



المنتدى الدولي حول ندرة و حصاد المياه و التحكم في المناطق شبه القاحلة

## INTERNATIONAL FORUM ON WATER SCARCITY AND HARVESTING IN ARID and SEMIARID AREAS (IFWSH-ASA)

23 – 26 November 2015

بالغردقة جمهورية مصر العربية





## FORUM OBJECTIVES

The **ISWSH 2016: INTERNATIONAL SUMMIT ON WATER SCARCITY AND HARVESTING** aims to bring together leading academic scientists, researchers and research scholars to exchange and share their experiences and research results about all aspects of water scarcity and water harvesting. The summit will demonstrate the recent progress of different techniques (e.g. Nanotechnology and de-salinization) in providing practical solutions of water shortage. It also provides the premier interdisciplinary forum for policy makers, researchers, practitioners and educators to present and discuss most recent innovations and trends. Practical challenges encountered and solutions adopted, in the field of water scarcity and Sustainable water management will be highlighted.

The summit will increase the visibility and scope of the organizing institutions through linkage with international scientific societies. It will contribute to Research and technological development in capacity building and management in the field of water scarcity and water harvesting. Moreover, the event will enhance international cooperation in the fields of the summits interest.

Selected papers from the **ISWSH** will be published, after the peer-review process, in special issues of regularly issued scientific journals (Based on the published theme). These journals include The Egyptian Journal of Remote Sensing and Space Sciences (EJRS) and Journal of Science Space Technologies (JSST).

## FORUM THEMES

The themes for the summit will focus on, but not limited to the following main axes:

- Aridity
- Climate changes
- Drought Monitoring
- Water pollution
- Water management
- Unconventional water resources
- Utilization of remote sensing and GIS in water related themes
- Environmental degradation
- Water harvesting
- Groundwater
- Advanced techniques in water management (Nanotechnology, hyperspectral and radar applications)
- Food security.

## VENUE LOCATION

**Hurghada, Egypt,**  
**23<sup>th</sup>-26<sup>st</sup> of November 2014**

## IMPORTANT DATES

- Deadline submission of abstracts: 15/10/2015
- Notification of acceptance: 20/10/2015
- Final program: 10/11/2015

## CONTACT INFORMATION

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## TARGET AUDIENCES:

- Organizations and bodies, councils and centers of regional, Arab and international Related to the environment and water.
- Ministries, institutions and specialized centers in agriculture and agricultural production, the environment and climate.
- All researchers and specialists in scientific and academic institutions, universities and research bodies and centers of competence.
- Other related parties.

## ORGANIZERS OF THE FORUM:

- The Islamic Educational, Scientific and Cultural Organization (ISESCO).
- Regional Center for Remote Sensing North African countries (CRTEAN).
- Arab Water Council (AWC).
- The Federation of Arab Scientific Research Councils (FASRC).
- National Authority for Remote Sensing & Space Sciences (NARSS).

## INTERNATIONAL ORGANIZING COMMITTEE

**Prof. Mohamed Medhat Mokhtar:** NARSS  
Chairman.

**Prof. Hussein El Atfy:** Secretary General of AWC.

**Prof. Mubarik El Magthoub:** Secretary General of FASRC

**Dr. Aicha Bammoun:** Dir. of Science dep.

**Dr. El hadi Emhemed Gashut :** CRTEAN G.g.

## LOCAL ORGANIZING COMMITTEE

**Prof. Abd-Alla Gad Abd-Alla**

**Prof. Sayed Zagloul**

**Prof. Sayed Madani Arafat**

**Prof. Alaa Hassan El-Nahry**

**Prof. Mahmoud Hussein Ahmed**

**Prof. Mohamed Fouad**

## SCIENTIFIC COMMITTEE

**Prof. Mohamed Ouessar:** IAR & CRTEAN

**Prof. Fathi El-Mansouri:** Vice Secretary of FASRC

**Prof. Tribak Abdel Majid:** Dep. of Science ISESCO

**Prof. Sayed Zagloul**

**Prof. Sayed Madani Arafat**

**Prof. Alaa Hassan El-Nahry**

**Prof. Mahmoud Hussein Ahmed**

**Prof. Mohamed Fouad**

## The papers are sent to the following addresses:

-Regional Center for Remote Sensing North African countries (CRTEAN):

