

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) (www.iwmi.org) is looking for a person with a PhD in hydrology, hydrogeology, water resources management or a related discipline, which was awarded not more than 5 years ago. The person should have an in-depth understanding of the concepts of basin water resources management and an in-depth knowledge of basin processes modeling. The position holder will be based at IWMI's Central Asia Office in Tashkent, Uzbekistan, and will report to the Senior Researcher - Hydrogeology and Interim Office Head.

You will:

- conduct research on basin water and salinity management in the Amudarya and Syrdarya river basins;
- conduct research on conjunctive management of surface water and groundwater, and on the quantity and quality of water resources in the Syrdarya River Basin;
- examine alternative water-energy management interventions through data analysis and simulation modeling;
- examine alternative water and salinity management strategies through simulation modeling; and
- prepare journal articles, research reports and conference papers.

You will possess:

- a PhD in hydrology, hydrogeology, water resources management or a related discipline (the PhD should have been awarded not more than 5 years prior to the time of application);
- an in-depth understanding of basin water management;
- an in-depth knowledge of basin processes modeling and strong modeling skills;
- competency in the application of geographic information system (GIS) techniques to basin water management problems;
- modeling skills in using the Water Evaluation and Planning (WEAP) model, HYDRUS, Soil and Water Assessment Tool (SWAT) or MODFLOW;
- a good command of both spoken and written English;
- the ability to effectively establish priorities, and plan, organize, implement and monitor work activities; and
- good interpersonal skills, and the ability to establish and maintain effective working relationships with people in a multicultural environment, with sensitivity and respect for diversity.

It would be useful if you have:

- knowledge of basin water management issues of Central Asia;
- work experience in developing countries;
- knowledge in GIS/RS; and
- a proven record of relevant peer-reviewed articles in international journals, where the applicant is the first author.

This is an internationally recruited position with a competitive salary and benefits package, which includes a housing allowance, transport, education, shipping assistance, annual home leave and health insurance package. Postdoctoral scientists are appointed on fixed two-year contracts.

* Tax-free salary and benefits are paid in US dollars. The employee is responsible for any taxes assessed by their country of citizenship or permanent residence.

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: June 30, 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