

### Keynote themes:

- Climate change impacts on water resources.
- Water demand management.
- Non conventional water resources management.
- Agricultural use of water resources and environment protection.

### Conference themes:

- Integrated water resources management.
- Water demand management.
- Water use efficiency in agriculture sector.
- Saltiness management in irrigated areas.
- Reuse and valuation of treated wastewater.
- Geothermal and desalinated water use in agriculture.
- Drainage and drainage water use in agriculture.
- Socio-economical aspects.

### Honorary Committee:

Mougou Abdelaziz (IRESA)  
Rejeb Mohamed Nejib (INRGREF)  
Hamdane Abdelkader (DG/GREE)  
Henchi Belgacem (CITET)  
Ennabli Nouredine (INAT)  
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Tarhouni Jamila (INAT)  
Ben Ayed Mohamed (DG/GREE)  
Ouassar Mohamed (IRA)  
Mlaouhi Amor (IRESA)

### Conference language:

English and French will be the conference languages.

### Scientific Committee:

Rodriguez Raphael  
Bazza Mohamed  
Messahel Mekki  
Xanthoulis Dimitri  
Lebdi Fethi  
Musy André  
Zaïri Abdelaziz  
Majd Jamal  
Chenini Faycel  
Huïbers Frans  
Bogliotti Claudio  
Rejeb Saloua  
Soudi Brahim  
Sands Jim  
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Mougou Raoudha  
Hamrouni Hedi  
Chaïbi Mohamed Thameur  
Molle Bruno  
Khanfir Rachid  
Chatanaoui Ahmed  
El Fattal Lamia  
Pai-Yei Whung  
Hachicha Mohamed  
Alouini Awes  
Thomson Lorra  
Bachta Mohamed Salah  
Richard Vanessa  
Louati Hedi  
Trad Raïs Monia  
Tarhouni Jamila

CSCI - Spain  
FAO RNE - Egypt  
ENSH - Algeria  
FUSAGX - Belgium  
INAT - Tunisia  
EPFL - Suisse  
INRGREF - Tunisia  
GCSAR - Syria  
INRGREF - Tunisia  
WU - Neetherlands  
CIHEAM - Italia  
INRGREF - Tunisia  
LAV Hassen II - Morroco  
UoQ - Australia  
LAV Hassen II - Morroco  
INRGREF - Tunisia  
DGAFTA - Tunisia  
INRGREF - Tunisia  
Cemagref - France  
DGRE - Tunisia  
MWI - WA - Jordan  
IDRC - Egypt  
USDA - USA  
INRGREF - Tunisia  
INAT - Tunisia  
IDRC - WaDImena - Canada  
INAT - Tunisia  
OIEAU - France  
ESIER - Tunisia  
INRGREF - Tunisia  
INAT - Tunisia

### Key dates:

- Abstract submission deadline: 25 June 2007
- Notification of abstracts acceptance: 15 July 2007
- Full papers due: 31 August 2007
- Conference dates: 20-21 November 2007

### Correspondance & information:

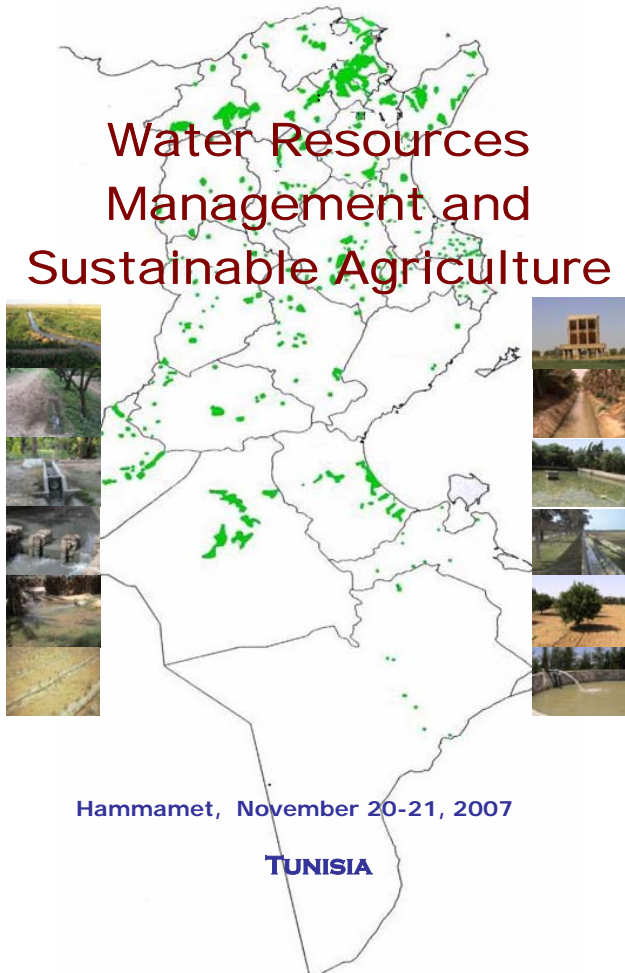
Conference Secretary.  
I.N.R.G.R.E.F., BP 10 – Ariana 2080 Tunisia  
**Tel. :** + 216 71 719 630 **Fax :** + 216 71 717 951  
E-mail : [waterconference-tn@iresa.agrinet.tn](mailto:waterconference-tn@iresa.agrinet.tn)  
[chenini.faycel@iresa.agrinet.tn](mailto:chenini.faycel@iresa.agrinet.tn)  
<http://www.iresa.agrinet.tn/waterconference-tn>



