

SOCIAL EVENTS

Sunday afternoon: ice- breaker party. Monday Evening: ECHN event. Tuesday evening: dinner in the historical city centre. Thursday evening: main social event, included in the registration fee, in a centre of excellence of high quality Italian food production and marketing.

MID WEEK TECHNICAL FIELD TRIPS

Eight trips are scheduled: the Roman Aqueducts, the northern Latium volcanic aquifers, the Coastal Area of the Tiber River, the springs of the Karst Apennine, the Pontina Plain, the Tivoli Thermal Springs and Travertine Quarries, the reclaimed plain of Fucino and the sparkling water plant in Riardo.

POST CONGRESS TOURS

Unforgettable tours (4-5 days) across Italy, including hydrogeological and cultural visits are: a) Vesuvius Volcano, the Isle of Ischia and the Sorrentine Peninsula, b) Tuscany, c) the Apennine ridge and springs, d) Alpine fissured aquifers and thermal sites, e) the Po plain and the Venice lagoon and f) Apulia Region.

PATRONAGES

ABAS, AIGA, Autorità di Bacino del Fiume Tevere, CNG, EFG, Expo 2015, Federterme, International Association of Engineering Geologist, IRPI - CNR, IRSA - CNR, ISPRA, Istituto Superiore di Sanità, Italian Society of Environmental Geology, Ministero della Salute, Ministero delle Infrastrutture e dei Trasporti, Ministero delle politiche agricole e forestali, Ministero dello Sviluppo Economico, National Academy of Lincei, National Academy of Sciences, Protezione Civile, Regione Campania, Roma Capitale, Società geologica italiana, Università degli studi di Roma La Sapienza.

MAIN SPONSOR

Platinum sponsor



Silver sponsor



KEY DATES

Acceptance of abstracts: **May 2015**
Deadline for early-bird registration: **June 2015**
Fourth Circular: **August 2015**

REGISTRATION FEES (VAT INCLUDED)

CATEGORY	EARLY	LATE
IAH members	560,00 €	660,00 €
Non IAH members	650,00 €	750,00 €
Students	300,00 €	350,00 €
Accompanying persons	300,00 €	350,00 €

Registration fees for delegates include coffee breaks and lunches, the welcome ice-breaker, the Congress social event, the mid week technical field trip and the Congress kit.

Registration fees for accompanying persons include the welcome ice breaker, the Congress social event, the mid week technical field trip and a special cultural programme in Rome.

LANGUAGE

The official language of the Congress is English

CONGRESS VENUE

Sapienza University of Rome
Piazzale Aldo Moro, 5 - Rome



AQUA2015 CONTACTS

secretariat & logistics: organizing@iah2015.org
scientific programme: scientific@iah2015.org
sponsors & exhibitors: sponsors@iah2015.org
www.iah2015.org #AQUA2015

CONGRESS MANAGEMENT



Via Lucilio 60 - 00136 Rome Italy
www.triumphgroupinternational.com



INTERNATIONAL ASSOCIATION OF HYDROGEOLOGISTS 42ND CONGRESS



AQUA2015

HYDROGEOLOGY: BACK TO THE FUTURE!

in scientific partnership with



Food and Agriculture Organization
of the United Nations



United Nations
Educational, Scientific and
Cultural Organization



International
Hydrological
Programme

with the high patronage of



PRESIDENZA DELLA
REPUBBLICA ITALIANA

President of the Italian Republic



MINISTERO DELL'AMBIENTE
E DELLA TUTELA DEL TERRITORIO E DEL MARE

Minister of the Environment
and Protection of Land and Sea

ROME, ITALY
SEPTEMBER 13th-18th, 2015
SAPIENZA UNIVERSITY OF ROME

THIRD CIRCULAR

www.iah2015.org

HYDROGEOLOGY: BACK TO THE FUTURE!

The Italian Chapter of the IAH, in scientific partnership with FAO and the International Hydrological Program of UNESCO, is honoured to host the 42nd IAH Annual Congress **AQUA2015**, in Rome, Italy, from September 13th to 18th 2015.

The event will offer the opportunity to activate synergies between the worlds of research, international and local business and government agencies involved in the groundwater industry. The spirit of the Congress is summarized in the **AQUA2015** theme of “Back to the Future”, combining previous experience with future tools and needs, with a special focus on the global problem of groundwater use for food, to ensure sustainable development.

ORGANIZING COMMITTEE

Marco Petitta, *Congress Chair*

Alessandro Gargini, *Congress Co-Chair*

Daniela Ducci, *Scientific and Logistic Secretariat*

Fulvio Celico, *Scientific Program Chair*

Paolo Cerutti, *Sponsors and Exhibitors Desk*

Vincenzo Piscopo, *Field Trips and Pre-Congress Courses Manager*

Giovanni Barrocu, Antonio Dematteis, Paolo Fabbri, Maria Dolores

Fidelibus, Francesco La Vigna, Marco Masetti, Roberto Mazza, Maurizio

Polemio, Elisabetta Preziosi, Viviana Re, Giuseppe Sappa, Andrea Sottani

CONGRESS ACTIVITIES

- pre-congress short courses
- plenary sessions with key note lectures
- parallel technical sessions
- E-Poster sessions
- mid-week technical field trips
- IAH General Assembly, Commission and Network meetings
- social events
- post-congress tours

PRE-CONGRESS SHORT COURSES

Pre-Congress short courses (1-2 days) concerning technical and scientific issues are planned, to be defined also on the basis of the proposals received from agencies and companies.

