



Interregional Training Course on Geotechnical Aspects, Seismic Hazards, and Volcanic Hazards in Site Evaluation

Hosted by

The Government of Russian Federation

through the

Rosatom Technical Academy

Moscow, Russia

26 to 30 October 2026

Ref. No.: TN-INT2025-EVT2506074

Information Sheet

Purpose

The purpose of the event is to train participants in understanding geotechnical aspects, as well as seismic and volcanic hazards, in site evaluation for nuclear installations.

Working Language(s)

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

Deadline for Nominations

Nominations received after **28 August 2026** will not be considered.

Project Background

Small modular reactors (SMRs) are advanced nuclear reactors typically designed to generate electric power up to 300 MWe, the structures, systems and components of which can be fabricated in factories and transported to the installation site, shortening construction duration and reducing cost. Clean energy strategy advocates for the deployment of advanced nuclear reactors as a safe, reliable, flexible and competitive power source. SMRs based on different technologies, along with their various applications, are a promising option for near term and future deployment in Member States. The purpose of the project is to provide broad support to build Member States' capacities for development and deployment of SMRs in the context of a clean energy strategy, as a contribution of nuclear power to the global effort for climate change mitigation. The project will provide a wide range of forums to enable effective capacity building through training and technology transfer on all aspects of SMR development, including siting, design, and technology; engineering, manufacturing, construction, industrial supply chain, commissioning, operation, maintenance, and human resource management; fuel cycle; waste management; decommissioning; economics; financing; energy sustainability, nuclear safety, security and safeguards; emergency preparedness and response arrangements; and legal framework. The INT2025 project aims to improve knowledge and develop skills in recipient countries with regard to the fundamental aspects of SMR deployment, safety review capability, clean energy approach and their electric and non-electric applications, mitigating climate changes and integrating the basic principles of circular economy.

The title of the Technical Cooperation project funding this training course is, Supporting Member States' Capacities on Small Modular Reactors, their Technologies and Applications (Phase II) as a Contribution of Nuclear Power to Climate Change Mitigation.

Scope and Nature

This training course will build capacity in the site selection and site evaluation process. Although the focus of the project is SMRs, the information and evaluation techniques discussed in this training course will apply to siting and site evaluation of all nuclear installations. Proper identification and characterization of natural hazards is imperative during the process of nuclear installation site selection and evaluation, so this training course will develop knowledge within selected Member State participants to improve analyses of these natural hazards. The training course intends to highlight the techniques for investigating the hazards posed to nuclear installations by seismicity, volcanism, and certain geotechnical conditions. IAEA Specific Safety Guides SSG-9 (Rev. 1), SSG-21, and SSG-93 and supporting informational documents will be featured in the training.

Expected Outputs

The output of this training course will be a greater awareness and capacity, within the participating Member States, for analysis of seismic, volcanic, and geotechnical hazards affecting nuclear installations.

Participation

The event is open to 25 participants from the Member States participating in the INT2025 project which need assistance to enhance the number and knowledge of staff involved in launching or expanding nuclear power programmes.

Armenia, El Salvador, Ethiopia, Georgia, Greece, Guatemala, Indonesia, Jamaica, Kenya, Kyrgyzstan, Malaysia, Mexico, Myanmar, Pakistan, Peru, Philippines, Rwanda, Saudi Arabia, Singapore, Thailand, Türkiye, Uganda, United Republic of Tanzania, Uzbekistan

At no cost to the IAEA, participants from following countries can also be considered: Belgium, Canada, China, Denmark, Finland, France, Italy, Japan, Republic of Korea, Russian Federation, Switzerland, United Kingdom, United States of America.

Participants' Qualification and Experience

The event is targeted at experts from a Member State's nuclear energy programme implementing organisation (NEPIO), regulatory bodies, utilities, technical support organizations, vendors and research and development organizations, and other relevant stakeholders who are working in the areas covered by the training course. Professionals from such organisations with expertise in earthquake engineering, seismology, volcanology, geology, geophysics, seismic hazard, and/or safety assessment of nuclear installations are encouraged to apply.

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 (EVT2505971) 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.

Training on Basic Security in the Field (BSITF)

In order to comply with UN system-wide security measures, it is required that all participants complete the online security awareness training BSAFE (which replaces BSITF and ASITF), prior to traveling to locations where UN security phases are in effect. The aim of this course is to educate participants on how best to avoid or minimize potential dangers and threats, and to demonstrate what individuals can do if they find themselves in insecure situations. The course is available online (<https://training.dss.un.org/course/category/6>).

Once an individual has completed the training, he/she must go back to the main training page to receive the certificate. If the button to get the certificate is not immediately visible, please refresh the page. BSAFE is maintained by UNDSS; in case of problems with the system, please contact UNDSS through the "Contact Us" page on the training website (<https://dss.un.org/dssweb/contactus.aspx>).

This certificate is compulsory for any IAEA-supported activity and should be submitted, along with the Nomination Form, through the competent authority in your country (NLO). Copies of the certificate should be kept by the candidate for his/her records as the BSAFE certificate does not expire.

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.

NOTE: The event will be hosted by the Government of the Russian Federation, therefore nominated participants who require a visa to enter the Russian Federation should submit the necessary application to the nearest diplomatic or consular representative of the Russian Federation as soon as possible.

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

Programme Management Officer

Mr Jing Zhang
Division for Europe
Department of Technical Cooperation
International Atomic Energy Agency
Vienna International Centre
PO Box 100
1400 VIENNA
AUSTRIA
Tel.: +43 1 2600 26540
Fax: +43 1 26007
Email: J.Zhang@iaea.org

Administrative Contact

Ms Saiyi Gan
Division for Europe
Department of Technical Cooperation
International Atomic Energy Agency
Vienna International Centre
PO Box 100
1400 VIENNA
AUSTRIA
Tel.: +43 1 2600 22303
Fax: +43 1 26007
Email: S.Gan@iaea.org