



Food and Agriculture Organization of the United Nations

## Vacancy Announcement No: IRC3835

**Issued on:** 24 January 2017

**Deadline For Application:** 14 February 2017

<b>Position Title:</b>	Technical Officer (Sterile Insect Technique (SIT) Entomology Specialist)	<b>Grade Level:</b>	P-4
<b>Organizational Unit:</b>	Joint FAO/IAEA Division, AGEDD	<b>Duty Station:</b>	Austria, Vienna
		<b>Duration *:</b>	Fixed term: two years with possibility of extension
		<b>Post Number:</b>	0054976
		<b>CCOG Code:</b>	1H02

The length of appointment for internal FAO candidates will be established in accordance with applicable policies pertaining to the extension of appointments

**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.**

**The incumbent may be re-assigned to different activities and/or duty stations depending on the evolving needs of the Organization.**

### Organizational Setting

The Joint FAO/IAEA Division of Nuclear Techniques in Food and Agriculture assists Member States of the Food and Agriculture Organization of the United Nations (FAO) and the International Atomic Energy Agency (IAEA) in using nuclear techniques and related technologies to improve food security, alleviate poverty and promote sustainable agriculture. The Joint FAO/IAEA Division consists of five Sections, each with an associated laboratory (located in Seibersdorf), in the areas of: animal production and health; plant breeding and genetics; insect pest control; soil and water management and crop nutrition; and food and environmental protection. The Insect Pest Control Section and Insect Pest Control Laboratory assist Member States with the development, dissemination and transfer of sterile insect and related environmentally friendly technologies for the area-wide integrated suppression, containment or eradication of major insect pests affecting crops, livestock and human health.

### Reporting Lines

The Technical Officer reports to the Head of the Insect Pest Control Section of the Joint FAO/IAEA Division (AGE)

### Technical Focus

As a member of a team led by the Head of the Insect Pest Control Section, the Entomologist provides expertise and services in the field of plant insect pests affecting crops in the context of helping Member States in the planning, development and application of Area-Wide Integrated Pest Management (AW-IPM) programmes integrating the Sterile Insect Technique (SIT) and related technologies with other suppression methods

### Key Results

Technical and policy expertise to support Coordinated Research Projects (CRPs), national, regional and interregional TC projects under the IAEA Technical Cooperation Programme, technology development and transfer, and normative activities related to the area-wide integrated management of key insect pests

### Key Functions

- Plans and leads components of multi-disciplinary teams, leads and/or participates on Organization-wide, cross-Departmental committees, project teams, and working groups and/or provides specialized expertise on technical networks and/or international technical policy and/or international technical policy and standard setting bodies.
- Develops technical, analysis, assessment, monitoring and/or reporting frameworks, and related methodologies, tools, systems and databases etc. to support the planning, implementation/delivery and monitoring of programmes of work, projects, products and/or services.
- Designs and conducts research, data collection, validation, analysis and/or reporting activities to support the development of technical standards, international instruments, innovative cross-sector approaches, new tools, technologies, technical reports/publications, and/or policy proposals as well as the provision of technical/policy/ specialist/advice and expertise.
- Responds to Member Country requests for technical and/or policy assistance, provides technical advice, assistance and solutions to Decentralized Offices and provides technical backstopping to field projects.
- Collaborates in, provides technical backstopping to and ensures the quality / effectiveness of capacity development and knowledge sharing activities within member countries such as policy support, organizational development and individual learning events including preparation of related information, learning materials, on-line tools.
- Promotes international cooperation/advocates best practices, increased policy dialogue and provides technical expertise at international/intergovernmental meetings.
- Participates in resource mobilization activities in accordance with the FAO Corporate strategy.

## Specific Functions

- Provides managerial, technical, policy and economic advice to FAO and IAEA Member States in support of all aspects of SIT planning and application and its integration with other insect pest control methods to address food security and environmental contamination in developing countries;
- Transfers technology and develop technical capacity of Member States by organizing and lecturing at training courses, workshops and other national, regional and international meetings;
- Contributes to policy development, priority setting and other normative and regulatory activities in the field of insect pest control, through the design and conduct of analytical studies and cost-benefit assessments, by participating in advisory committees and task forces, and providing technical input to the policy and standards development of regional and international bodies;
- Ensure the visibility and impact of the activities of the Insect Pest Control Section by analysing, synthesizing and disseminating data through public information channels, newsletters, preparing and editing technical manuals, guidelines and training materials, and developing and maintaining information systems, web pages and databases.
- Plans, manage, implement and evaluate coordinated research projects aimed at improving the area-wide application of SIT and other biological control methods, and publish results in relevant scientific publications.
- Keeps track of relevant research and technical developments, assessing their usefulness to support and improve on-going and future activities leading to more sustainable development in Member States. Suggest innovative R-D approaches, in direct conjunction with activities at the Insect Pest Control Laboratory.
- Provides technical and related management support and advice to Technical Cooperation projects on plant insect pests damaging crops and reducing their quality and value.

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## CANDIDATES WILL BE ASSESSED AGAINST THE FOLLOWING

### Minimum Requirements

- Advanced university degree in entomology or plant protection
- Seven years of relevant experience in the area-wide management of pest insect and the application of the sterile insect technique
- Working knowledge of English, French or Spanish and limited knowledge of one of the other two or Arabic, Chinese, Russian

### Competencies

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

### Technical/Functional Skills

- Work experience in more than one location or area of work, particularly in field positions is desirable.
- An in-depth knowledge of and practical experience with the principles and practice of the SIT and related technologies (biological control, inherited sterility, etc.) and area-wide integrated approaches to insect pest management.
- Proven ability to manage operational AW-IPM programmes with an SIT component.
- Demonstrated ability to plan and evaluate sterile-fly releases and entomological monitoring operations, including the use of GIS techniques.
- A thorough technical and entomological knowledge of the role of insect behaviour, insect quality management, pest insect and host interactions, genetics and radiation for the application of genetic methods for insect pest control.
- Ability to carry out economic assessments, feasibility studies and cost-benefit analyses in the context of AW-IPM;
- An understanding and up-to-date technical knowledge of new and upcoming technologies relevant to the improvement of the application of genetic pest control methods in sustainable agriculture development.
- Ability to mobilise funds.

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

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### ADDITIONAL INFORMATION

- All candidates should possess computer/word processing skills
- Your application will be screened based on the information provided in your iRecruitment online profile (see "How to Apply"). We strongly recommend that you ensure that the information is accurate and complete including employment record, academic qualifications and language skills

- Please note that FAO will only consider academic credentials or degrees obtained from an educational institution recognised in the IAU/UNESCO list
- Other similar positions at the same level may be filled from this vacancy notice and the endorsed candidates will be considered for the Employment Roster for a period of 2 years
- Candidates may be requested to provide performance assessments
- The incumbent may be re-assigned to different activities and/or duty stations depending on the evolving needs of the Organization.

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## REMUNERATION

A competitive compensation and benefits package is offered. For information on UN salaries, allowances and benefits, click on the following link: [http://www.un.org/Depts/OHRM/salaries\\_allowances/salary.htm](http://www.un.org/Depts/OHRM/salaries_allowances/salary.htm)

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## 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](mailto:iRecruitment@fao.org)

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