

Job ID:	Location	Closing Date
HQ01276	Bangladesh	04-Mar-2022

About IRRI

The International Rice Research Institute (IRRI) is dedicated to reducing poverty and hunger through rice science; improving the health and welfare of rice farmers and consumers; and protecting the rice-growing environment for future generations. IRRI is an independent, nonprofit, research and educational institute, founded in 1960 by the Ford and Rockefeller foundations with support from the Philippine government. The institute, headquartered in Los Baños, Philippines, has offices in 17 rice-growing countries in Asia and Africa, and over 1,000 staff.

Working with in-country partners, IRRI develops advanced rice varieties that yield more grain and better withstand pests and disease as well as flooding, drought, and other harmful effects of climate change.

Job Purpose

SPIA is recruiting a field-based postdoctoral fellow, hosted by IRRI, to support activities in Bangladesh focused on the collection of data on the diffusion and adoption of CGIAR-related innovations. The fellow will join a global, virtual team comprising members hosted by CGIAR centers in Uganda, Ethiopia, Vietnam, Italy, France and the United States.

SPIA and the World Bank LSMS-ISA (<http://surveys.worldbank.org/lsms/programs/integrated-surveys-agriculture-ISA>) are partnering to improve our understanding of the diffusion and adoption of agricultural innovations. We are building on several years of collaboration in both Ethiopia and Uganda to test and then integrate innovative approaches to data collection. These approaches are then mainstreamed into nationally representative surveys through our partnerships with the Ethiopian Central Statistics Agency and Ugandan Bureau of Statistics. In the past year, SPIA have also partnered with Vietnam's General Statistical Organization towards the same goal.

The fellow will have an administrative reporting line locally to the IRRI Country Representative in Bangladesh but will report to SPIA Senior Researcher based in USA for the technical details of their work program.

The fellow is expected to work closely with CGIAR researchers in Bangladesh, as well as partner agencies (e.g. World Bank, Bangladesh Bureau of Statistics, etc) as well as SPIA's academic Chair based in Paris. We are looking to make a 2-year appointment, with the possibility of extension dependent on funding and performance.

The postdoctoral fellow should play a leadership / coordination role for the SPIA research agenda in Bangladesh.

For interested applicants, please send your CV and cover letter in English to spia@cgiar.org.

Start Date (negotiable): 1 July 2022

Roles and Responsibilities

- Exploring potential partnerships within government / NGO / research sectors for large-scale data collection and/or integration with existing well-institutionalized panel surveys
- Developing and piloting data collection instruments for collection of a range of variables at either plot, household, community or landscape level

- Design and implementation of data collection experiments involving the sampling of soil, water or crop samples alongside socioeconomic variables
 - Data analysis and report writing based on fieldwork
 - Contributing sections to working papers, academic articles or fieldwork manuals
 - Liaising with SPIA's academic panel members in the design and direction of specific research projects
 - Participating in virtual weekly team meetings with the SPIA National Data Systems team (colleagues in Uganda, Ethiopia, Vietnam, Italy, France and the United States)
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Qualifications

- PhD in Economics (especially Development, Agricultural or Environmental Economics focus), or a related social science field, preferably with a concentration in impact evaluation and/or applied micro-econometrics
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Skills Required

- Candidates familiar with GIS, remote sensing, geospatial methods and/or machine learning methods are valued
- Qualitative data collection / analysis skills are valued
- Experience supervising students / enumerators / research assistants (desirable)
- Previous fieldwork experience (essential), preferably in Bangladesh
- Excellent written English (essential), and good communication skills in Bengali (desirable)
- An interest in agriculture in developing countries, including agricultural innovations
- Strong quantitative skills in STATA and/or R, including experience with data analysis and econometrics

Please note only shortlisted candidates will be contacted.

IRRI reserves the right not to make an appointment.
