



Consideration of External Events in Demonstrating Safety of Nuclear Installations and Radioactive Waste Disposal Facilities

**IAEA Headquarters
Vienna, Austria**

15 December - 19 December 2025

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Information Sheet

Introduction

This event is the first in a series of activities designed to provide detailed guidance on selecting and addressing scenarios caused by external events (natural and human-induced) relevant for demonstrating the safety of radioactive waste disposal facilities. The project aims to enhance Member States' capabilities in conducting thorough hazard assessments and strengthening safety frameworks, aligning with the highest international standards. This will be achieved by expanding upon existing IAEA Safety Standards and incorporating experiences from Member States.

Objectives

The objectives of the event are:

- To share experiences and advancements in the assessment of external events in safety assessments of nuclear installations.
- To discuss approaches used in the operational and post-closure safety assessment of disposal facilities for radioactive waste.
- To gather and document Member States' experiences in the evaluation of external event impacts on radioactive waste disposal facilities and lessons learned from the impacts of extreme events on existing facilities.
- To facilitate discussions between experts to define the best practices (methodologies) for hazard parameterization.
- To lay the groundwork for developing guidance on selecting and addressing external events scenarios.

Target Audience

This event is intended to engage representatives from IAEA Member States involved in the siting, safety assessment, and regulatory oversight of radioactive waste disposal facilities and nuclear installations. This event is intended to attract:

- Experts in the characterization of external events.
- Experts in the safety assessment of radioactive waste disposal facilities and nuclear installations.
- Operators, regulators, technical support organizations and representatives from academic institutions involved in safety assessments of radioactive waste disposal facilities and nuclear installations.

Working Language(s)

English.

Structure

The event will be structured to include:

- Presentations and discussions on Member States' experiences with integrating external events into safety assessments for various radioactive waste disposal facility types (near-surface, geological, and borehole). This will include case studies and lessons learned.
- Presentations and discussions on Member States' experiences with state-of-the-art external event safety assessments for recent nuclear installations, with applicability to radioactive waste disposal facilities. Topics will include survey technologies, data collection and management, hazards development, site selection, and site evaluation, supplemented by case studies and lessons learned.
- Presentations and discussions on Member States' experiences with methods for computing scenarios in safety demonstration of disposal facilities. This will include case studies and lessons learned.
- Panel discussions highlighting key challenges and best practices. Participants will be given the opportunity to discuss the definition of the parameters and scenarios to be included in future guidance.

Participation and Registration

All persons wishing to participate in the event must 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 (Designation Deadline), 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 a paper is being submitted and complete the relevant information;
- 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 **30 September 2025**.

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.

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.

All material presented at the event will be made available to the public unless otherwise restricted by the owner.

Expenditures and Grants

No registration fee is charged to participants.

The IAEA is generally not in a position to bear the travel and other costs of participants in the event. The IAEA has, however, limited funds at its disposal to help meet the cost of attendance of certain participants. Upon specific request, such assistance may be offered to normally one participant per country, provided that, in the IAEA’s view, the participant will make an important contribution to the event.

The application for financial support should be made, together with the submission of the application, by **30 September 2025**.

Venue

The event will be held at the Vienna International Centre (VIC) where the IAEA’s Headquarters are

located. Participants must make their own travel and accommodation arrangements.

General information on the VIC and other practical details, such as a list of hotels offering a reduced rate for IAEA participants, are listed on the following IAEA web page:

<https://www.iaea.org/events>.

Participants are advised to arrive at Checkpoint 1/Gate 1 of the VIC one hour before the start of the event on the first day in order to allow for timely registration. Participants will need to present an official photo identification document in order to be admitted to the VIC premises.

Visas

Participants who require a visa to enter Austria should submit the necessary application to the nearest diplomatic or consular representative of Austria at least four weeks before they travel to Austria. Since Austria is a Schengen State, persons requiring a visa will have to apply for a Schengen visa. In States where Austria has no diplomatic mission, visas can be obtained from the consular authority of a Schengen Partner State representing Austria in the country in question.'

Organization

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

Scientific Secretaries:

Rodolfo AVILA MORENO

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