

## REGISTRATION & FEES

The fees for the conference are RM 700.00 per person and RM 350.00 for students, which include a proceeding (CD), certificates and meals. Payment may be made by cheque or bank draft. For payment by cheque or bank draft, please make payable to Bendahari Universiti Kebangsaan Malaysia.

Registration should be made to the Secretariat via fax or email before 1st October 2009.

## PUBLICATION

All papers will be refereed and selected papers will be published in a book (jointly published by UNU and UKM). All papers presented in CWCH 1 will be published as a proceeding in the form of a compact disc.

## IMPORTANT DATES

- \* Submission of abstract : 30th September 2009
- \* Notification of acceptance : 15th October 2009
- \* Submission of papers : 30th October 2009

For formats of abstracts and papers please visit the conference website.

<http://pkukmweb.ukm.my/~alir/cwch09/>

### Secretariat

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## INTRODUCTION

In the year 2000 the United Nations launched its UN Millennium Development Goals. There are 8 goals targeted to be achieved by the year 2015. The theme "Ensure Environment Sustainability" forms the seventh of its eight millennium goals. Under this theme the United Nations has set Target 3 as "Halve, by 2015, the proportion of the population without sustainable access to safe drinking water and basic sanitation". The UN General Assembly proclaimed the years 2005 - 2015 as the International Decade for Action "Water for Life". As the rate of pollution has escalated, the source of clean and safe water is getting to be depleted. We have to resort to better techniques to purify our waters. The purification techniques can also create new toxic by-products which are detrimental to health. We are organising this Conference on Water Chemistry and Health to address the problems pertaining to safe and clean water. The theme of the conference is "Quality Water for Health".

## CONFERENCE OBJECTIVES

The aim of this conference is to explore the importance of quality water for health. There will be four sub themes:

- \* Advances in water treatment technology.
- \* Analytical methods development for water analysis.
- \* Health impact of water quality.
- \* Development in water treatment chemicals.

## PARTICIPANTS

The conference is open to those who are interested to discover the problems and solutions for producing clean and safe water. The health effects of treated water will also be addressed.

## VENUE

The conference will be held at Putrajaya Marriott Hotel. The hotel is a mere 30 minutes drive from Kuala Lumpur International Airport (KLIA).



# 1<sup>st</sup> CONFERENCE ON WATER CHEMISTRY AND HEALTH: *Quality Water for Health* (CWCH 1)

**24 - 25 November 2009**  
**Putrajaya Marriott Hotel**

Organised by

Centre for Water Research & Analysis (ALIR),  
UNU-International Institute for Global Health  
(UNU-IIGH) and  
School of Chemical Sciences and Food Technology  
Faculty of Science & Technology  
Universiti Kebangsaan Malaysia

*In collaboration with*

Gwangju Institute of Science & Technology (GIST)  
Suruhanjaya Perkhidmatan Air Negara (SPAN)  
National Hydraulic Research Institute of Malaysia (NAHRIM)  
Malaysian Institute of Chemistry (IKM)



**CWCH 1**  
**1<sup>ST</sup> CONFERENCE ON WATER CHEMISTRY AND**  
**HEALTH: *Quality Water for Health***  
**24 – 25 NOVEMBER 2009**

Name : .....

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Position : .....

Address : .....

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Telephone (Office) : .....

(Mobile): .....

Fax : .....

E-mail : .....

Date : .....

Signature:.....

I am attending the CWCH 1 as:

- Oral presenter
- Poster presenter
- Participant

Title of paper:

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**TENTATIVE SCHEDULE**

**Tuesday (24 November 2009)**

0900 - 0930 Welcoming Remarks  
 0930 - 1030 Keynote Address  
 1030 - 1100 Coffee / Tea Break  
 1100 - 1300 Session 1: Advances in Water Treatment Technology  
 - Plenary 1 & oral presentations  
 1300 - 1400 Lunch / Solat  
 1400 - 1640 Session 2: Analytical Methods Development for Water Analysis  
 - Plenary 2 & oral presentations  
 1640 Coffee / Tea Break

**Wednesday (25 November 2009)**

0845 - 1010 Session 3: Health Impact of Water Quality  
 - Plenary 3 & oral presentations  
 1010 - 1130 Poster session  
 1130 - 1300 Session 3(Continue)  
 1300 - 1400 Lunch / Solat  
 1400 - 1630 Session 4: Development in Water Treatment Chemicals  
 - Plenary 4 & oral presentations  
 1630 - 1645 Closing ceremony  
 Coffee/Tea  
 Conference Ends

**KEYNOTE SPEAKER**



**Prof. Dato' Ir. Dr. Zaini Ujang**  
**Vice-Chancellor,**  
**Universiti Teknologi Malaysia**

Prof. Zaini is the recipient of the most prestigious Merdeka Award 2009 for Outstanding Scholastic Achievement.

His professional expertise covers water and wastewater engineering, integrated ecosystem management, industrial ecology, as well as corporate environmental strategy. He is an international academic figure in water and environmental engineering, and is regularly invited to deliver keynote addresses in international conferences.

**PLENARY SPEAKERS**



**Dr. Saad Jasim, P. Eng**  
**Chief Executive Officer**  
**Walkerton Clean Water Centre (WCWC)**  
**Ontario, Canada**

Use of Advanced Technologies in Drinking Treatment (Ozone, UV & Membrane)  
 Ozone Impact on Improvement of Water Treatment Processes-Case Study



**Dr. Joachim Clemens**  
**Assistant Professor**  
**University of Bonn**  
**Faculty of Agriculture**  
**Institute of Crop Science and Resource Conservation**  
**Germany**

Analytical Methods Development for Water Analysis - Experiences from Projects with Partner in Asia



**Prof. Kyoung Woong Kim**  
**Professor of Environmental Science and Engineering**  
**Gwangju Institute of Science and Technology, Korea**

Arsenic Geochemistry and Human Health Issue in Asian Countries