



**The GEOAFRICASCIENCES SOCIETY  
The UNIVERSITY of SULTAN MOULAY SLIMANE  
and  
The FACULTY of SCIENCES and TECHNIQUES of BENI MELLAL (MOROCCO)**

**Organise**

**The 1<sup>st</sup> international colloquium  
REZAS'12 on**

**Water resources in the arid and semi-  
arid regions: challenges and prospects.  
Case of the African continent**



**Béni Mellal 14, 15 & 16 November 2012**

## PRESENTATION

The regular water supply constitutes one of the big challenges of the humanity of this millennium. In Africa, the scarcity of this resource is not an exceptional concept. It rises from the characteristics of the geographical and climatic context of the continent.

In the next decades, the uncertainty of the climatic fluctuations, the population growth, the increase in the socio-economic needs and the position risks will exacerbate the problems of availability of this resource quantity and quality. This will accentuate the tension between supply and demand and lets predict extreme situations in a close horizon. Such situations will reproduce in the future and perhaps even more frequently if one attaches them to the phenomenon of desertification which affects the African West and to the extent of the climate changes to the planetary scale.

The integrated management of fresh water as a limited and vulnerable resource is a prerequisite essential with sustainable development and in the future of the African continent. The integration of programs and sectoral plans on water within the framework of the economic and social policy is of paramount importance for the action at the 21st century. An effective management supposes to integrate knowledge and to cross complementary approaches (hydrological, hydrogeologic, geographical, historical, socio-economic, ecological and political), in order to try to reconcile from the contrasted points of view and to propose adapted answers.

This scientific demonstration is the occasion to exchange, communicate and discover thanks to professionals, actors, researchers, and users, the challenges and the prospects for an effective and rational management of the water resources at the level of the African continent. It will also make it possible to the participants to put the point on the last developments in the field of management and the safeguarding of the water resources by conferences and communications of great interest. To fill these objectives, the conference will comprise many debates, oral presentations and panels on the key challenges of water.

## **OBJECTIVES OF THE COLLOQUIUM**

- To offer to the actors and to researchers in the sector of water a space to share their experiments, their vision and their expectations;
- To put the point on the last developments in the field of management and the safeguarding of the water resources;
- To highlight the fundamental teaching principles and methodological requirements of an approach of education in the sector of water;
- To make the inventory of knowledge on the water resources of the African continent;
- To pose the problems concerning the prospective requirements out of water for the cities and rural environment in Africa.

## **THEMES OF THE COLLOQUIUM**

- Stock management: space distribution, supply and demand;
- Modeling of the karstic systems, complex mediums;
- Hydrogeology and hydrology at the time of climate changes;
- Water quality, town planning and health: a trilogy to fight against poverty;
- Water, energy, irrigation: factors of development and food safety;
- Water, environment, durable management and of the hydrous catastrophes;
- Woman, education and training relating to water;
- African network of the data, the consequences and competences in answer to the policy issues of the 21st century.

## **PUBLIC CONCERNED**

Participants implied in the related questions in water and sustainable development as representatives of the public sector, the private sector, the universities, the research institutes, associations but also of the elected officials.

## **SCIENTIFIC PROGRAMME**

The scientific programme consists of :

- Plenary conferences on the various topics of the colloquium;
- Oral communications and posters;
- Panels.

## COMMUNICATION

2 pages maximum (*see format below*)

## LANGUAGES OF THE COLLOQUIUM

- Arabic
- French
- English

## COMMITTEES

### ORGANISING COMMITTEE

Saïd BADRANE (CNRST, Rabat)  
Ahmed BARAKAT (FST, Béni Mellal)  
Abdelhalim BENYOUCEF (FST, Béni Mellal)  
Mohammed ELBAGHDADI (FST, Béni Mellal)  
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Rachida SAJI (FST, Béni Mellal)  
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### STEERING COMMITTEE

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Tahar AIFA (University of Rennes 1, France)

### SCIENTIFIC COMMITTEE

Tahar AIFA (University of Rennes 1, France)  
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Lhoucine BOUCHAOU (FS Agadir, Morocco)  
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Albert CASAS (University of Barcelona, Spain)  
Larbi DJABRI (University of Annaba, Algeria)  
Mohammed EL BAGHDADI (FST, Béni Mellal, Morocco)  
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Ahmed FOUGHALI (FS, Marrakech, Morocco)  
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Abdelkader SAADALLAH (SaadGeo, Stavanger, Norway)  
Jean Luc SEIDEL (University of Montpellier 2, France)  
Ahmed Chérif TOUBAL (USTHB Algiers, Algeria)  
Jean VAN DEN DRIESSCHE (University of Rennes 1, France)



