

XXXVIII IAH CONGRESS PRE-REGISTRATION

(Please fill in and send to the contact address, or by e-mail before **1 April 2009**. Any further information will be sent to your e-mail address)

Last Name:

First Name:

Title/Degree:

Position:

Institution:

.....

Address:

.....

.....

Zip Code: City:

Country:

Phone: Fax:

E-mail:

IAH member: yes no

I would like to attend the Congress
and I intend to present
 oral presentation poster

Provisional title:

.....

.....

Date:

Signature:

LANGUAGE

The official language of the Congress is English and will be used for all printed material, presentations and discussions. No translation to other languages is envisaged.

IMPORTANT DATES

First circular
Second circular
Deadline of abstract submission
Acceptance of abstracts
Deadline of extended abstract submission
Deadline for registration
Check-in for the Congress

January 2009
June 2009
30 November 2009
15 February 2010
30 May 2010
15 July 2010
12 September 2010

REGISTRATION FEE

	Before 31 March 2010	After 1 April 2010
IAH members	400 Euro	450 Euro
Non-members	500 Euro	550 Euro
PhD Students*	150 Euro	200 Euro
Accompanying persons	150 Euro	200 Euro

* a copy of the student ID card or an equivalent declaration signed by the institution must be provided

GRANTS AND PERSONAL INVITATION

The Organizing Committee will not directly provide any form of financial support. However, the Organizing Committee hopes to offer limited support to scientists from developing countries with the help of financial contributions from UNESCO and other sponsoring bodies. Further details will be given in the second circular.

The Organizing Committee will send a personal invitation to Conference participants upon request. It should be clearly understood, however, that such an invitation is intended only to assist potential participants to raise travel funds and/or to obtain a visa.

PROCEEDINGS

Accepted extended abstracts will be published as a conference volume and on a CD. Participants will receive these publications upon their registration. Arrangements for publication of full papers are still under discussion.

CONTACTS

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International Association of Hydrogeologists

XXXVIII IAH Congress

12-17 September 2010

Krakow, Poland

www.iah2010.org

Groundwater quality sustainability





INTRODUCTION

The Polish Chapter of IAH and the AGH University of Science and Technology have pleasure to host the XXXVIII Congress in Krakow, Poland from 12 to 17 September, 2010. Since the Congress will be held in Europe, the leading theme: Groundwater quality sustainability is linked with implementation of the EU Water Framework Directive. The year 2010 is the time when the formulation of programmes aimed at preventing further deterioration of groundwater quality in EU Member States must be completed.

Any sustainable development programme requires appropriate knowledge of groundwater functioning. This is implied as a prerequisite to understand: (i) groundwater resources and their availability, and (ii) the dependence between groundwater and the environment. Such awareness could be achieved through understanding of groundwater flow: from local to regional scale. Understanding of groundwater flow at its relevant temporal and spatial scales is a must in studies involving engineering, geography, agriculture, ecology, and in a broader sense, in environmentally related issues.

The Congress is aimed at scientists, researchers, students, engineers, water resources specialists, consultants, officials, government administrators and educators, and those interested in groundwater and the environment. It will enable them to exchange ideas, knowledge, experience, techniques and the know-how in studies, investigations and practical applications related to groundwater issues. An important task of the Congress will be to communicate more effectively with the general public and non-groundwater specialists.

MAIN TOPICS

1. **GROUNDWATER QUALITY SUSTAINABILITY**
 - 1.1. Evaluation and management of groundwater – sustainable exploitation
 - 1.2. Groundwater vulnerability and quality standards
 - 1.3. Urban hydrogeology
 - 1.4. Groundwater quality and agriculture
 - 1.5. Groundwater quality and mining
 - 1.6. Groundwater monitoring
 - 1.7. Groundwater policy and legal aspects
 - 1.8. Economic tools to protect groundwater
 - 1.9. Sustainable management of groundwater
 - 1.10. Decision support tools for sustainable groundwater management

OTHER TOPICS

2. **GROUNDWATER AND DEPENDENT ECOSYSTEMS**
 - 2.1. Global climate change and water budget
 - 2.2. Climate induced changes of land-use and their impacts on evolution of the EU Groundwater Directive
 - 2.3. Interactions of surface and ground waters
 - 2.4. Water in extreme conditions (arid and polar regions)
 - 2.5. Wetland hydrology
 - 2.6. Groundwater in eco-hydrology
 - 2.7. Integrated groundwater management with dependent ecosystems
3. **AQUIFER MANAGEMENT**
 - 3.1. Regional groundwater systems
 - 3.2. Transboundary aquifers
 - 3.3. Geophysical, geological and geochemical methods in groundwater exploration
 - 3.4. Environmental and artificial tracers in hydrogeology
 - 3.5. Social, ecological and economic implications
4. **MINERAL AND THERMAL WATER**
 - 4.1. Geothermal resources
 - 4.2. Origin of mineral and thermal waters
 - 4.3. Hydrogeochemical characteristics of mineral and thermal waters
 - 4.4. Social, ecological and economic implications
5. **DATA PROCESSING IN HYDROGEOLOGY**
 - 5.1. Modelling as a tool of groundwater assessment
 - 5.2. Groundwater flow and solute transport modelling
 - 5.3. Groundwater mapping – approach and results
6. **GENERAL HYDROGEOLOGICAL PROBLEMS**
 - 6.1. Hard rocks as specific media - methods and results
 - 6.2. Hydrogeology of karst
 - 6.3. Groundwater contamination – monitoring, risk assessment and restoration
 - 6.4. Cost-effective measures to control and contain groundwater contamination
 - 6.5. Risk-based groundwater management (brownfields, industrial/postindustrial and urban areas)
 - 6.6. Coastal zone management
 - 6.7. Managing aquifer recharge
 - 6.8. Understanding and communication on groundwater – education and public involvement

VENUE

The Congress will take place at the Jagiellonian University Conference Center – Auditorium Maximumum in the Royal Capital City of Krakow, the ancient capital of Poland, and by many still considered as the cultural capital of Poland, which may offer its long and rich history and traditions, and which is included in the UNESCO World Heritage List. In the year 2000 Krakow was proud to hold the name of European City of Culture awarded by the EU Council of Ministers. Krakow is a university town since 1364, with the most famous students: Nicolaus Copernicus (1491-95) and the Pope John Paul II (1938-39, 1942-46), and currently with about 180,000 students yearly. The Polish Chapter of IAH and the AGH University of Science and Technology would be honoured to host you during the IAH 2010 Congress in Krakow.



Auditorium Maximumum



CONGRESS ACTIVITIES

The Congress will include the following:

- Pre-congress activities
- Plenary session with key note lectures
- Technical and poster sessions
- Round table discussions
- Technical tours
- Post-congress excursions
- Social programme

The Congress will also provide opportunities to national/international companies and organisations to exhibit their products and services.

