



Issued on: 19 October 2017

Deadline For Application: 30 November 2017

JOB TITLE: GEOSPATIAL CONSULTANT

TYPE OF CONTRACT: CONSULTANT

DUTY STATION: ROME

ORGANIZATIONAL UNIT: FOA

DURATION: 6-11 months

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 Forest Policy and Resources Division leads FAO's work in promoting sustainable forest management and providing leadership on the environmental, social and economic dimensions of forestry, including its contributions to poverty reduction and food security and nutrition. It liaises with member countries, civil society and the private sector in aspects ranging from development of effective forest policies to forest conservation and management issues, and strengthens the role of forests in climate change mitigation and adaptation. The Division also collects, analyses and disseminates information on the world's forest resources and on the production, trade and consumption of wood and non-wood forest products.

The post is located in the Global Forest Resources Assessment Team (FRA), FOA.

The FRA team has recently initiated the FRA 2020 assessment. An important component of this assessment is to assist selected countries to generate better information about their forest resources using Geographical Information Systems and Remote Sensing (RS) data and tools. This will be achieved through a series of capacity development workshops in selected countries, as well as remote-sensing based desk studies for non-reporting countries and territories.

Reporting Lines

The geospatial consultant will work under the overall supervision of the Director, Forestry Policy and Assessment Division (FOA), technical supervision of the FRA Team Leader and in close collaboration with the FRA Team and remote sensing specialist in other units in FAO. The consultant should liaise with DDN to ensure that corporate geospatial standards are followed.

Technical Focus

Provision of technical advice or expertise for: (i) compilation and analysis of remote sensing data for FRA 2020; (ii) remote sensing capacity development workshops in selected countries; and (iii) support the FRA team with report preparation and data analysis.

Tasks and responsibilities

❖ **Compilation and analysis of remote sensing data for FRA 2020**

- Collect and analyse RS data for FRA 2020 desk studies
- Support the development of hybrid land cover maps from global RS products
- Support collection and analysis of RS data for the FRA Remote Sensing Survey
- Collect and compile feedback on FRA RS products from FRA National Correspondents/national RS focal points
- Support other FRA RS activities as required

❖ **Capacity Development**

- Support the organization of the RS capacity development (CD) workshops and carry out training activities in selected countries
- Support the preparation, review and translation of manuals, tutorials and other training material for the FRA RS work

❖ **Other support the FRA team**

- Support the organization of global/regional/national meetings and workshops
- Produce content for FRA Website (texts, maps, figures), documents and communication materials as requested
- Assist the FRA Team with the preparation of ready-made slides/presentations related to the FRA Programme
- Perform other related duties as required.

CANDIDATES WILL BE ASSESSED AGAINST THE FOLLOWING

Minimum Requirements

- Advanced university degree in Forestry, Environmental Sciences, Geography, Agricultural Sciences

- Minimum 1 years of relevant experience in research, compilation and analysis of remote sensing and field data in corporate environment and/or international NGOs
- Working knowledge of English, French or Spanish and limited knowledge of one of the other two or Arabic, Chinese, Russian.

FAO Core Competencies

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

Technical/Functional Skills

- Extent and relevance of work experience in:
 - Applying GIS and remote sensing for forest and land cover/land use assessments;
 - Using Google Earth Engine, QGIS, R, Open Foris;
 - RS capacity development of national and international experts.
- Familiarity with different satellite imagery products and their processing
- Relevance of experience in different geographical areas
- Familiarity with the Global Forest Resources Assessment process
- Ability to operate effectively in a team, contributing positively to team operations and working relationships
- Sound oral and written communication skills in at least two UN languages
- Ability to work under pressure and availability to travel to developing or transition countries.

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

ADDITIONAL INFORMATION

- Shortlisted 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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