



Regional Training Course on Dose Assessment for Public, Environment and Data Interpretation Using Monitoring Data for Different Exposure Situation

Hosted by

The Government of Bosnia and Herzegovina

through the

State Regulatory Agency for Radiation and Nuclear Safety

Sarajevo, Bosnia and Herzegovina

2 to 6 December 2024

Ref. No.: TN-RER7014-2403157

Information Sheet

Purpose

The purpose of the event is to train the participants on dose assessment for the public and the environment for different exposure situations, including through the application of models and making best use of data from the environmental monitoring programmes in place in the participating Member States.

Working Language(s)

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

Deadline for Nominations

Nominations received after **4 October 2024** will not be considered.

Project Background

The project RER7014 “Improving Environmental Monitoring and Assessment for Radiation Protection in the Region” is aimed at contributing towards the enhancement of regional cooperation in the application of environmental monitoring programmes to improve radiological safety of public and the environment by efficiently demonstrating radiological protection in the region for different exposure situations. The current project includes set of activities for enhancing the capacities for planning, implementation, and harmonization of monitoring programmes for different exposure situations, both from the perspective of regulation and application of technology.

The assessment of radiation exposures from sources of radionuclides in the environment is required by international recommendations, requirements in the IAEA Safety Standards and in the EU regulations. The project has been focussed on improving the monitoring capabilities to measure levels of radionuclides in the environment so that doses to the public and environment can be assessed for different exposure situations. The interpretation of measurement data is important in determining its use as part of the assessment of radiation exposures to the public and the environment. This training course on the assessment of doses using the monitoring data available for different exposure situations has been identified of interest for the Member States in the region within the regional project.

Scope and Nature

The event will include lectures, presentations for exchanging of experiences, practical desk activities, Q&A and discussion sessions, including on:

- Recommendations and requirements for radiological and environmental assessment of radiation doses in the IAEA Safety Standards and EU regulations
- Elements of the assessment of radiation doses for different exposure situations and data needs
- Monitoring data interpretation for use in radiation dose assessment

Exercises using monitoring data for assessing doses to the public and flora and fauna

Expected Outputs

As a result of the training activity, it is expected that the participants will have an increased understanding of the requirements for assessment of radiation dose to the public and environment for various sources of radionuclides in the environment in different exposure situations. The participants will increase their knowledge necessary to best use data from environmental monitoring programmes for radiological impact assessment, including how the environmental monitoring data and the results obtained need to be interpreted.

Radiation exposure may occur?

This event will not involve occupational exposure to radiation.

Participation

The workshop is open to a maximum two (2) participants from each of the participating Member States of the IAEA RER7014 TC project.

Due to practical limitations, the number of participants will be limited to a maximum of **30**.

Participants are expected to have an understanding of the difference sources (or potential sources) of exposure in their countries, be prepared to provide detailed information of the national environmental monitoring programme(s) in their country and of the national environmental monitoring data currently available.

Participants should bring with them some recent environmental monitoring data that can be used during practical exercises during the training course. Further details will be supplied before the training course.

Participants' Qualifications and Experience

Nominated candidates should be RER7014 project designated counterparts, who are expected to be professionals from governmental technical support organisations, regulatory bodies and others governmental agencies appointed for development of environmental monitoring strategies, including sampling, analytical measurements of radionuclides in environmental media, interpretation and communication of monitoring data in relation to planned, existing or emergency exposure situations.

The regional workshop will be conducted in English language. Thus, candidates should have sufficient English-language proficiency to be able to actively participate in all planned 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. Download and complete the [Designation of Beneficiary and Emergency Contact Form](#), and upload to InTouch+ ('Profile' tab under the personal section) specifying the document name. If already provided, kindly discard this step; and
 - c. Search for the relevant technical cooperation event (**EVT2403157**) 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.

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 and financial matters.

Selected participants will receive an allowance from the IAEA sufficient to cover their costs of lodging, daily subsistence and miscellaneous expenses. They will also receive either a round-trip air ticket based on the most direct and economical route between the airport nearest their residence and the airport nearest the duty station through the IAEA's travel agency AX Travel Management, or a travel allowance, or they will be reimbursed travel by car/bus/train in accordance with IAEA rules for non-staff travel.

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.

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