

## **Science Advisor, Irrigation and Water**

**Official Position Title:** Agricultural Development Officer, Backstop 10, FSL-0401-03

**Functional Title:** Science Advisor, Irrigation and Water

**Location of Position:** U.S. Agency for International Development, Bureau for Food Security, Office of Agriculture Research and Policy, Research Division

**Position Grade:** FSL-03

**Salary Range:** US\$84,095 - US\$123,497

**Position Closing Date:** Dec 19, 2016, 11:59 PM, EST

**Description of the Bureau:** The USAID Bureau for Food Security (BFS) leads coordination and implementation of Feed the Future, the U.S. Government's global hunger and food security initiative. BFS brings together programmatic, technical, and regional expertise from throughout USAID to assist 19 Feed the Future focus countries and additional aligned countries and regional programs with strategic design, implementation and monitoring and evaluation. BFS coordinates Feed the Future's 10 additional U.S. Government partner agencies and departments, most recently on development and implementation of the new U.S. Government [Global Food Security Strategy](#). This strategy, delivered to Congress as a requirement of the Global Food Security Act of 2016, charts how U.S. Government partners will support developing countries over the next five years to achieve lasting progress in food security and nutrition.

**Description of Office or Team:** The Office of Agricultural Research and Policy (BFS/ARP) provides guidance and technical support in the design and implementation of programs in agricultural research, and capacity development and policy. These programs aim to improve agricultural productivity, increase incomes and enhance household nutrition through focused research on the development and dissemination of improved agricultural technologies and best practices, the implementation of enhanced agricultural policies, and targeted human and institutional capacity building. BFS/ARP engages and leverages research, technologies and knowledge from U.S. universities, international research centers, the private sector and host-country agricultural research and educational institutions. The Research Division leads the implementation of the Feed the Future Research Strategy.

**Description of Position:** The Science Advisor, Irrigation and Fisheries, will serve as the bureau's specialist on research related to water management, smallholder irrigation, and natural resource management (NRM) and geographic mapping, providing leadership in developing relevant technical support strategies, expertise and professional judgment in selection of interventions and subsequent programming, budgeting, implementation and evaluation of NRM programming. S/he will be responsible for managing and monitoring of agricultural and natural research and development projects focused on natural resource management including the Feed the Future Innovation Lab for Small-Scale Irrigation, the Cereal Systems Initiative for South Asia (CSISA), and other related activities which may be developed in the future.

**Description of Key Duties:**

- Manage, review and monitor agricultural research and development projects related to water and irrigation.
- Develop technically and legally sound agreements and manage technical, fiscal, and policy aspects of programs and projects to ensure success.
- Assist the Program Area Lead for the Research Program area on Sustainable Intensification and work with other USAID scientific and regional experts to identify the key issues and problem areas constraining NRM, water management and use of irrigation.
- Provide technical advice to BFS/ARP and the Agency at large on issues related to natural resource management particularly on water management and small-scale irrigation.
- Represent USAID at governmental, intergovernmental, private sector, and joint meetings concerned with needed research, and more effective application of scientific findings, to increase NRM practices, water management and use of smallholder irrigation for agricultural systems.

#### **Qualifications Required:**

- Educational requirement:
  - A. **Degree:** biological sciences, agriculture, natural resource management, chemistry, or related disciplines appropriate to the position; OR
  - B. **Combination of education and experience:** Courses equivalent to a major, as shown in A above, plus appropriate experience or additional education.
- Mastery of advanced theories, concepts, principles, and practices of scientific field related to NRM, water/irrigation management, and geography.
- Mastery level knowledge of conservation agriculture and natural resources management research sufficient to critically evaluate the efficiency and effectiveness of international programs.
- Knowledge of the use of geospatial information systems in organizing and coordinating research investments in NRM.
- Expert knowledge of, and skill in, international program management including knowledge of standard U.S. government administrative procedures to analyze, evaluate, and organize program and financial information and a general knowledge of the organization and goals of USAID.
- Expert knowledge and experience in the development, review and implementation of agricultural technology dissemination projects, particularly related to water management and irrigation innovations and strategies.
- Strong oral and written communication skills in order to formulate and negotiate sensitive positions within a complex environment and present complex scientific information to an educated, but not necessarily scientifically knowledgeable, audience and compose clearly stated technical documents from notes, scientific documents and general discussions.
- Knowledge of developing countries gained by residential work experience of overseas or repeated short-term work.

**Application Instructions:** Please send detailed CV and cover letter to [bfsjobs@usaid.gov](mailto:bfsjobs@usaid.gov) with the position's title in the subject line by position closing date listed above.

For more information: <https://feedthefuture.gov/lp/opportunities-join-feed-future-team>