



International Symposium on Advances in Isotope Hydrology and its Role in Sustainable Water Resources Management (IHS–2007)

21 – 25 May 2007

Vienna, Austria

ANNOUNCEMENT AND CALL FOR PAPERS

1. Background and Objectives

The quadrennial IAEA isotope hydrology symposia provide an international forum for a comprehensive review of the state of the art and recent advances in this field. The symposia also facilitate the transfer of information, knowledge and interactions between developed and developing countries.

Isotopes are increasingly being used to address many of the challenges in sustainable water resources management. The integration of these tools with classical methods and spatial information technologies has been growing rapidly over the past several years. These have provided unsurpassed capabilities to apply nuclear and geochemical techniques in complex hydrological systems.

The main objectives of this symposium are to:

- Review the state of the art in isotope hydrology
- Outline recent developments in the application of isotope techniques for water resources management
- Identify future trends and developments for research and applications

2. List of Topics

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:

- Analytical developments
- Moisture Isotopes in the Biosphere and Atmosphere
- Rivers and surface water
- Development of deep groundwater resources
- Isotope hydrology and ecosystems
- Urbanization and water resources management
- Water management in dry land agriculture and irrigation systems
- Integration with economic, social and cultural aspects
- Research frontiers and innovative applications

3. Symposium Format

Keynote speakers will be invited to present topical reviews or new developments and will be accompanied by plenary sessions. The majority of contributed papers will be in the form of poster presentations to facilitate discussion and interaction. Some technical sessions are also being planned in conjunction with a mid-conference cruise on the Danube River.

4. Papers and Posters

Contributions to the symposium are welcome, particularly those that address the topics outlined above.. All papers, apart from invited review papers, must present original work; they should not have been published elsewhere. All contributions, solicited and contributed, will be published in an edited proceedings volume (see below).

(a) Submission of Abstracts

Persons who wish to present a paper or poster at the Symposium must submit a short abstract of 150 words (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 **1 October September 2006**. The abstract should also be sent electronically to the IAEA Scientific Secretariat, e-mail: ihs@iaea.org (See attached sample abstract).

The abstract 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 abstract submitted. At the same time authors will be advised if it has been accepted for oral presentation or for presentation as a poster.

(c) Submission of Full Paper

The deadline for submission of the full paper is **15 March 2007**.

The full paper(s) should be of maximum 6 pages except for invited papers that may be up to 8 pages. Instructions and templates for preparing papers will be available on the symposium website.

Potential contributors will need to submit papers by the deadline above. An edited conference proceedings volume is planned that will contain all contributions to IHS-2007 (invited and contributed) and will be published by the IAEA soon after the symposium.

5. Participation

All persons wishing to participate in the symposium must send a completed Participation Form (Form A) through the competent official authority (Ministry of Foreign Affairs or national atomic energy authority) 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 website.

6. Expenditures

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 IAEA Member States mainly from developing countries with low economic resources. In general, not more than one grant will be awarded to any one country. Multiple participations from any one country will be considered depending upon the availability of funds.

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

- (a) be submitted by **1 September 2006**
- (b) be accompanied by a duly completed and signed Grant Application(**Form C**)

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.

7. Distribution of Documents & Proceedings

A preliminary programme of the symposium will be posted on the conference website as soon as available. The final programme and a book of abstracts of will be printed by the IAEA for distribution at the Symposium. An edited conference proceedings volume is planned that will contain all contributions to IHS-2007 (invited and contributed) and will be published by the IAEA soon after the symposium.

8. Working Language

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

9. Exhibition

A limited amount of space will be available for commercial vendors' displays/exhibits during the Symposium. Interested parties should contact Mr. K.M. Kulkarni by e-mail: K.Kulkarni@iaea.org before **01 September 2006**.

10. Accommodation

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

11. Visa

Designated participants who require a visa to enter Austria (Schengen State), should submit the necessary applications to the nearest diplomatic or consular representative of Austria or any other consular authority of a Schengen partner State representing Austria as early as possible (please note that this procedure may take up to three weeks).

12. Symposium Secretariat

The address of the Secretariat is:

International Atomic Energy Agency
IAEA-CN-151
Vienna International Centre
P.O. Box 100, Wagramer Strasse 5
A-1400, Vienna
Austria

Telephone No.: (+43)-1-2600 (0) plus extension
Telefax No.: (+43)-1-26007
E mail: official.mail@iaea.org

For the scientific matters and paper submission, please contact Mr. K.M. Kulkarni, Isotope Hydrology Section, Division of Physical and Chemical Sciences, (telephone extension 21758 and e-mail address: ihs@iaea.org). Symposium organization is provided by Ms. H. Schmid, Conference Service Section, Division of Conference and Document Services (telephone extension 21316 & ext. 21311, e-mail address: h.schmid@iaea.org).

13. Channels of Communication

The Participation Form, and if applicable, the Form for Submission of a Paper together with a copy of the abstract, and if applicable, the Grant Application Form, should be sent through the competent official authority (Ministry of Foreign Affairs, national atomic energy authority) to the International Atomic Energy Agency.

Subsequent correspondence on scientific matters should be sent to Mr. K.M. Kulkarni, Isotope Hydrology Section and correspondence on administrative matters to Ms. H.Schmid, Conference Service Section.

14. Symposium website

Please visit the IAEA Symposium website regularly for new information:

<http://www-pub.iaea.org/MTCD/Meetings/Announcements.asp?ConfID=151>