- Dg.crtean@crtean.intl.tn

-The Islamic Educational, Scientific and Cultural Organization (ISESCO):

- atribak@isesco.org.ma

-National Authority for Remote Sensing & Space Sciences. (NARSS):

- abdallagad1@gmail.com

-The Federation of Arab Scientific Research Councils. (FASRC):

- Fas.concil@hotmail.com

## Venue - Hurghada

Today, Hurghada is known as a party town, particularly among Europeans. Locals and others will tell you that life begins at night in Hurghada, with many, many clubs. They are particularly frequented by the young, but certainly many others of all ages. One may often find a rousing party centered around the visitors from a

tour group taking over the action of a particular bar. They are easy to find along the main street, along with loads of inexpensive and expensive hotels.

The unique underwater gardens offshore are some of the finest in the world, justifiably famous amongst divers. The warm waters here are ideal for many varieties of rare fish and coral reefs, which may also be observed through glass bottom boats. This area has many fine accommodations, usually offering warm and efficient service. Restaurants are mostly along the main road. While in Hurghada, don't miss the museum and aquarium, with their complete collections of flora and fauna of the Red Sea.

Islands near Hurghada offer all kinds of fun and excitement. Take a day trip to Giftun Island for snorkeling and a fish barbecue, or view the Red Sea from a submarine! When you're not in the sea you can shop in the boutiques, relax in the luxury holiday villages or visit the Roman Mons Porphyrites (mountain of porphyry) remains at nearby Gebel Abu Dukhan (Father of Smoke).

Day-trips or safaris to explore the Red Sea Mountains by camel or jeep are also available. Other nearby islands and destinations include the Shadwan Island (Diving, snorkeling, fishing but no swimming), Shaab Abu Shiban (Diving, snorkeling and swimming), Shaab el-Erg (Diving, fishing and snorkeling), Umm Gammar Island (Diving and snorkeling), Shasb Saghir Umm Gammae (Diving), Careless Reef (Diving), Abu Ramada Island (Diving), Shaab Abu Ramada (Fishing), Dishet el-Dhaba (Beaches and swimming), Shaab Abu Hashish (Beaches,



diving, snorkeling, swimming and fishing), Sharm el-Arab (Diving, swimming and fishing and Abu Minqar Island (Beaches and swimming).

Read more: <http://www.touregypt.net/hurghada/#ixzz34eXdmIb5>

## **The distinctive privileges of Red Sea**

The Red Sea is a diver's paradise, with the sincerest of warm seas, very little wave action and incomparable visibility. It is considered to be one of the 7 Wonders of the underwater world, sheltering more than 1,000 species of invertebrates and over 200 species of soft and hard coral. This forms the basis of a marine ecosystem which includes 1,100 species of fish, of which just fewer than 20% are endemic to the Red Sea, i.e. these fish species can only be found here. The high level of endemism here is one of the main factors that make Egypt scuba diving so interesting.



The Red Sea dive sites offer you unobstructed opportunities to spot tropical marine life in crystal clear waters, ranging from sharks and dolphins to gorgonian fans and feather-stars. Variety is in no short supply either and depending on where you choose to dive. Your diving holiday can include shallow patch reefs, drift dives and walls, or a collection of some of the most interesting remains you are likely to find anywhere. In other places vibrant reefs stretch out far into the sea and form intricate labyrinths of plateaus, lagoons, caves and gardens.



You could find yourself on a coral garden atop a summit and the next a sheer wall could plunge thousands of feet into dark ocean depths. The Red Sea's abundance of marine life and depths of the reef are a thrill that many divers will tell you are unbeatable.

These dive cruises can take you around the best of the Northern (Sinai Peninsula and the Hurghada wrecks) or Egypt's Southern Red Sea. Breathtaking scuba diving, fantastic boats and inspiring topside scenery all await you here.

For the ultimate holiday of a lifetime, why not combine our promising conference with Red Sea dive trip with an



adventure tour to discover the historical sights of ancient Egypt? You can take an overland tour of Cairo to visit the pyramids, the Sphinx and the famous museums, or a Nile cruise through the Valley of the Kings.