



**Food and Agriculture Organization
of the United Nations**

CALL FOR EXPRESSIONS OF INTEREST

Title: International Consultant on Rapid Crop Damage Assessment

Contract duration: 22 days (15 days on mission, 7 days desk work)

Vacancy No. IRC3883

Deadline for Applications: 28 February 2017

Duty station: Manila, Philippines

Tasks and responsibilities:

Under the overall supervision of the FAO Representative, the technical supervision of the Knowledge and Information Management Officer and the Lead Technical Officer (LTO – FAO Headquarters), and in close collaboration with the Disaster Risk Reduction (DRR)/Climate Change Specialist (FAO, Philippines), the international consultant will undertake the following duties:

- Review Project objectives, the conceptual framework of Enhanced Production and Risk Management in Agriculture Decision Support System (EPRiMA DSS) and the Project capacity building component;
- Assess the skills of the project specialists, Department of Agriculture (DA) Remote Sensing and Geographical Information System (RSGIS) (staff, and dissemination group on rapid crop damage assessment and DSS);
- Develop the rapid crop damage assessment system for the Philippines using a combination of satellite imagery and unmanned aerial vehicle (UAV) (spell out pls.) imagery analyses and tools, post-disaster needs assessment (PDNA) data and municipal agricultural office estimates;
- Provide guidance on the interpretation and analysis of the results of the remote sensing imagery used that will be integrated in the system;
- Provide guidance on the application and use of new rapid crop damage system developed, including tools introduced;
- Assist the Senior National RSGIS Consultant in developing a customized training module which will develop technical skills of the project specialists and regional field officers on the use and application of rapid crop damage assessment system;
- Assist the National Agriculture ICT Consultant and Knowledge and Information Management Officer (RAP-TSS) in designing and developing the EPRiMA DSS data infrastructure and system;
- Using the crop production and management and risk assessment data for the Project, ensure that one of the training outputs contributes to the online DSS platform of EPRiMA; and
- Review the DSS platform, ensure that dynamic cropping calendar sufficiently addresses the objectives of the DSS, and advice on further improvements.

Candidates should meet the following requirements:

Minimum Requirements

Education: Advance university degree in agriculture engineering and sciences, geography, disaster risk reduction and management, statistics, urban and regional planning, and other related fields.

Work Experience and Knowledge: At least 10 years of relevant experience in post-disaster agriculture damage assessment and the application of RSGIS on DRRM.

Language: Working knowledge (Level C) of English

Additional Information

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

All candidates should adhere to FAO values of Commitment to FAO, Respect for All and Integrity and Transparency.

How to apply

All applications are to be made through FAO's [iRecruitment](#) system. Click on the link below to access [iRecruitment](#), complete your online profile and apply for this Call for Expression of Interest.

<http://www.fao.org/employment/irecruitment-access/en/>

In order for your application to be properly evaluated, please ensure that all sections of your iRecruitment account are completed. Incomplete applications will not be evaluated.

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