



Third Training Workshop for Participants in the IAEA's Methods for Radiological and Environmental Impact Assessment (MEREIA) Programme

**IAEA Headquarters
Vienna, Austria**

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Information Sheet

Introduction

The IAEA's programme on Methods for Radiological and Environmental Impact Assessment (MEREIA)¹ was established in 2021 and builds on earlier IAEA programmes on radiological environmental transfer modelling and impact assessment addressing protection of people and the environment². Over many years, these IAEA programmes have provided an international platform for the exchange of information on approaches, methodologies, models and data for radiological environmental impact assessment (REIA), thereby contributing to capacity building and knowledge management in the field.

Within the MEREIA programme, strong emphasis is placed on capacity building and knowledge management. The programme included dedicated activities to support the development of young and early career professionals, as well as to assist IAEA Member States in building national expertise in radiological environmental impact assessment. As part of these efforts, a series of webinars covering basic and special topics related to radiological and environmental impact assessment have been offered.

¹ <https://gnsn.iaea.org/main/MEREIA/Pages/About-MEREIA.aspx>

² Such as VAMP (Validation of Model Predictions, 1988–1996) and BIOMASS (Biosphere Modelling and Assessment, 1996–2001), EMRAS I (Environmental Modelling for Radiation Safety, 2003–2007 <https://www-ns.iaea.org/projects/emras/>) and EMRAS II (2009–2011 <https://www-ns.iaea.org/projects/emras/emras2/>), MODARIA I (Modelling and Data for Radiological Impact Assessments, 2012–2015 <https://www-ns.iaea.org/projects/modaria/default.asp?s=8&l=118>) MODARIA II (2016–2019 <https://www-ns.iaea.org/projects/modaria/modaria2.asp?s=8&l=129>).

In addition, practical training workshops have been organized to provide hands-on guidance on approaches and methods for radiological environmental impact assessment in an interactive setting. Two such workshops were conducted in May 2024 and April 2025. The present event represents the third edition of this training workshops series.

While the first edition focused on REIA for a case study involving routine discharges from a nuclear power plant, and the second edition addressed a case of operating uranium ore processing facility, this edition focuses on the case a small modular pressurized water reactor concept based on established light-water reactor technology.

Objectives

The specific objectives for this event are:

- To provide participants with practical guidance on identifying and selecting methods for performing dose assessment for humans and non-human biota for planned radioactive discharges into the environment.
- To provide participants with practical guidance on the selection of parameters to be used in dose assessment for humans and the non-human biota.
- To offer the opportunity for participants to carry out a dose assessment for human and non-human biota for a specific scenario and to apply methods and parameters in a practical setting.
- To offer guidance on the evaluation of the results obtained and their application in different assessment contexts (e.g. performing a prospective assessment to set discharge limits, comparison with dose constraints during operation, etc.).

Target Audience

The event is intended for young and early career professionals and those developing expertise in the technical areas included within the MEREIA programme. This includes officials from regulatory bodies, operating organizations, technical support organizations, scientists, researchers, decision makers and others with responsibilities in such areas as radiological and environmental impact assessment; the development and application of environmental models; characterization and monitoring; the interpretation and communication of model predictions; and the use of environmental monitoring data to support the assessment of radiological impacts for planned, existing or emergency exposure situations. Participants from Member States who are participating in the MEREIA programme, young professionals and women are encouraged to attend.

Working Language(s)

English

Participation and Registration

All persons wishing to participate in the event have to be designated by an IAEA Member State or should be members of organizations that have been invited to attend.

In order to be designated by an IAEA Member State or invited organization, participants are requested to submit their application via the InTouch+ platform (<https://intouchplus.iaea.org>) to the competent national authority (Ministry of Foreign Affairs, Permanent Mission to the IAEA or National Atomic Energy Authority) or organization for onward transmission to the IAEA by **24 July 2026**, following the registration procedure in InTouch+:

1. Access the InTouch+ platform (<https://intouchplus.iaea.org>):
 - Persons with an existing NUCLEUS account can sign in to the platform with their username and password;
 - Persons without an existing NUCLEUS account can register [here](#).
2. Once signed in, prospective participants can use the InTouch+ platform to:
 - Complete or update their personal details under ‘Complete Profile’ and upload the relevant supporting documents;
 - Search for the relevant event under the ‘My Eligible Events’ tab;
 - Select the Member State or invited organization they want to represent from the drop-down menu entitled ‘Designating Authority’ (if an invited organization is not listed, please contact InTouchPlus.Contact-Point@iaea.org);
 - If applicable, indicate whether financial support is requested and complete the relevant information (this is not applicable to participants from invited organizations);
 - Based on the data input, the InTouch+ platform will automatically generate the Participation Form (Form A) and/or the Grant Application Form (Form C);
 - Submit their application.

Once submitted through the InTouch+ platform, the application, together with the auto-generated form(s), will be transmitted automatically to the required authority for approval. If approved, the application, together with the applicable form(s), will automatically be sent to the IAEA through the online platform.

NOTE: The application for financial support should be made, together with the submission of the application, by **24 July 2026**.

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

When submitting your application for this event, applicants are requested to describe how the course aligns with their current responsibilities and how they intend to apply the course outcomes in their professional activities.

Selected participants will be informed in due course on the procedures to be followed with regard to administrative and financial matters.

Participants are hereby informed that the personal data they submit will be processed in line with the [Agency’s Personal Data and Privacy Policy](#) and is collected solely for the purpose(s) of reviewing and assessing the application and to complete logistical arrangements where required. The IAEA may also use the contact details of Applicants to inform them of the IAEA’s scientific and technical publications, or the latest employment opportunities and current open vacancies at the IAEA. These secondary purposes are consistent with the IAEA’s mandate. Further information can be found in the [Data](#)

[Processing Notice](#) concerning the IAEA InTouch+ platform.

Organization

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Subsequent correspondence on scientific matters should be sent to the Scientific Secretary/Secretaries and correspondence on other matters related to the event to the Administrative Secretary.