

The person and the job:

The International Water Management Institute (IWMI) is looking for a motivated and highly competent individual to fill the position of Researcher - Water Accounting. This is an exciting opportunity to work on a multi-institutional effort (IWMI/UNESCO-IHE Institute for Water Education/Food and Agriculture Organization of the United Nations [FAO]) with a dedicated team to further develop a global water accounting platform. The person will be based at the Southeast Asia regional office of IWMI in Vientiane, Lao PDR, but the work will focus on major river basins throughout Asia and Africa.

The selected candidate will report to Senior Researcher - Remote Sensing & GIS.

You will:

- conduct research on water consumption and production in river basins across Asia and Africa;
- apply geographic information system (GIS) and remote sensing tools, methods and datasets in accounting for water use and productivity;
- develop new remote sensing-driven approaches for measurement of agriculture-relevant hydrological components in river basins;
- incorporate ecosystem service assessments into a water accounting framework; and
- prepare journal articles, research reports and conference papers.

You will possess:

- a PhD in hydrology, water resources management or spatial modeling;
- an in-depth understanding of basin hydrology and basin processes modeling;
- knowledge of various indicators and metrics used for monitoring the environmental condition of basins;
- experience in the derivation of water balance components and water productivity from remote sensing
- knowledge of remote-sensing driven approaches for the measurement of agriculture-relevant hydrological components at the basin scale;
- competency in the application of GIS and remote sensing techniques to hydrological problems;
- strong analytical and numerical skills;
- the ability to process large hydrological and spatial datasets;
- independent and critical scientific thought;
- a good command of both oral and written English;
- a strong publication record;
- 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.

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, retirement and health insurance package. 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: February 15, 2015

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