

The Person and the Job:

The International Water Management Institute (IWMI) is looking for a truly outstanding economist to work with us as a postdoctoral fellow to explore the potential impacts of India's water future on the country's agriculture and economy. Working with a set of senior scientists, the incumbent will develop a quantitative understanding of the availability and use of surface water and groundwater irrigation, associated policies and the potential for agricultural production across Indian regions. The incumbent will use econometric tools along with hydro-economic models to translate that understanding into an assessment of the supply, demand and trade implications of technical and policy scenarios related to alternative water futures. Regional variations in cropping systems and the availability of surface water and groundwater, as well as a practical framing of the institutional constraints and policy options facing Indian decision makers, are likely to be important aspects of this work.

The position will allow the incumbent exceptional opportunities for growth. The selected candidate will spend approximately half of their time at the headquarters of IWMI in Pelawatte, Battaramulla, Sri Lanka, or at the Institute's regional office in New Delhi, India. During the other half, the incumbent will be based in Washington, DC, working with the Market and Trade Economics Division of the United States Department of Agriculture's (USDA's) Economic Research Service. In this way, the candidate will receive mentoring support from a range of Indian experts, hydrologists and economists. The incumbent will report to the Leader of IWMI's research theme on Water and Society.

You will:

- possess understanding of the literature on agricultural and water policy issues in India;
- conduct appropriate econometric and economic simulation analyses on the relationships between irrigation water availability, policies and agricultural outcomes in India;
- work with modelers at IWMI and USDA to apply existing hydro-economic models to the context of India, or develop new tools for conducting the analysis;
- co-author journal articles to indicate scientific rigor, and also disseminate findings through non-technical channels to help promote change; and
- work within multi-disciplinary teams including hydrologists, agricultural scientists and economists.

You must possess:

- a PhD or equivalent in economics or a closely related discipline;
- strong econometric and economic modeling skills;
- ability to work in a team with people from different cultural and professional backgrounds;
- strong analytical skills and a learning attitude;
- strong written and oral communication skills; and
- willingness to travel.

It would be useful if you have:

- knowledge of Indian agriculture and water issues;
- knowledge of hydrology; and
- experience with hydro-economic models

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.

Review of applications will begin on **November 30, 2012**, and continue until the position is filled.

The International Water Management Institute (www.iwmi.org) is an international, non-profit research organization dedicated to improving the management of land and water resources for food, livelihoods and the environment. IWMI is a member of CGIAR, an international consortium of agricultural research centers.

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

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