



**International Symposium on Isotope Hydrology and  
Integrated Water Resources Management**

**19-23 May 2003  
Vienna, Austria**

organized by the  
**International Atomic Energy Agency (IAEA)**

**ANNOUNCEMENT  
and  
CALL FOR PAPERS**

## **1. INTRODUCTION**

Scarcity of freshwater, degradation of its quality, and increasing demand has motivated ongoing concern in the international community for more effective utilization of freshwater resources. The IAEA's symposia on the use of isotope techniques in water resources development and management have become a recurrent event held every four years. They have provided an international forum for a comprehensive review of the present state-of-the-art and recent advances made in this specific field as well as a basis for delineation of further research and development needs. The year 2003 marks the 40<sup>th</sup> anniversary of the first IAEA water resources symposium. Increasing use of isotope techniques over the past four decades, in part due to efforts of IAEA, has enhanced availability and effective use of isotopes to address water resources management issues. On this occasion, the Symposium will address the major themes of the meeting by featuring invited reviews from both pioneering scientists and contemporary experts.

## **2. AUDIENCE and TOPICS**

The Symposium will cover a multi-disciplinary spectrum of research and applications of isotope techniques. The participation of isotope specialists, hydrologists, hydrogeologists, geochemists, environmental scientists and water managers is welcomed. The Organizers further encourage the participation and contribution of graduate students in these fields. The IAEA welcomes high-quality contributions that demonstrate the application of isotopes as an integrated part of water resources science and management practices, particularly in the following areas:

- Water cycle processes in the atmosphere and hydrosphere, including surface water, groundwater, and watershed-based studies
- Age dating of young groundwaters
- Water, carbon and nutrient cycling processes at the land-ocean-atmosphere interface
- Recent advances in analytical techniques for isotope hydrology
- Field applications of isotopes in groundwater or surface water resources management

It is expected that the Symposium will stimulate the international exchange of information and ideas that will contribute to greater accessibility and enhanced use of isotope techniques in local, regional and global water resources investigations.

## **3. PAPERS and POSTERS**

Concise papers on issues falling within the topics outlined in Section 2 above may be submitted as contributions to the Symposium. All papers, apart from invited review papers, must present original work; they should not have been published elsewhere.

#### **(a) Submission of Extended Synopses**

Persons who wish to present a paper or poster at the Symposium must submit an extended synopsis (in English) together with the completed Form for Submission of a Paper (**Form B**), and the Participation Form (**Form A**) to the competent national authority for official transmission to the IAEA in time for them to be received by the IAEA by **6 November 2002**. The synopsis should be sent electronically to the IAEA Scientific Secretariat, e-mail: [confisohis@iaea.org](mailto:confisohis@iaea.org). Authors are urged to make use of the Extended Synopsis Template in Word 2000 on the Symposium webpage. The specifications and instructions for preparing the synopsis and how to use the synopsis template are given in the attached "Instructions on how to prepare the extended synopsis and how to submit it electronically". Attached to this Announcement is a sample extended synopsis.

The synopsis will be considered by the Programme Committee only if the Participation Form A and Paper Submission Form B have been received by the IAEA through the official governmental channels.

#### **(b) Acceptance of papers/posters**

Authors will be informed whether their paper has been accepted by the Programme Committee on the basis of the extended synopsis submitted. At the same time authors will be advised if it has been accepted for oral presentation or for presentation as a poster, and will be informed of the assigned paper number and session of presentation. The accepted synopses will be reproduced in unedited form in the Book of Extended Synopses.

### **4. PARTICIPATION**

All persons wishing to participate in the Symposium must send a completed Participation Form (Form A) to the competent official authority (Ministry of Foreign Affairs or national atomic energy authority) for subsequent transmission to the IAEA. A participant will be accepted only if the Participation Form is transmitted through the competent official authority of a Member State of the IAEA or by an organization invited to participate.

Participants whose official designation has been received by the IAEA will receive further information on the Symposium approximately two to three months before the meeting. This information will also be posted on the Symposium webpage under: <http://www.iaea.org/worldatom/Meetings/>.

