustainable manner;
- contribute to minimizing other water-related challenges at farm level;
- identify new research trends and niches, and develop new research proposals for projects addressing important irrigation issues in West Africa;
- initiate, develop and sustain collaboration with research partners, governments and donors in Burkina Faso, other West African countries and, when required, in Francophone Africa;
- contribute to relevant research portfolios of the CGIAR Research Program (CRP) on Water, Land and Ecosystems (WLE) and other CRPs in which IWMI is participating, particularly in relation to irrigation management systems; and
- prepare research reports, journal articles and other scientific manuscripts (e.g., policy guidelines, policy briefs, etc.) for dissemination and uptake of research results.

You will possess:

- a PhD in Irrigation Engineering or Agricultural Engineering;
- at least five years' postdoctoral work experience in the field of irrigation management in developing countries;
- relevant experience working on a diverse range of irrigation scales, and with approaches, techniques and tools appropriate for each scale;
- a good knowledge of irrigation design & management and operation of irrigation schemes;
- experience in developing and leading research teams with multiple partners and multiple disciplines from both advanced research institutes and developing countries;
- the ability to independently design and conduct field research, and the overall ability to work in data-scarce environments, generating new datasets;
- strong communication skills in written and oral English and French, including the capacity to write proposals, reports and academic papers, and to communicate research results to stakeholders at different levels; and
- the ability to develop fundable research proposals.

It would be useful if you also had:

- experience of working in, and familiarity with, water management and agricultural development issues in Francophone Africa.

This is an internationally recruited position with a competitive salary and a benefits package that includes a housing allowance, transport, education, shipping assistance, annual home leave, retirement and health insurance. Salary and benefits are paid in US dollars. The employee is responsible for any taxes assessed by his/her country of citizenship and/or country where posted unless otherwise exempted. IWMI's policy is to appoint staff initially on three-year contracts which are subject to renewal, depending on performance and the Institute's needs.

The International Water Management Institute (www.iwmi.org) is an international, non-profit research organization dedicated to providing evidence-based solutions to sustainably manage water and land resources for food security, people's livelihoods and the environment. IWMI is a member of CGIAR, a global research partnership for a food secure future.

IWMI is an equal opportunity employer and is keen to further diversify its staff in terms of both gender and nationality.

Please submit your application online at: www.iwmi.org/jobs

Closing date: December 14, 2014

Complete Application Form + attach your résumé + attach your letter which addresses IWMI's requirements shown above with names and email addresses of 3 professional referees, to be contacted if you are short-listed

Your application will be acknowledged automatically within 24 hours. If not, please email us at work-at-iwmi@cgiar.org