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International Atomic Energy Agency

Agence internationale de l'énergie atomique

Международное агентство по атомной энергии

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The Secretariat of the International Atomic Energy Agency (IAEA) presents its compliments to the IAEA's Member States and has the honour to draw their attention to the **Technical Meeting on Methods for Radiological and Environmental Impact Assessment (MEREIA)** (hereinafter referred to as "event") to be held virtually via Cisco WebEx from **4 to 8 October 2021**.

The purpose of the event is to launch the new IAEA programme on the assessment of radiological and environmental impacts for the public and the environment.

The attached Information Sheet provides further details of the event.

The event will be held in English.

Member States are invited to designate one or more participants to represent the Government at this event. Member States are strongly encouraged to identify suitable women participants.

Designations should be submitted to the IAEA through the competent national authority (Ministry of Foreign Affairs, Permanent Mission to the IAEA or National Atomic Energy Authority) not later than **23 August 2021** using the attached Participation Form (Form A). Completed and authorized Participation Forms should be sent either by email to: [Official.Mail@iaea.org](mailto:Official.Mail@iaea.org) or by fax to: +43 1 26007 (no hard copies needed). Copies should be sent by email to the Scientific Secretary of the event, Ms Joanne Brown, Division of Radiation, Transport and Waste Safety, Department of Nuclear Safety and Security (Email: [J.Brown@iaea.org](mailto:J.Brown@iaea.org)), and to the Administrative Secretary, Ms Claire Halsall (Email: [C.Halsall@iaea.org](mailto:C.Halsall@iaea.org)). The Scientific Secretary of the event will liaise with the participants directly concerning further arrangements, as appropriate, once the official designations have been received.

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").

The Secretariat of the International Atomic Energy Agency avails itself of this opportunity to renew to the IAEA's Member States the assurances of its highest consideration.



2021-07-15

Enclosures: Information Sheet

Participation Form (Form A)



# **Technical Meeting on Methods for Radiological and Environmental Impact Assessment (MEREIA)**

**Virtual Event**

**4–8 October 2021**

**Ref. No.: EVT2003621**

## **Information Sheet**

### **Introduction**

The International Atomic Energy Agency's (IAEA's) Modelling and Data for Radiological Impact Assessments (MODARIA) programme ran from 2012 to 2019. In common with earlier IAEA programmes in the area of environmental modelling, such as the Validation of Model Predictions (VAMP) programme, the Biosphere Modelling and Assessment (BIOMASS) programme, as well as the two Environmental Modelling for Radiation Safety (EMRAS I and EMRAS II) programmes, MODARIA had the following general objectives: (i) to improve environmental assessment models and modelling methods through model testing and comparison; (ii) to harmonize, where appropriate, environmental modelling philosophies, approaches, and parameter values; (iii) to address radionuclide transfer in a wide range of environmental conditions, including those prevailing in subtropical and tropical regions; (iv) to provide an international focal point for the exchange of information on environmental assessment modelling; and (v) to assist Member States in implementing the IAEA safety standards relevant to the control of exposures to the public and the environment.

The MODARIA programme (MODARIA I and MODARIA II) concentrated on areas where uncertainties remain in the predictive capability of environmental models. In particular, it covered: the remediation of areas affected by enhanced levels of man-made or natural radioactivity, uncertainties and variability of assessment models, exposures and effects on biota, and modelling the dispersion of radionuclides in the marine environment.

The International Atomic Energy Agency's Modelling and Data for Radiological Impact Assessments (MODARIA II) programme concluded in 2019. There were ten working groups and sub-groups, which had the active and direct participation of some 140 specialists from more than 40 countries. Information on the MODARIA II programme and its activities can be found at <https://www-ns.iaea.org/projects/modaria/modaria2.asp?s=8&l=129>.

The IAEA is pleased to announce the launch of a new programme Methods for Radiological and Environmental Impact assessment (MEREIA) which will run from 2021–2025. This programme will continue the IAEA's activities in the field of developing capability and capacity in its Member States on radiological impact assessment and guidance on the application of assessment approaches, models and data within the broader context of environmental impact assessment.

## **Objectives**

The overall objective of the MEREIA programme will be to provide a platform to enhance capability and capacity in the area of radiological environmental impact assessment (REIA) of facilities and activities and other sources of radioactivity, within the context of broader processes for environmental impact assessments (EIA). The programme will provide an international forum to bring experienced and less experienced people together to exchange knowledge and build consensus under the umbrella of the IAEA Safety Standards and their supporting publications for implementation to achieve the highest level of safety.

A key objective of the MEREIA programme is to include the interest and visions of senior experts and younger professionals from all the Member States in different regions, including those from countries developing the capacity and capability in the field of radiological and environmental impact assessment.

The objective of the event is to launch the MEREIA programme, discuss the programme objectives, approach and themes, as well as identifying the topics and activities to be undertaken and how these will be delivered.

## **Target Audience**

The event is intended for officials from regulatory bodies, operating organizations, technical support organizations, scientists, researchers, decision makers and others with responsibilities in such areas as environmental impact assessment; the development and application of environmental models; characterization and monitoring; the interpretation and communication of model predictions; and monitoring data in relation to the significance of impacts for planned, existing or emergency exposure situations. Participants from Member States developing expertise in the technical areas included 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, participants are requested to send the **Participation Form (Form A)** to their competent national authority (e.g. Ministry of Foreign Affairs, Permanent Mission to the IAEA or National Atomic Energy Authority) for onward transmission to the IAEA by **23 August 2021**. Participants who are members of an organization invited to attend are requested to send the Participation Form (Form A) through their organization to the IAEA by above deadline.

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

## Additional Information

The virtual event is expected to consist of one session per day lasting from 2.5 to 3.0 hours, the exact timing of which will be arranged to best accommodate the location time zones of designated participants. The exact details regarding the times of the daily sessions will be communicated to participants closer to the event.

## Additional Requirements

In order to maximize the benefit of the daily sessions during the virtual event, it is expected that the designated participants will prepare for the event as requested by the Secretariat in advance of the event, for example, by completing a short questionnaire, as well as responding to requests to provide input to the discussions during the daily sessions during the event.

## **IAEA Contacts**

### **Scientific Secretary:**

#### **Ms Joanne Brown**

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### **Administrative Secretary:**

#### **Ms Claire Halsall**

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

## **Event Web Page**

Please visit the following IAEA web page regularly for new information regarding this event:

<https://www.iaea.org/events/EVT2003621>

# Participation Form

## Technical Meeting on Methods for Radiological and Environmental Impact Assessment (MEREIA)

### Virtual Event

**4–8 October 2021**

To be completed by the participant and sent to the competent national authority (e.g. Ministry of Foreign Affairs, Permanent Mission to the IAEA, or National Atomic Energy Authority) of his/her country for subsequent transmission to the International Atomic Energy Agency (IAEA) either by email to: [Official.Mail@iaea.org](mailto:Official.Mail@iaea.org) or by fax to: +43 1 26007 (no hard copies needed). Please also send a copy by email to the Scientific Secretary [J.Brown@iaea.org](mailto:J.Brown@iaea.org) and to the Administrative Secretary [C.Halsall@iaea.org](mailto:C.Halsall@iaea.org).

**Deadline for receipt by IAEA through official channels: 23 August 2021**

Family name(s): (same as in passport)	First name(s): (same as in passport)	Mr/Ms
Institution:		
Full address:		
Tel. (Fax):		
Email:		
Nationality:	Representing following Member State/non-Member State/entity or invited organization:	

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. Further information can be found in the [Data Processing Notice](#) concerning IAEA InTouch+ platform.

