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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: C1-RER/7/008/9003/01

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2016-07-21

Subject: Invitation to a Regional Workshop on Environmental Monitoring, Vilnius, Lithuania, 7-11 November 2016

Dear National Liaison Officer,

I am pleased to invite you to send nominations of suitable candidates to participate in the above-mentioned workshop under the framework of TC Project RER/7/008, "Strengthening Capabilities for Radionuclide Measurement in the Environment and Enhancing Quality Assurance/Quality Control System for Environmental Monitoring". The purpose of the workshop and related information are outlined in the attached Prospectus.

For candidates who are selected by the IAEA, the IAEA will cover the cost of return international travel from the home country to Vilnius, Lithuania and provide Daily Subsistence Allowance (DSA) for the duration of the workshop in line with IAEA rules and procedures.

Please submit nominations to the IAEA online through the Technical Cooperation Department's InTouch system (<http://intouch.iaea.org>). Only if this is not possible, nominations may be submitted on the Nomination Form for Meeting/Workshop available on the IAEA website: <http://www.iaea.org/technicalcooperation/How-to-take-part/In-meetings-WS/index.html>. Completed forms should be endorsed by relevant national authorities and sent to the Programme Management Officer for this project, Ms Carmina Jimenez De Bergant (IAEA Official Fax: +43-1-26007 or E-Mail Official.Mail@iaea.org), through the official channels, i.e. the designated National Liaison Office for IAEA matters, not later than 9 September 2016.

Yours sincerely,

Martin Krause

Director

Division for Europe

Department of Technical Cooperation

Enclosure: Prospectus

International Atomic Energy Agency

Regional Workshop on Environmental Monitoring

PROSPECTUS

- Project Number & Title:** RER/7/008: Strengthening Capabilities for Radionuclide Measurement in the Environment and Enhancing QA/QC System for Environmental Monitoring
- Place (City, Country):** Vilnius, Lithuania
- Dates:** 7-11 November 2016
- Deadline for Nominations:** **9 September 2016**
- Organizers:** The International Atomic Energy Agency (IAEA) in collaboration with the Government of Lithuania through the Radiation Protection Centre
- Host Country Organizer:** Ms Rima Ladygiene and Mr Julius Ziliukas
Radiation Protection Centre,
Ministry of Health of Lithuania
Kalvariju 153
2042 Vilnius
Lithuania
E-mail: rima.ladygiene@rsc.lt
E-mail: Julius.Ziliukas@rsc.lt
- Language:** English
- Purpose:** The purpose of the workshop is to provide an opportunity to exchange the experience of monitoring laboratories from the participating countries in the field of environmental radioactivity control. Specifically, to provide information on the potential source of the radioactive pollution, related legislation (EURATOM Treaty, EU regulation, national regulation), monitoring principles, typical environmental samples, applied radio-analytical methods (nuclide selective and screening), data evaluation and its presentation.
- Expected Output(s):** The workshop will enable the participants to harmonise the practice and interpretation of the environmental monitoring, to highlight which are the most frequently used tools to get a reliable quality and quantity information about the distribution of the radioactive isotopes in the environment, and to identify the dominant transfer processes to the food chain or other important radiation pathways.

Scope and Nature:

The workshop will take place over a five days period, providing lectures, case studies, sampling and laboratory practical work. Laboratory safety instruction will be provided in preparation of laboratory work.

The selected participants will be kindly requested to give a short presentation of maximum 10 slides about the ongoing national monitoring activity focused on the achieved results.

The title of the presentation needs to be provided in the application form. The accepted presentations will be shared on electronic media in agreement with the authors.

In addition the organisers are welcome to make any presentation on the following subjects:

- Related legislation and recommendations (by EU, WHO, ICRP, etc.) and they implementation in the national regulation
- Potential sources of radioactive contamination
- Case study of incident or accident
- Bio-indicators for specific radionuclides
- Radioanalytical and sampling techniques
- Quality control and accreditation

Background Information:

The workshop is organised to support the interest expressed by many European laboratories to develop their environmental monitoring capabilities to support the decision making process in case of nuclear emergency and to get a reliable information about the current status of the environment.

Participation:

The workshop is open to up to 32 participants from laboratories, which are from the European region and relevant partners. Participants will be selected based upon their practice and position in the environmental control work. Priority will be given to those laboratories, which are involved in the country wide monitoring programme and already have radioanalytical capacity including gamma-ray spectrometry, radiochemical laboratory for separation and measurement of alpha and beta emitter radionuclides.

Participants' Qualifications:

The participants should be experienced in sampling, radioanalytical techniques and have a basic knowledge of data evaluation (EXCEL).

Nomination Procedure:

Nominations for the Regional workshop should be submitted to the IAEA online through the Technical Cooperation Department's InTouch system (<http://intouch.iaea.org>). Should this not be possible, nominations may be submitted on the standard IAEA Nomination Form for Workshop and National Consultant (available on the IAEA website: <http://www.iaea.org/>). Completed forms should be endorsed by relevant national authorities and returned to the Agency through the official channels, i.e. the designated National Liaison Office for IAEA Matters.

The completed nomination forms should be sent to the Programme Management Officer for this project, Ms Carmina Jimenez De Bergant, through IAEA Official Fax (+43-1-26007) or E-Mail (Official.Mail@iaea.org), not later than **9 September 2016**. Nominations received after this date or which have not been routed through the established official channels cannot be considered.

**Administrative
and Financial
Arrangements:**

Nominating Governments will be informed in due course of the names of the candidates who have been selected and will, at that time, be given full details of the procedures to be followed with regard to administrative and financial matters.

Selected participants from countries eligible to receive technical assistance will be provided with a round trip economy class air ticket from their home countries to Vilnius, Lithuania, and a Daily Subsistence Allowance (DSA) at the prevailing UN Rate. Shipment of accumulated workshop materials to the participants' home countries is not the responsibility of the IAEA.

The organizers of the workshop 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 workshop, and it is clearly understood that each Government, in nominating participants, undertakes responsibility for such coverage. Governments would be well advised to take out insurance against these risks.