

Contact persons

Scientific matters and paper submission

ENVIRONMENT PROGRAMME

Mr. Hartmut NIES
Marine Environment Laboratories Monaco
International Atomic Energy Agency
Tel: +377 9797 7201, +377 9797 7215
Fax: +377 9797 7273
Email: Monaco-Symposium@iaea.org

WATER RESOURCES PROGRAMME

Mr. Brent NEWMAN
Isotope Hydrology Section
International Atomic Energy Agency
Tel: +43 1 2600 21742
Fax: +43 1 26007
Email: Monaco-Symposium@iaea.org

Participation, grant application and administrative matters

Ms. Martina KHAELSS
Conference Service Section
International Atomic Energy Agency
Tel: +43 1 2600 21315
Fax: +43 1 26007
Email: M.Khaelss@iaea.org

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

<http://www-pub.iaea.org/MTCD/meetings/Announcements.asp?ConfID=38297>

Please include reference number IAEA-CN-186 in all communications.

VENUE

Oceanographic Museum of Monaco



International Atomic Energy Agency

P.O. Box 100
Vienna International Centre
1400 Vienna, Austria



Water
Resources
Programme



Environment
Programme

International Symposium on Isotopes in Hydrology, Marine Ecosystems, and Climate Change Studies

Oceanographic Museum of
Monaco

27 March – 1 April 2011

Organized by the
International Atomic Energy Agency
Hosted by
the Principality of Monaco



¹³⁷Cs ²¹⁰Po ²¹⁰Pb ¹²⁹I ²²⁶Ra ²²²Rn ²³⁹Pu ²⁴¹Am ²³⁸U

²⁴⁰Pu ²⁴¹Pu ²³⁵U

IAEA-CN-186

Background and Objectives

The symposium will analyse and review the current status of the application of a spectrum of isotope techniques in hydrology, marine ecosystems and climate change. Isotope specialists, hydrologists, hydrogeologists, oceanographers, marine specialists, geochemists, environmental scientists and water managers are expected to participate in this event.

It is hoped that this joint symposium will stimulate the international exchange of information and ideas that will contribute to greater accessibility and enhanced use of isotope techniques at local, regional and global scales in the areas of water resources, climate change and the marine environment.

The symposium is organized on the occasion of the 50th anniversary of the IAEA Marine Laboratories, established in the Principality of Monaco on 10 March 1961.

Scientific Topics

The major themes of the symposium will be:

- The role of isotopes in understanding and modelling climate change, marine ecosystems and water cycle;
- Carbon dioxide sequestration and related aspects of the carbon cycle;
- Isotopes in groundwater flow modelling for large aquifers;
- Analytical methods and instrumentation.

Contributions on all aspects of isotope applications relevant to water resources management, terrestrial and marine environments and climate studies are welcome as poster presentations.

Meeting Format

There will be four plenary sessions on the themes listed above and poster sessions for contributed papers. In the plenary sessions, keynote speakers will be invited to present reviews on recent developments and trends. An extended panel discussion will follow the presentations.

Contributed poster papers are welcome. There will be ample time for discussion and interaction with colleagues through extended poster sessions.

A final roundtable session will be held to outline and summarize the main issues addressed in the symposium.

Proceedings

Edited symposium proceedings will be published by the IAEA. Selected papers will be considered for a special issue in a scientific journal. The length of keynote manuscripts will be limited to ten pages, while the contributed poster papers should be no more than six pages in length.

A book of abstracts, with each abstract limited to 150 words, will be distributed at the symposium.

Deadlines

- Submission of abstracts (150 words) and grants application: 1 October 2010
- Selection of papers: 15 November 2010
- Submission of full papers: 15 February 2011
- Submission of revised papers: 10 March 2011

Registration

Symposium attendance is limited to 300 participants. On-line registration is possible through the symposium web page.

There is no registration fee.

Language

The symposium will be held in English.