## IMPORTANT DATES

- 20 November 2011 : First circular
- 20 January 2012 : Second circular
- 30 June 2012 : Deadline of Abstracts reception
- 30 July 2012 : Notification of acceptance
- 25 September 2012 : Final Programme of the meeting
- **14 & 15 November 2012** : Colloquium
- **16 November 2012** : Field trip

## PARTICIPATION FEES

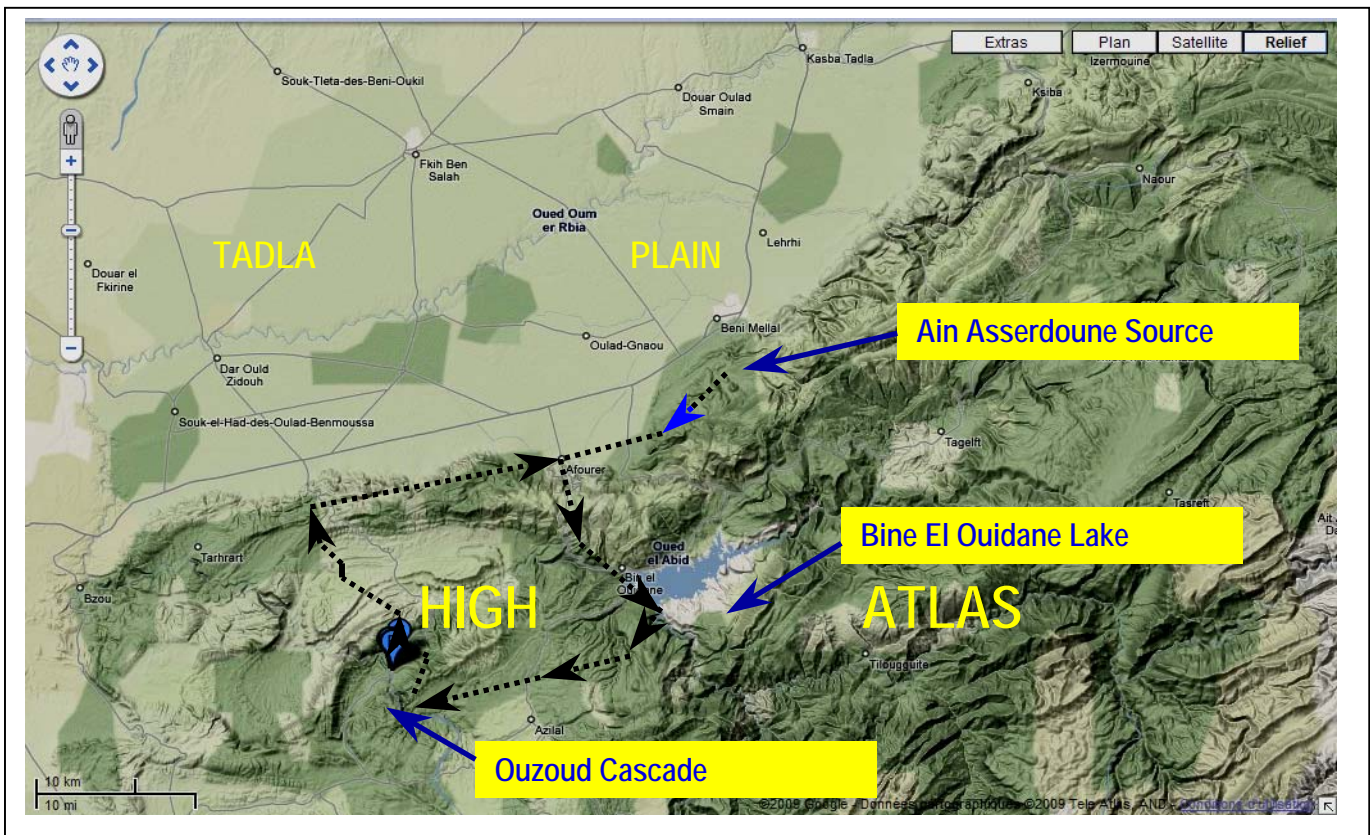
The registration fees are fixed as follows :