## NATIONAL INSTITUTE OF RURAL ENGINEERING, WATER AND FORESTRY



### International Conference



## Introduction:

In the MENA region, most countries are short of water and have already reached or even gone beyond water scarcity levels. By its geographical situation in this region, Tunisia is characterized by arid to semi-arid climate where renewable water resources per capita represent less than 450 m<sup>3</sup>/year. By 2030, the country will not be able to meet its total water demand. This increase in water demand corresponds to economic patterns shifts and Tunisia's population growth. It is a fact that water needs cannot be satisfied without water users and policy-makers realizing the importance of water management issues. The heaviest water consuming sector is agriculture, which uses more than 80% of total withdrawals. The sustainability of this irrigated agriculture will depend on the tools that will be implemented to achieve water savings and environmental protection.

It is clear that water use for agriculture remains non-optimized and non-rationalized but it has allowed the spread of agricultural activities in semi-arid and arid areas and has contributed to Tunisia's agricultural income stability. However, the efficiency of agricultural uses is one of the strategic challenges and a cornerstone of sustainable agriculture.

With regard to the physical limitations and the low financial profitability of currently unexploited water resources, water demand management as well as the development of alternative water resources prove to be essential.

This international conference fits into the current regional context and Tunisia's policy on the implementation of a series of water resources scheduling and management processes which are planned until 2050. Various projects and recent programs such as PISEAU (investments programme in the water sector) demonstrate Tunisia's strong will to develop this strategic sector.

Recent worldwide environmental concerns related to climate change will also be discussed during this conference in relation with water resources and their sustainable use. In addition, this conference is the main INRGREF scientific event in 2007. It intends to create a forum for exchange and debate on the knowledge of conventional and non-conventional water planning and management under scarcity conditions to enhance sustainable agriculture. It is

also committed to foster dialogue and communication among researchers and national and international specialists during two days and four sessions.

## Objectives:

The main objectives of this international conference are summarized as follows:

- To promote research results and experience related to recent scientific works in the field of water use in agriculture.
- To exchange information between experts, national and international specialists and to benefit from experiences and expertise of other countries in water demand management.
- To promote water demand management.
- To study and analyze management approaches of diffuse pollutions generated by agricultural uses.
- To analyze agricultural practices as regards water consumption in the climate change general context.
- To highlight environmental concerns related to agricultural uses of conventional and non-conventional water resources and to discuss the impacts of agricultural practices on water quality.
- To propose alternative approaches to achieve agricultural sustainability while preserving water resources and environment.
- To reinforce the water sector by promoting scientific tools that can be implemented for an efficient use and an optimal valuation of water resources in agriculture.
- To contribute to the implementation of regional mechanisms for knowledge and optimal practices sharing in the field of water demand management.

### Registration form for the International Conference

## "Water Resources Management and Sustainable Agriculture"

Hammamet - 20 & 21 November 2007 - Tunisia

Last name : .....  
Institution : .....  
Job title : .....  
Address : .....  
Tel. : .....  
Participation : .....  
Title of paper : .....

First name : .....  
Title : .....  
Town : .....  
E-mail : .....  
Fax : .....  
Oral presentation }  
Poster }

Website : <http://www.iresa.agrinet.tn/waterconference-tn>

E-mail : [waterconference-tn@iresa.agrinet.tn](mailto:waterconference-tn@iresa.agrinet.tn)

Please join abstract of maximum 300 words in French or English with authors references ( Name, title, address, email, tel, institution)

