



Third Technical Meeting on the Development, Testing and Harmonization of Models and Data for Radiological Impact Assessments (MODARIA II)

**IAEA Headquarters
Vienna, Austria**

22 October 2018 to 25 October 2018

Ref. No.: EVT1702930

Information Sheet

A. Introduction

The International Atomic Energy Agency's Modelling and Data for Radiological Impact Assessments (MODARIA II) programme was launched during a Technical Meeting in November 2016, and will run until the autumn of 2019.

The MODARIA II programme was initiated in order to continue IAEA activities in testing and comparing models to assess exposures to humans and radiological impacts on the environment, and in developing guidance on the application of such models. The results of radiological assessments are used, for example, in the evaluation of the radiological significance of routine and accidental releases of radionuclides, in support of decision making in remediation work and for the demonstration of the safety of radioactive waste disposal facilities.

During the First MODARIA II Technical Meeting, the following seven working groups were established and work plans were outlined for the programme's duration until 2019:

- Working Group 1 — Assessment and Decision Making of Existing Exposure Situations for NORM and Nuclear Legacy Sites;
- Working Group 2 — Assessment of Exposures and Countermeasures in Urban Environments;

- Working Group 3 — Assessments and Control of Exposures to the Public and Biota for Planned Releases to the Environment;
- Working Group 4 — Transfer Processes and Data for Radiological Impact Assessment;
- Working Group 5 — Exposure and Effects to Biota;
- Working Group 6 — Biosphere Modelling for Long Term Safety Assessments of High Level Waste Disposal Facilities;
- Working Group 7 — Assessment of Fate and Transport of Radionuclides Released in the Marine Environment.

The First MODARIA II Technical Meeting was attended by 145 participants from 47 Member States. The Second MODARIA II Technical Meeting was attended by 133 participants from 39 Member States.

Information about the programme and the activities of the specific working groups can be found on the MODARIA II webpage: <https://www-ns.iaea.org/projects/modaria/modaria2.asp?s=8&l=129>.

B. Objectives

Like previous IAEA international model validation programmes, MODARIA II serves as an international focal point in this field and will help Member States to develop and maintain knowledge and competence in the areas of environmental modelling and radiological impact assessment.

The purpose of this third MODARIA II Technical Meeting is to analyse the progress made so far by the seven working groups; to explore the dissemination of the results of the MODARIA II programme through publication in scientific journals dealing with the various subject areas covered by the programme; and to discuss open questions on environmental modelling.

The MODARIA II programme has the following general objectives:

- To improve environmental impact assessment models and modelling methods through model testing and comparison;
- To harmonize, where appropriate, environmental modelling philosophies, approaches and parameter values;
- To address radionuclide transfer under a wide range of environmental conditions, including those prevailing in subtropical and tropical regions;
- To provide an international focal point for the exchange of information on environmental impact assessment modelling; and
- To assist Member States in implementing the IAEA safety standards relevant to the control of exposures to the public and the environment.

C. Target Audience

The meeting 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.

D. Working Language(s)

The working language of the meeting will be English.

E. Application Procedure

Designations should be submitted using the attached **Participation Form (Form A)**. Completed requests should be endorsed by the competent national authority (e.g. Ministry of Foreign Affairs, Permanent Mission to the IAEA, or National Atomic Energy Authority), or by an organization invited to participate, and returned through the established official channels. They must be received by the IAEA not later than **10 September 2018**. Designations received after that date or applications sent directly by individuals or by private institutions cannot be considered. Designating Governments and invited organizations will be informed in due course of the names of the selected candidates and at that time, full details will be given on the procedures to be followed with regard to administrative and financial matters.

F. 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 Technical Meeting. The IAEA has, however, limited funds at its disposal to help meet the cost of attendance of certain participants. Such assistance may be offered upon specific request to normally **one or more participants** per country provided that, in the IAEA's view, the participant(s) on whose behalf assistance is requested will make an important contribution to the Technical Meeting. The application for financial support should be made at the time of designating the participant(s). If Governments wish to apply for a grant on behalf of one of their experts, they should address specific requests to the IAEA to this effect. Governments should ensure that applications for grants are submitted by **10 September 2018** using a signed **Grant Application Form (Form C)**. Approved grants will be issued in the form of a lump sum payment that usually covers **only part of the cost of attendance**.

G. Venue

The Technical Meeting will be held at the IAEA Headquarters in Vienna, Austria, in Board Room A, located in the Conference Building M of the Vienna International Centre (VIC), and will start on **Monday, 22 October 2018**. Participants are advised to arrive one hour prior to the convening time of the Technical Meeting to allow for timely registration. Participants will need to present an official photo identification document in order to be admitted to the VIC premises.

The following IAEA web page can be accessed for more detailed information on Vienna and the VIC:
<http://www-pub.iaea.org/iaemeetings/GeneralInfo/Guide/VIC>.

H. 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.

I. Organization

Scientific Secretary

Mr Diego Miguel Telleria

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 22679

Fax: +43 1 26007

Email: D.M.Telleria@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

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

Third Technical Meeting on the Development, Testing and Harmonization of Models and Data for Radiological Impact Assessments (MODARIA II)

IAEA Headquarters, Vienna, Austria

22 October 2018–25 October 2018

To be completed by the participant and sent to the competent official 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), Vienna International Centre, PO Box 100, 1400 Vienna, Austria, either electronically by email to: 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 (D.Telleria@iaea.org) and to the Administrative Secretary (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: 10 September 2018

Family name: (e.g. Smith)		First name(s): (e.g. John)	Mr/Ms
Institution:			
Full address:			
For urgent communications please indicate:	Tel.:		
	Fax:		
	Email:		
Nationality:	Designating Government or organization:		
Mailing address (if different from address indicated above):			



Grant Application Form

Third Technical Meeting on the Development, Testing and Harmonization of Models and Data for Radiological Impact Assessments (MODARIA II)

IAEA Headquarters, Vienna, Austria

22 October 2018–25 October 2018

To be completed by the participant and sent to the competent official 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), Vienna International Centre, PO Box 100, 1400 Vienna, Austria, either electronically by email to: 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 (D.Telleria@iaea.org) and to the Administrative Secretary (C.Halsall@iaea.org).

Deadline for receipt by IAEA through official channels: 10 September 2018

Family name: (e.g. Smith)	First name(s): (e.g. John)	Mr/Ms:
Mailing address:	Tel.:	
	Fax:	
	Email:	
Date of birth (yy/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 worked	
			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 _____