

## Contact Persons

Scientific matters and paper submission

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Information on submission of abstracts, papers, grants, template for papers, etc. can be obtained from the conference web page:

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

Please include reference number IAEA-CN-151 in all communications.

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Vienna International Centre  
Vienna, Austria  
21-25 May 2007

Organized by the  
International Atomic Energy Agency

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

## 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

## List of Topics

- 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

## Meeting Format

Keynote speakers will be invited to present topical reviews or new developments. Contributed papers are welcome on the above mentioned topics. There will be ample time for interaction through extended poster sessions. Some technical sessions are also being planned in conjunction with a cruise on the River Danube.

## Proceedings

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. Papers should have a maximum length of 6 pages, except for invited papers which may be up to 8 pages. Instructions and templates for preparing papers will be available on the symposium web site.

## Important dates

Submission of abstract (150 words):  
1 October 2006

Selection of papers:  
17 November 2006

Deadline for submission of full papers:  
12 February 2007

Deadline for submission of revised  
(if necessary) papers:  
15 March 2007

## Registration

There is no registration fee

## Language

The symposium will be held in English.