



# **VIRTUAL Regional Training Course on SIT components: Methods for Mass-Rearing and Irradiation of *Aedes* mosquitoes (Module I)**

**Hosted by**

The International Atomic Energy Agency  
IAEA Headquarters  
Vienna, Austria

**15 to 18 June 2021**

**Ref. No.:** TN-RLA5083-2101460

## **Information Sheet**

### **Purpose**

The purpose of the event is to (i) provide technical support for the participating Member States on mosquito rearing and irradiation of sterile male *Aedes* spp, as keys components of the SIT package; (ii) review and discuss mosquito rearing and irradiation protocols, and discuss relevant information in the form of presentations and learning materials provided by the IAEA, and the experts; (iii) harmonise procedures to mosquito rearing and irradiation in SIT pilot trials at the regional level, and (iv) strengthen regional networking, co-ordination, and information exchange.

### **Working Language(s)**

The working language(s) of the event will be English.

## **Deadline for Nominations**

Nominations received after **13 May 2021** will not be considered.

## **Project Background**

The IAEA Technical Cooperation project RLA5083 “Enhancing Capacity for the Use of the Sterile Insect Technique as a component of mosquito control” aims to build capacity in the Latin America and Caribbean Region for the use of SIT to suppress *Aedes aegypti* mosquito vector populations.

In this context, the project’s target is to provide technical support for participating Member States to develop capacities in mosquito monitoring; field entomological baseline data collection; mass-rearing and quality control, irradiation, handling, transporting, and releasing methods of sterile male *Aedes* spp, as components of the SIT package to control mosquito vectors of diseases such as dengue, chikungunya and Zika in the Latin America and Caribbean region.

## **Scope and Nature**

The Expected outcomes of the training are: enhance and develop knowledge, skills, and capability on strains colonization, mass-rearing, and irradiation procedures of *Aedes* mosquitoes, as components of the SIT package, targeting *Aedes* species.

## **Participation**

The course will be offered for all RLA5083 participating Member States willing to carry out a SIT pilot trial and validate the SIT’s package feasibility for *Aedes* mosquitoes’ control in their local conditions.

## **Participants’ Qualifications and Experience**

The course is open to:

- Entomologists directly involved in the practical aspects of SIT projects (i.e., mosquito rearing and irradiation, quality control);
- Technical staff involved in mosquito rearing and irradiation activities.

## Application Procedure

Candidates wishing to apply for this event should follow the steps below:

1. Access the InTouch+ home page (<https://intouchplus.iaea.org>) using the candidate's existing Nucleus username and password. If the candidate is not a registered Nucleus user, she/he must create a Nucleus account (<https://websso.iaea.org/IM/UserRegistrationPage.aspx>) before proceeding with the event application process below.
  
2. On the InTouch + platform, the candidate must:
  - a. Finalize or update her/his personal details, provide sufficient information to establish the required qualifications regarding education, language skills and work experience ('Profile' tab) and upload relevant supporting documents;
  - b. Search for the relevant technical cooperation event (EVT2101460) under the 'My Eligible Events' tab, answer the mandatory questions and lastly submit the application to the required authority.

**NOTE:** Completed applications need to be approved by the relevant national authority, i.e. the National Liaison Office, and submitted to the IAEA through the established official channels by the provided designation deadline.

For additional support on how to apply for an event, please refer to the [InTouch+ Help page](#). Any issues or queries related to InTouch+ can be addressed to [InTouchPlus.Contact-Point@iaea.org](mailto:InTouchPlus.Contact-Point@iaea.org).

Should online application submission not be possible, candidates may download the nomination form for the training course from the [IAEA website](#).

**NOTE:** A medical certificate signed by a registered medical practitioner dated not more than four months prior to starting date of the event must be submitted by candidates when applying for a) events with a duration exceeding one month, and/or b) all candidates over the age of 65 regardless of the event duration.

## Administrative and Financial Arrangements

Nominating authorities will be informed in due course of the names of the candidates who have been selected and will at that time be informed of the procedure to be followed with regard to administrative matters.

Selected participants who indicate their need, will receive financial support to cover their costs for internet connection for the duration of the event in line with IAEA rules and procedures.

## **Disclaimer of Liability**

The organizers of the event do not accept liability for the payment of any cost or compensation that may arise from damage to or loss of personal property, or from illness, injury, disability or death of a participant while he/she is travelling to and from or attending the course, and it is clearly understood that each Government, in approving his/her participation, undertakes responsibility for such coverage. Governments would be well advised to take out insurance against these risks.

## **Note for female participants**

Any woman engaged by the IAEA for work or training should notify the IAEA on becoming aware that she is pregnant.

The Board of Governors of the IAEA approved new International Basic Safety Standards for Protection against Ionizing Radiation and for the Safety of Radiation Sources. The Standards deal specifically with the occupational exposure conditions of female workers by requiring, inter alia, that a female worker should, on becoming aware that she is pregnant, notify her employer in order that her working conditions may be modified, if necessary. This notification shall not be considered a reason to exclude her from work; however, her working conditions, with respect to occupational exposure shall be adapted with a view to ensuring that her embryo or foetus be afforded the same broad level of protection as required for members of the public.

## **IAEA Contacts**

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