



Issued on: 7 August 2017

Deadline For Application: 30 September 2017

JOB TITLE: Econometric analysis specialist

TYPE OF CONTRACT: Consultant / PSA

DUTY STATION: Rome, Italy

ORGANIZATIONAL UNIT: AGRICULTURAL DEVELOPMENT ECONOMIC DIVISION
(ESA)

DURATION: 11 months (with possibility of extension)

FAO seeks gender, geographical and linguistic diversity in its staff and international consultants in order to best serve FAO Members in all regions.

Qualified female applicants and qualified nationals of non-and under-represented member countries are encouraged to apply.

Persons with disabilities are equally encouraged to apply.

All applications will be treated with the strictest confidence.

Organizational Setting

The Economic and Policy Innovations for Climate Smart Agriculture (EPIC) team conducts policy oriented socio-economic analysis of agricultural practices and farm systems in order to assist countries to identify and prioritize actions to achieve food security, resilience, and, where feasible, mitigation benefits in the context of climate change. Analytical outputs are combined with institutional assessments and capacity building activities to help strengthen policy and investment strategies to enable countries to access and utilize climate financing sources for agricultural sector investments.

Recently EPIC program initiated a new project to strengthen the integrated adaptation planning and implementation of good practices in Malawi, Mozambique, Zambia, and Sri Lanka. The specific objectives of the project are to: improve national capacities to use analytical techniques to assess risks, vulnerabilities and impacts of climate variability, including climate extremes and change in agriculture; enhance countries' capacities to develop policies and financing for climate smart agriculture; facilitate upscaling and implementation of climate change adaptation practices in agriculture and fisheries; and strengthen country capacities to replicate good practices and access climate financing.

Technical Focus

Econometric analysis of household survey data, including LSMS-IHS data, combined with georeferenced weather, land cover change, and soil quality data.

Tasks and responsibilities

Under the overall supervision of the Director, ESA, and the direct supervision of the Programme Coordinator, the incumbent will:

- Lead on stocktaking of available primary and secondary data and available literature on CSA potential in selected project countries;
- Construct a standardized database for selected project countries (using the recent LSMS panel data as well as survey data from other sources). Details about what kind of database to construct will be decided upon in close collaboration with the supervisor;
- Develop innovative, theoretically sound and empirically rigorous econometric strategies for understanding farm behaviour change in the context of climate change;
- Conduct policy relevant analyses, using cross sectional and panel farm household survey data on the determinants of farm behaviour. Econometrically estimating the effect of institutions and public policy on observed farm-level outcomes is of particular interest;
- Contribute to drafting reports/working papers and to disseminating results;
- Contribute to other duties as required

CANDIDATES WILL BE ASSESSED AGAINST THE FOLLOWING

Minimum Requirements

- PhD in Economics, Agricultural Economics, Resource Economics, Development Economics or related fields.
- Four years of relevant experience (two years with PhD) in topics listed above and performing similar functions as those listed in the terms of reference.
- Working knowledge of English. Knowledge of French or Spanish is an advantage.

FAO Core Competencies

- Results Focus
- Teamwork
- Communication
- Building Effective Relationships
- Knowledge Sharing and Continuous Improvement

Technical/Functional Skills

- Ability to work independently and provide intellectual leadership on research activities
- Professional knowledge of and practical experience in using Stata software is essential.
- Demonstrated skill and experience using economic techniques with a focus on agricultural development and/or climate change related topics
- Work experience in Africa or Asia preferred.
- Depth of English language skills: full fluency in written English is indispensable; working knowledge of French or Spanish is an advantage.

Please note that all candidates should adhere to *FAO Values of Commitment to FAO, Respect for All and Integrity and Transparency*.

ADDITIONAL INFORMATION

- All applications will be reviewed and qualified applicants will be contacted for interviews.
- FAO does not charge a fee at any stage of the recruitment process (application, interview meeting, processing).
- Incomplete applications will not be considered. If you need help, or have queries, please contact: iRecruitment@fao.org
- Applications received after the closing date will not be accepted.
- Only language proficiency certificates from UN accredited external providers and/or FAO language official examinations (LPE, ILE, LRT) will be accepted as proof of the level of knowledge of languages indicated in the online applications.
- For other issues, visit the FAO employment website: <http://www.fao.org/employment/home/en/>

HOW TO APPLY

To apply, visit the iRecruitment website at <http://www.fao.org/employment/irecruitment-access/en/> and complete your online profile. Only applications received through iRecruitment will be considered.

Candidates are requested to attach a letter of motivation to the online profile.

Vacancies will be removed from iRecruitment at 23:59 Central European Time (CET) on the deadline for applications date. We encourage applicants to submit the application well before the deadline date.

If you need help, or have queries, please contact: iRecruitment@fao.org

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