## 5. EXPENDITURES

No registration fee is charged to participants.

As a general rule, the IAEA does not pay the cost of attendance, i.e. travel and living expenses, of participants. However, limited funds are available to help meet the cost of attendance of selected specialists from Member States eligible to receive technical assistance under the IAEA's Technical Co-operation Programme. In general, not more than one grant will be awarded to any one country.

Some limited funds will also be available to help meet the cost of attendance of a small number of students of the subject areas mentioned in Section 2 of this Announcement. To be eligible a student should be the first author of an oral or poster paper.

If governments wish to apply for a grant on behalf of one of their specialists/students, they should address specific requests to the International Atomic Energy Agency to this effect. Governments should ensure that applications for grants:

- (a) be submitted by **6 November 2002**
- (b) be accompanied by a duly completed and signed Grant Application Form (as attached).

Applications which do not comply with the conditions mentioned under (a) and (b) cannot be considered.

The grants awarded will be in the form of lump sums usually covering only part of the cost of attendance.

## 6. SYMPOSIUM PROCEEDINGS

It is intended to publish papers presented at the Symposium in a special issue of the international journal *Hydrological Processes* (subject to peer review). Further details will be provided after the extended synopses have been reviewed.

It is also foreseen that topical review articles prepared by invited speakers will be peer-reviewed and published, along with selected paper contributions, as a book by a reputable scientific publisher.

## 7. WORKING LANGUAGE

The working language of the meeting will be English. All communications, synopses, abstracts and papers must be sent to the Agency in English.

## **8. DISTRIBUTION OF DOCUMENTS**

A preliminary programme of the Symposium will be sent to the participants before the meeting.

The final programme and the Book of Extended Synopses will be distributed at registration.

## **9. ACCOMMODATION**

Detailed information on accommodation and other items will be sent directly to all designated participants approximately two to three months before the meeting.

## **10. VISA**

Designated participants who require a visa to enter Austria should submit the necessary application to the nearest diplomatic or consular representative of Austria as soon as possible. Please note that Austria is a Schengen State and therefore persons who require a visa will have to apply for a "Schengen visa" at least 14 days before entry into Austria. 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. At present the Schengen States are: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Italy, Luxemburg, Netherlands, Norway, Portugal, Sweden and Spain.

## **11. SECRETARIAT**

The address of the Secretariat is:

International Atomic Energy Agency  
IAEA-CN/104  
Vienna International Centre  
P.O. Box 100  
Wagramer Strasse 5  
A-1400 Vienna  
Austria

Telephone No.: (+43) - 1 - 2600 (0) plus extension  
Telex No.: (+43) - 1 - 12645  
Telefax No.: (+43) - 1 - 26007  
Electronic mail: [official.mail@iaea.org](mailto:official.mail@iaea.org)

The Scientific Secretary of the Symposium is Mr. P. Aggarwal, Division of Physical and Chemical Sciences, (telephone extension 21735 & ext. 21736 and e-mail address: [confisohis@iaea.org](mailto:confisohis@iaea.org)). Meeting organization is provided by Ms. K. Morrison, Conference Service Section, Division of Conference and Document Services (telephone extension 21317 & ext. 21311 and e-mail address: [k.morrison@iaea.org](mailto:k.morrison@iaea.org)).

## **12. CHANNELS OF COMMUNICATION**

The Participation Form, and as applicable the Form for Submission of a Paper, together with two copies of each synopsis, and the Grant Application Form, should be sent to the competent official authority (Ministry of Foreign Affairs, national atomic energy authority) for transmission to the International Atomic Energy Agency.

Subsequent correspondence on scientific matters should be sent to the Scientific Secretary and correspondence on administrative matters to the IAEA Conference Service Section.

## **13. SYMPOSIUM WEBPAGE**

Please visit the IAEA Symposium webpage regularly for new information regarding the Symposium under:

<http://www-pub.iaea.org/MTCD/Meetings/Announcements.asp?ConfID=104>