



*Atoms for Peace and Development*

الوكالة الدولية للطاقة الذرية  
国际原子能机构  
International Atomic Energy Agency  
Agence internationale de l'énergie atomique  
Международное агентство по атомной энергии  
Organismo Internacional de Energía Atómica

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In reply please refer to: **EVT1804519**  
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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 the Application of Generic Models for Use in Assessing the Impact of Discharges of Radioactive Substances to the Environment** (hereinafter referred to as "event") to be held at the IAEA's Headquarters in Vienna, Austria, from **20 to 24 July 2020**.

The purpose of the event is to provide the participants with the information on the updated IAEA methodologies on dose assessment for planned exposure situations to ensure protection of 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 participant to represent the Government at this event. Member States are strongly encouraged to identify suitable women 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 at the time of designating the participants using the attached Grant Application Form (Form C).

It should be noted that compensation is not payable by the IAEA for any damage to or loss of personal property. The IAEA also does not provide health insurance coverage for participants in IAEA events. Arrangements for private insurance coverage on an individual basis should therefore be made. The IAEA will, however, provide insurance coverage for accidents and illnesses that clearly result from any work performed for the IAEA.

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 **22 May 2020** 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 Tamara Yankovich, Division of Radiation, Transport and Waste Safety, Department of Nuclear Safety and Security (Email: [T.Yankovich@iaea.org](mailto:T.Yankovich@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, including travel details, as appropriate, once official designations have been received.

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.



2020-02-20

Enclosures:            Information Sheet  
                              Participation Form (Form A)  
                              Grant Application Form (Form C)



**IAEA**

International Atomic Energy Agency

*Atoms for Peace and Development*

# **Technical Meeting on the Application of Generic Models for Use in Assessing the Impact of Discharges of Radioactive Substances to the Environment**

**IAEA Headquarters  
Vienna, Austria**

**20–24 July 2020**

**Ref. No.: EVT1804519**

## **Information Sheet**

### **Introduction**

The International Atomic Energy Agency (IAEA) Safety Fundamentals publication *Fundamental Safety Principles* (IAEA Safety Standards Series No. SF-1, Vienna, 2006) states that “People and the environment, present and future, must be protected against radiation risks. Radiation risks may transcend national borders and may persist for long periods of time. The possible consequences, now and in the future, of current actions have to be taken into account in judging the adequacy of measures to control radiation risks.” This emphasizes the importance of prospective assessment of radiological impacts to proactively prevent significant adverse effects through proper planning of facilities and activities.

In the case of planned exposure situations, the authorized discharge of radionuclides to the atmosphere and surface water environments is a legitimate practice in hospitals, research facilities, nuclear power plants, and for other facilities and activities. For such practices, prospective assessment of public exposure and environmental impacts from radioactive discharges is an essential regulatory requirement. This includes the assessment of radiological doses received by members of the public (the representative person) and by wildlife (reference animals and plants), which forms a basis for authorization of radioactive discharges.

An updated methodology (superseding *Generic Models for Use in Assessing the Impact of Discharges of Radioactive Substances to the Environment* (Safety Report Series No. 19)) for the integrated assessment of doses received by the public and by wildlife has been developed, which can be used to ensure and demonstrate protection of the public and the environment from the harmful effects of ionizing radiation.

An important next step in the implementation of this methodology is to demonstrate how it can be applied by Member States in the planning, design and operation of facilities and activities. This can be accomplished through the systematic compilation of scenarios covering a range of facilities and activities and the demonstration of how these may be assessed for potential radiological impacts.

## **Objectives**

The purpose of the event is to discuss the application of the International Atomic Energy Agency's (IAEA's) standardized methodology for prospective dose assessment to ensure and demonstrate protection of the public and the environment.

The specific objectives of the event are: to provide an overview of the updated methodology for the integrated assessment of doses received by the public and by wildlife that has been developed by the IAEA; to discuss how this methodology could be implemented by Member States; to capture the relevant experiences of Member States in conducting dose assessment for planned facilities and activities; and to present scenarios to demonstrate how the methodology could be applied by Member States for a range of planned facilities and activities.

The participants will be provided with a copy of the new methodology in advance of the event.

## **Target Audience**

The event is intended for representatives from regulatory bodies and operating organizations who review and/or conduct assessments; and decision-makers and others responsible for environmental impact assessment, dose assessment, protection of the public and/or protection of the environment in relation to planned exposure situations.

## **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 **22 May 2020**. 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 financial matters.

## 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 using the **Grant Application Form (Form C)** which has to be stamped, signed and submitted by the competent national authority to the IAEA together with the **Participation Form (Form A)** by **22 May 2020**.

## 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:  
<http://www-pub.iaea.org/iaeaevents/GeneralInfo/Guide/VIC>.

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

## Scientific Secretary

### **Ms Tamara Yankovich**

Division of Radiation, Transport and Waste Safety  
Department of Nuclear Safety and Security  
International Atomic Energy Agency  
Vienna International Centre  
PO Box 100  
1400 VIENNA  
AUSTRIA

Tel.: +43 1 2600 21263

Fax: +43 1 26007

Email: [T.Yankovich@iaea.org](mailto:T.Yankovich@iaea.org)

## Administrative Secretary

### **Ms Claire Halsall**

Division of Radiation, Transport and Waste Safety  
Department of Nuclear Safety and Security  
International Atomic Energy Agency  
Vienna International Centre  
PO Box 100  
1400 VIENNA  
AUSTRIA

Tel.: +43 1 2600 22692

Fax: +43 1 26007

Email: [C.Halsall@iaea.org](mailto:C.Halsall@iaea.org)

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.

# Participation Form

## Technical Meeting on the Application of Generic Models for Use in Assessing the Impact of Discharges of Radioactive Substances to the Environment

IAEA Headquarters, Vienna, Austria

20–24 July 2020

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 [T.Yankovich@iaea.org](mailto:T.Yankovich@iaea.org) and to the Administrative Secretary [C.Halsall@iaea.org](mailto:C.Halsall@iaea.org).

Participants who are members of an invited organization can submit this form to their organization for subsequent transmission to the IAEA.

**Deadline for receipt by IAEA through official channels: 22 May 2020**

Family name: (e.g. Smith)	First name(s): (e.g. John)	Mr/Ms
Institution:		
Full address:		
Tel. (Fax):		
Email:		
Nationality:	Representing following Member State/non-Member State/entity or invited organization:	





# Grant Application Form

## Technical Meeting on the Application of Generic Models for Use in Assessing the Impact of Discharges of Radioactive Substances to the Environment

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**Deadline for receipt by IAEA through official channels: 22 May 2020**

Family name: (e.g. Smith)	First name(s): (e.g. John)	Mr/Ms:
Mailing address:	Tel.:	
	Fax:	
	Email:	
Date of birth (yyyy/mm/dd):	Nationality:	

### 1. Education (post-secondary):

Name and place of institution	Field of study	Diploma or Degree	Years attended	
			from	to

### 2. Recent employment record (starting with your present post):

Name and place of employer/ organization	Title of your position	Type of work	Years attended	
			from	to

### 3. Description of work performed over the last three years:

**4. Institute's/Member State's programme in field of event:**

**Date:** \_\_\_\_\_ **Signature of applicant:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Name, signature and stamp of Ministry of Foreign Affairs,  
Permanent Mission to the IAEA or National Atomic Energy  
Authority**

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