



Virtual Regional Workshop on Occupational Radiation Protection in Industrial Processes Involving Naturally Occurring Radioactive Material (NORM)

Hosted by

The International Atomic Energy Agency
IAEA Headquarters
Vienna, Austria

1 to 5 November 2021

Ref. No.: ME-RER9155-2104157

Information Sheet

Purpose

The purpose of the virtual workshop is to provide a comprehensive overview of occupational radiation protection in industrial processes involving Naturally Occurring Radioactive Material (NORM) in line with the International Basic Safety Standards (GSR Part 3) requirement and Safety Guide on Occupational Radiation Protection (GSG-7) recommendations.

Working Language(s)

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

Deadline for Nominations

Nominations received after **1 October 2020** will not be considered.

Project Background

Naturally occurring radiative material (NORM) is radioactive material containing no significant amounts of radionuclides other than naturally occurring radionuclides. The most important factor for the purposes of radiation protection are the radionuclides in the Uranium-238 (U-238) and Thorium-232 (Th-232) decay series. For most human activities involving minerals and raw materials, the levels of exposure to these radionuclides are not significantly greater than normal background levels and are not of concern for radiation protection. However, certain work activities can give rise to significantly enhanced exposures that may need to be controlled by robust regulation. The International Basic Safety Standards (GSR Part 3) sets the radiation protection requirements for regulators, operators and workers. These requirements are applicable to different industrial activities involving NORM under planned and existing exposure situations emphasizing that consideration needs to be given to the radiation protection of the workers, the public and the environment and guidance is provided in GSG-7. The main focus area of the regional project is the coherent application of GSR Part 3 to natural radiation sources, in particular to workplaces and to industrial processes involving NORM.

Expected Outputs

The virtual regional workshop will foster interactive discussions on the current status of NORM management, regulations and technical service providers capacity and aims to identify strategies to improve the relevant capacity for worker protection in the region and enhance the metrological infrastructures with possible harmonization.

Participation

The virtual regional workshop is open to **30 participants** from Europe and Central Asia.

Participants' Qualifications and Experience

The virtual regional workshop is open to Regulatory Authority representatives and representatives of the Technical Service Providers (e.g., Radioanalytical laboratories) of the regional project counterparts (RER9155).

As the virtual workshop will be conducted in English, participants should have sufficient proficiency to follow lectures and express themselves in English without difficulty.

All workshop participants are expected to complete the RER9155 survey under the following link <https://www.surveymonkey.com/r/RER9155>, by **22nd of October 2021** (COB). In the case questions arise on the survey on technical aspects please contact the Technical Officer, Mr Burcin Okyar at h.b.okyar@iaea.org. In the case there are any IT issues related to the survey, please contact Mr. Omar Yusuf, at O.Yusuf@iaea.org.

In addition, the **workshop participants are expected to complete the e-learning course on Management and Control of NORM** and send the certificate of completion to Mr Uros Milanovic, at u.milanovic@iaea.org and Ms Emina Alic, at e.alic@iaea.org by **22nd of October 2021** (COB). Please note that enrolment to this course requires the candidates to set up a Taleo account.

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 (EVT2104157) 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 meeting from the [IAEA website](#).

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 who indicate their need, will receive financial support to contribute to the expenses of 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.

The IAEA takes no responsibility for, and the provider of the virtual meeting services has represented and warranted that the Services shall not contain, and that no end user shall receive from the software used to hold the virtual meeting, any virus, worm, trap door, back door, timer, clock, counter or other limiting routine, instruction or design, or other malicious, illicit or similar unrequested code, including surveillance software or routines which may, or is designed to, permit access by any person, or on its own, to erase, or otherwise harm or modify any data or any system, server, facility or other infrastructure of any end user (collectively, a “Disabling Code”).

IAEA Contacts

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