

## WORKING LANGUAGE

The working language of the conference will be English.

## REGISTRATION FEE

No registration fee is charged to participants.

## CONFERENCE WEB SITE

Detailed information on administrative procedures including participation and registration is provided on the conference web site:

<http://www-pub.iaea.org/MTCD/Meetings/Announcements.asp?ConfID=40049>

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"Water is one of our most valuable natural resources and is essential for good health and economic development. By using nuclear techniques, we can help to ensure that fresh water flows for generations to come."

Yukiya Amano  
Director General, IAEA

# WATER MATTERS

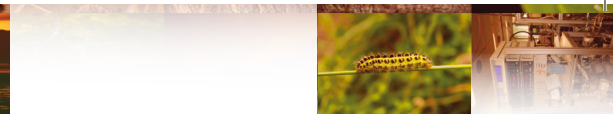
International Atomic Energy Agency

**SCIENTIFIC FORUM**

20–21 September 2011

Vienna, Austria

**Making a Difference with  
NUCLEAR TECHNIQUES**



## BACKGROUND

Water — a basic human need — is vitally important for sustainable development and at the same time a scarce resource.

Nearly a billion people still lack access to adequate drinking water. For almost fifty years, the IAEA has promoted the use of nuclear techniques that can make a significant contribution to dealing with key water challenges. Cooperating closely with its Member States, international organizations and other partners, the IAEA assesses water resources and works towards improving water productivity and water use efficiency in agriculture. Nuclear techniques are also used to assess marine pollution, track ocean acidification and improve our understanding of climate change.

The objective of the IAEA 2011 Scientific Forum is to engage Member States and international stakeholders on key water issues, draw attention to major deficiencies and demonstrate the benefits of nuclear techniques in dealing with these problems.

During the Scientific Forum, a moderator will guide the discussions with international experts and government officials on the podium and in the audience to ensure a stimulating and interactive event.

## SESSION 1

Introduction

Opening statement by IAEA Director General Yukiya Amano.

## SESSION 2

Water Matters: Making More Water Available

As nations struggle with increased water scarcity, the IAEA is helping to create scientific assessments of aquifers within national borders to support their sustainable use and to strengthen cooperation among neighbours on shared resources. This session will highlight the global challenges in water availability and underline where nuclear technologies can help.

## SESSION 3

Water Matters: Tackling Water Scarcity and Saving Water in Agriculture

It is important to address issues that affect agricultural water management and to increase water's efficient use in agriculture. This session will focus on coping with droughts, floods and changing weather patterns in diverse agricultural systems, using examples from different regions and providing a forum for the exchange of ideas and solutions involving nuclear technology.

## SESSION 4

Water Matters: Protecting the Oceans

Preservation of a healthy aquatic environment and sustainable development of aquatic resources are major tasks for the IAEA. The IAEA's Environment Laboratories in Monaco help Member States to better understand how to monitor and protect the oceans. This session will focus on the global challenges in assessing and protecting the aquatic environment with the use of nuclear techniques.

## SESSION 5

Closing session.

