# 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



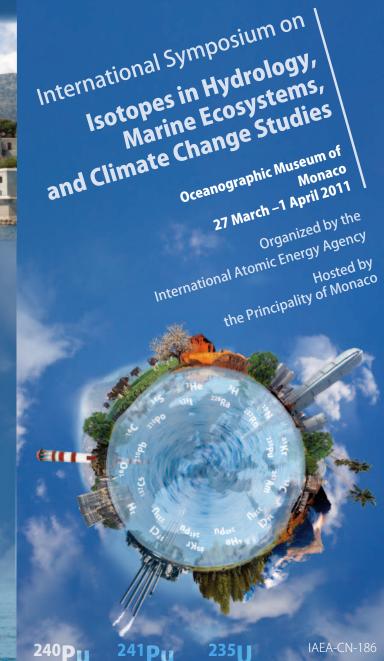
International Atomic Energy Agency

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









# 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

dited 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.