

## Groupe de Réflexion sur le Développement Durable

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### International Symposium "Water, Recycling and Waste Valorisation ", ERVD'4 Ifrane, Morocco, 26 and 27 October 2016.

#### 1- INVITATION AND CALL FOR PAPERS

The Think Tank on Sustainable Development , **GRDD** continues its activities and interventions in all sectors related to the issue of sustainable development in our countrys : water quality , the role of education and training, environment, human rights ...

After the success of its first, second and third editions, RVD'1, ERVD'2 and ERVD'3, in May 2012, june 2014 and october 2015, where , for once, in an event organized by the university, there were more industrial than academics, the international conference on "The water, Recycling and Waste Valorisation " **ERVD'4**, labeled COP22, jointly organized by the GRDD, Al Akhawayne University of Ifrane, 26 and 27 October 2016 in Ifrane, will be an opportunity to show that water recycling is now the third source of water, after the accessible fresh water and desalination. That mineral and organic waste is a very cheap gold mine for many countries forced to import the most of their needs in various materials and energy.

You are cordially invited to register to participate in this meeting, wich we want at a very high level . We thank you for the honor to attend and take advantage of discounts on the registration fee before September 9th, 2016 . The articles selected by the scientific committee of the congress will be submitted for publication in a special issue of a scopus indexed journal.

#### 2- PRESENTATION

The international symposium on "Water , Recycling and Waste Valorisation " **ERVD'4** will be an opportunity to:

- Consolidating the achievements of the first editions , particularly regarding partnerships between laboratories , between research groups and industry, between universities , etc. .
- Educate decision makers and political and economic operators of the country on issues of this strategic sector for sustainable development in our country.

- Promote national scientific research in the fields of water treatment and management recycling and recovery of waste .
- Gather the actors involved in areas of water and waste.
- Strengthen scientific exchanges between national and international researchers in this field.
- Presentation of the latest scientific and technological advances in these areas.
- Make recommendations for the development of these strategic sectors in our country.

Sustainable development is a compromise between economic development , preservation of the environment and social equity . This balance between the three components of sustainable development , is difficult to maintain, but it is the price to pay for a guarantee of development and a better quality of life for our grandchildren and their grandchildren after them . But proper management of solid waste sector , liquid and gas , and then the recycling and recovery of waste which may be, are factors which determine in large part how we respect the environment and are working for sustainable development in our country.

We organize the Conference on 26 and 27 October 2016, in Ifrane , and will try to show what's new in the field of management recycling and recovery of waste and in the field of waste water treatment for a sustainable development. Renowned speakers will attempt to address some aspects of this topic to contribute to the debate already underway in this area, focusing on the role which should be played by the University , including awareness of the importance of waste management in the context of sustainable development for all humanity .

#### **Some participants in this event :**

Mme Hakima El Haite Ministre déléguée chargée de l'environnement, M. Le Wali de la Région Fès-Meknès, M. Le Gouverneur d'Ifrane, M. Le Président de la Région Fès-Meknès, M. Le Maire de Fès, Pr. A. Iraqi, ancien Ministre de l'Environnement, Pr. N. Zerouali, ancien Ministre de l'Ens Sup, M. Omar Sobhi, Président de l'Université SMBA de Fès, Pr. Valentin Nenov, Vice-Président Université Bourgas-Bulgarie, M. Azemi Noor, Vice-Président Université de Kuala Lumpur Malaisie, Prof. B. Legube France, Prof. K. Allaf France, M. Farid Zerrouq Président du GRDD, Prof. M. Mounir El Bari, DG GPC, Ali Bamrim Sonasid, H. Maradji, OCP, Mme M.

#### **Some participating countries:**

France , Spain, Belgium , Germany , Bulgaria, USA, Canada , Mexico, Malaysia , Japan , Algeria , Tunisia, Egypt , UAE , Lebanon, Gabon , Togo , Senegal, Ivory Coast and Morocco.

### 3- TOPICS

#### **WATER**

- Water Resources and Management
- Water Treatment
- Water, Energy and Environment
- Pollution of water and “Hydric Transmission Diseases”

#### **RECYCLING AND RECOVERY OF WASTE**

- Recycling of Materials
- Valorisation of Waste
- Stakes of Recycling and Waste Recovery
- Solid Waste Management sector

#### **TECHNOLOGY**

- Innovative Methods for Water Treatment
- New Technologies for Recycling and Waste Recovery
- Catalytic Processes
- Lixiviats Treatment Technologies

#### **CLIMATE**

- Issues of COP22
- Global warming
- The Clean Technology
- The Question of Energy

### 4- COMMITTEES (provisional)

#### **Honorary Committee**

Mme la Ministre Déléguée, chargée de l'Environnement

M. le Wali de la Région de Fès-Meknès

M. le Gouverneur d'Ifrane

M. Le Président du Conseil de la Région de Fès-Meknès

M. Le Président du Conseil de la ville de Fès

M. le Président de la Commune d'Ifrane

M. le PDG de l'OCP Maroc

M. Le SP de l'Académie HassanII des Sciences et Techniques

M. l'Ambassadeur de Malaisie au Maroc

M. le Président de l'Université Al Akhawayne d'Ifrane

M. le Président de l'Université SMBA de Fès

Mme la Directrice de l'ABHS

M. Le Directeur Général de l'ADER Fès

### **Scientific Committee**

Bernard LEGUBE	France
Valentin NENOV	Bulgarie
Jack KALPAKIAN	USA
Karim ALLAF	France
Noor AZEMI	Malaisie
Abdellatif EL BADIA	France
Abdelhak KHERBECHE	Maroc
Mehdi CHAOUCH	Maroc
Mohamed MERZOUKI	Maroc
Belkheir HAMMOUTI	Maroc
Jilali Bentama	Maroc
Farid ZERROUQ	Maroc

### **Organizing Committee**

Farid ZERROUQ (Chairman)	GRDD
Samir EL HAJJAJI (Co-Chairman)	AUI
Fayçal MESSAOUDI	GRDD
Abdellatif EDDAKIR	GRDD
Abdelkrim OUARDAOUI	AUI
Abdellah KHATORY	GRDD
Jak KALPAKIAN	AUI
Youssef MIYAH	GRDD

## **2- IMPORTANT DATES**

September 23th deadline for submission of abstracts (1 page word)

September 25th deadline for submission of full papers

October the first, 2nd circular

September 9th deadline for registration with discounts

26 and 27 of October 2016, conduct of **ERVD'4** International Symposium, AUI-Ifrane

### **3- PROVISIONAL PROGRAMME**

#### **Wednesday 6th october 2016.**

14h Registratiuon of participants  
15h Opening of the Symposium, Opening Ceremony  
15h 50 1st plenary session, Amphi  
Conference 01  
16h 30 Coffee Break,  
17h 2nd plenary session, Amphi  
Conference 02  
Conference 03  
Conference 04  
18h **HOMAGE**  
18h 30 Closing 1st day

#### **Thursday 27th october 2016.**

8h 30 Four workshops (1<sup>st</sup> session)  
9h 00 **BEGINING OF THE POSTER SESSION**  
10h 30 Coffee Break, Poster session  
11h Four workshops (2<sup>nd</sup> session)  
13h Lunch  
14h 30 Four workshops (3<sup>th</sup> session)  
16h 30 Coffee Break, Poster session  
17h **END OF THE POSTER SESSION**  
17h Debate and Recommandations, Amphi  
18h Closing ceremony of the congress

### **4- CONTACT**

**Prof. Farid ZERROUQ,**  
Chairman of ERVD'4

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