



# **Training Course on Data Quality Assurance in Stable Isotope Laboratories**

**IAEA Headquarters  
Vienna, Austria**

**18 - 22 November 2024**

**Ref. No.: EVT2404004**

## **Information Sheet**

### **Introduction**

The IAEA plays a leading role in producing and distributing international reference materials for stable isotope ratio measurements of light elements (H, C, N, O, S). With provision of these reference materials, the IAEA supports Member States in making reliable stable isotope ratio analysis which are widely used in many scientific fields like environmental studies, atmosphere monitoring, climate reconstruction, life sciences, food authenticity and forensics. To assure data quality in stable isotope laboratories, it is very important to train users on the storage and use of reference materials and on data processing and calculation when using reference materials for data calibration.

### **Objectives**

The main objective of this training course is to enhance the quality of analytical work in Member State Stable Isotope Laboratories. The training will cover the types, correct use and storage of reference materials (RMs), data processing and calculations when using RMs as well as other laboratory best practices.

## Target Audience

The target audience for this training are scientists from Member State laboratories who have experience in Stable Isotope Ratio analysis of light elements such as hydrogen, carbon, nitrogen, oxygen, and sulfur.

## 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 **15 September 2024**. 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 the above deadline.

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.

## Papers and Presentations

The IAEA encourages participants to give presentations on the work of their respective institutions that falls under the topics listed in above Topics Section.

Participants who wish to give presentations are requested to submit an abstract of their work. The abstract will be reviewed as part of the selection process for presentations. The abstract should be in A4 page format, should extend to no more than 3 pages (including figures and tables) and should not exceed 1000 words. It should be sent electronically to Ms Federica Camin, the Scientific Secretary of the

event (see contact details in below Visas Section), not later than . Authors will be notified of the acceptance of their proposed presentations by .

In addition, participants have to submit the abstract together with 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) or their organization for onward transmission to the IAEA not later than .

## 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 **15 September 2024**.

## 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**

### **Scientific Secretary**

#### **Ms Federica Camin**

Division of Physical and Chemical Sciences  
Department of Nuclear Sciences and Applications  
International Atomic Energy Agency  
Vienna International Centre  
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1400 VIENNA  
AUSTRIA

Tel.: +43 1 2600 28229

Fax: +43 1 26007

Email: [F.Camin@iaea.org](mailto:F.Camin@iaea.org)

### **Administrative Secretary**

#### **Mr Ziyaddin Malikbayli**

Division of Physical and Chemical Sciences  
Department of Nuclear Sciences and Applications  
International Atomic Energy Agency  
Vienna International Centre  
PO Box 100  
1400 VIENNA  
AUSTRIA

Tel.: +43 1 2600 28237

Fax: +43 1 26007

Email: [Z.Malikbayli@iaea.org](mailto:Z.Malikbayli@iaea.org)

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.

# Participation Form

## Training Course on Data Quality Assurance in Stable Isotope Laboratories

IAEA Headquarters, Vienna, Austria

18 to 22 November 2024

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, Ms Federica Camin, Division of Physical and Chemical Sciences, Department of Nuclear Sciences and Applications (Email: [F.Camin@iaea.org](mailto:F.Camin@iaea.org)) and to the Administrative Secretary, Mr Ziyaddin Malikbayli, (Email: [Z.Malikbayli@iaea.org](mailto:Z.Malikbayli@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: 15 September 2024**

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/entity or invited organization:	State/non-Member
If/as applicable:		
Do you intend to submit a paper?	Yes	No
Would you prefer to present your paper as a poster?	Yes	No
Title:		

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.

# Grant Application Form

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### **Deadline for receipt by IAEA through official channels as per Conference Announcement.**

Family name(s): (same as in passport)	First name(s): (same as in passport)	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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