- Student-researchers : 50 €
- Teacher-researchers : 100 €
- Industrialists : 250 €

The registration fees give the right to the following services:

- Acts and the various documents concerning the seminar
- Meals (lunch + diner)
- Coffee breaks

The expenses of participation to the field trip are fixed at : 150 €



.....➔ Route of the excursion

## CORRESPONDENCE

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# FORMAT OF THE COMMUNICATION

## TITLE

Name Surname of the speaker<sup>1</sup>, Name Surname of the author<sup>1</sup><sup>2</sup>, Name Surname of the author<sup>2</sup><sup>3</sup>

<sup>1</sup> Address, E-mail of the speaker

<sup>2</sup> Address, E-mail of the author1

<sup>3</sup> Address, E-mail of the author2

## Abstract

At least 1 page or a maximum of 2 pages.

Send the Word file (**Surnamespeaker.doc**) by E-mail to [rezasafrica@gmail.com](mailto:rezasafrica@gmail.com) and after registration (see submission of papers on p.8), upload a copy at :

<http://www.easychair.org/conferences//?conf=rezas12>

The abstract must be written in “Times 12” character, does not have to exceed 2 A4 pages and must be presented in the following way :

- The margins are of 2.5 cm each side.
- The line space is simple with a tabulation (1 cm) at the beginning of the new paragraphs.
- The title of the manuscript “in bold” and “capital letters”
- The first names then the surnames of the authors must appear immediately below the title, followed in “Times 10” character by the affiliation and the E-mail address.
- The symbols must be defined at the place where they are introduced for the first time.
- A list of bibliographical references will be placed at the end of the document and in the alphabetical order. It will comprise in the order: surnames followed by initials of the first names of the authors (in capital letter), the year of publication between brackets, the title of the reference, the journal name, or the editor if it acts of a book, volume, the number of the journal and the numbers of the first and the last pages in the case of an article or the number of pages for a book or a thesis.

All the references must be quoted in the text.

The figure captions must be included in the Word file below the figures and not within the figures themselves.

The abstract version must be sent by e-mail and uploaded through easychair system.

## References

Authors, (year). Title. Journal, Volume, pages.

### Publication of a post-colloquium special volume :

The potential papers, after traditional reviewing, will be published in *J. hydrocarb. mines environ. res.* (<http://jhmer.univ-rennes1.fr>).

Please check and read carefully the “Instructions for authors” on the website of the mentioned journal before submission:

[http://jhmer.univ-rennes1.fr/Instructions\\_for\\_Authors.htm#ancreinstructions](http://jhmer.univ-rennes1.fr/Instructions_for_Authors.htm#ancreinstructions)

## SUBMISSION OF PAPERS

Submission of abstract or full paper should be in Word format. The **template** used for the preparation of submissions can be downloaded at:  
[http://jhmer.univ-rennes1.fr/Template\\_jhmer.doc](http://jhmer.univ-rennes1.fr/Template_jhmer.doc)

### **SUBMISSION DEADLINE : June 30th 2012**

Submission process can be completed according to one of the two methods:

**METHOD 1:** This method is preferable because it allows effective handling of your submission using the platform **EasyChair**. You will be able at any time to view the status of your submission. To adopt this method, follow the steps below:

**Step 1:** visit <http://www.easychair.org/conferences/?conf=rezas12>

**Step 2:** If you do not have an **EasyChair** account, take a few minutes and create a free account

**Step 3:** Connect with your **EasyChair** account information, and follow the instructions on the screen by filling out the required fields, and downloading files when required.

**Step 4:** You will receive information on the status of your submission, **make sure** your email provider (yahoo, gmail, etc.) does not delete messages coming from the address: ...@**easychair.org**

**METHOD 2:** Send your submission to the following address: [rezasafrika@gmail.com](mailto:rezasafrika@gmail.com)

Arrangements have been taken to allow authors presenting a good quality work at the conference to publish it in a peer-reviewed journal.



## REGISTRATION FORM

**Surname and name :**.....

**Affiliation :**.....

**Position :**.....

**Address :**.....

..... **City (with postal code):**

.....

**Tel :**..... **Fax :**.....

**E-mail :** .....

**Nature of the participation:** Oral Communication  Poster  Others

(precise).....

**Title of the communication or poster:**.....

.....

.....

**Authors :** .....

**Participation to the Field trip:** Yes  No

Date ..... signature : .....

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