PROCEEDINGS

Accepted abstracts will be published as a Congress Volume on digital support.

GRANTS

The Organizing Committee intends to offer grants, subsidized by sponsors, to selected participants from developing countries.

SCIENTIFIC COMMITTEE

Ramon Aravena, Canada

Alice Aureli, France

Jim Barker, Canada

Jesus Carrera, Spain

Josè Martins Carvalho, Portugal

Antonio Chambel, Portugal

John Cherry, Canada

Ghislain De Marsily, France

Everton de Oliveira, Brazil

John Doherty, Australia

Aldo Fiori, Italy

István Fórizs, Hungary

Giuseppe Gambolati, Italy

Nico Goldscheider, Germany

Johannes Grath, Austria

Peter Grathwohl, Germany

Mary C. Hill, USA

Ken Howard, Canada

Daniel Hunkeler, Switzerland

Piotr Maloszewski, Germany

Bruce Misstear, Ireland

Jacques Mudry, France

Beth Parker, Canada

Henning Prommer, Australia

Shaminder Puri, United Kingdom

Nataša Ravbar, Slovenia

Hans Richnow, Germany

Dave Rudolph, Canada

John M. Sharp, USA

Marios A. Sophocleous, USA

Zoran Stevanovic, Serbia

Norio Tase, Japan

John Tellam, United Kingdom

George Teutsch, Germany

Philippe Van Cappellen, Canada

Chunmiao Zheng, China

SCIENTIFIC TOPICS AND ISSUES

GROUNDWATER, FOOD AND HEALTH

How to give good drinking water to rural, poor populations? How to manage GW in these areas, and prevent water contamination? How to prevent the transfer of contamination from GW to crops, and safeguard human health? How to guarantee and improve the quality of food through GW quality and footprint? How to give answers in an integrated scientific and Civil Society Organizations approach?

SUSTAINABLE USE OF GROUNDWATER

How to achieve sustainable use of GW? How sustainable use of GW is linked to climate change and GW quality? How to manage GW in tunnels, mining and excavations? How to manage aquifer recharge and storage? How to extract and use GW heat?

GROUNDWATER FLOW SYSTEMS BEHAVIOUR

How to investigate mineral (medicinal) and thermal GW systems? How to solve the open questions in karst hydrogeology? How to study the effect of the aquitards on GW flow? How to investigate porous and fractured aquifers, from local to regional scale?

URBAN AND CONTAMINANT HYDROGEOLOGY

How to study the hydrogeological behaviour of aquifer systems in urban and industrial areas? How to evaluate the impacts of contamination sources, and analyse/simulate the transport of contaminants in different media? What are the emerging contaminants? What are the forensic approaches in GW contamination?

GROUND / SURFACE WATER: AN INTEGRATED VIEW

How to manage and use surface- and ground-water in an integrated perspective? How to study the ecohydrology and functionality of GDE?

GROUNDWATER GOVERNANCE AND POLICY

How to link science and policy in GW governance? What are the main issues concerning transboundary aquifers? How to use Decision Support Systems in GW governance? Can we couple hydrologic and economic modelling to manage GW?

GROUNDWATER MANAGEMENT IN COASTAL AREAS

How to quantify submarine GW discharge in coastal areas? How to study and manage coastal GW resources? Does GW influence marine ecosystems? Do “freshwater” aquifer reserves exist beneath the seabed?

NEW TOOLS AND NEW FRONTIERS

How to be innovative in GW testing and modelling? Can molecular biology tools be used in GW studies? How to be innovative when using tracer and isotope methods, or geophysical investigations in hydrogeological studies?

PRELIMINARY AGENDA

SUNDAY SEPTEMBER 13th, 2015

2 pm - Registration opens
IAH Council Meeting
Meeting of Session Chairs
Welcome Ice Breaker

MONDAY SEPTEMBER 14th, 2015

Registration
Opening Ceremony
Plenary Session
Parallel Technical Sessions
Dedicated E-Poster Session
Evening ECHN Event

TUESDAY SEPTEMBER 15th, 2015

Plenary Session
Parallel Technical Sessions
Dedicated E-Poster Session
Commissions and Networks Meetings
Dinner in central Rome

WEDNESDAY SEPTEMBER 16th, 2015

Mid Week Technical Field Trips

THURSDAY SEPTEMBER 17th, 2015

IAH General Assembly
Parallel Technical Sessions
Dedicated E-Poster Session
Congress Social Event with dinner

FRIDAY SEPTEMBER 18th, 2015

Parallel Technical Sessions
Dedicated E-Poster Session
Closing Plenary Session

KEYNOTE SPEAKERS

Ramon Aravena, Canada

Alice Aureli, France

Ghislain De Marsily, France

Nico Goldscheider, Germany

Rainer Helmig, Germany

Beth Parker, Canada

Clifford I. Voss, USA

Chunmiao Zheng, China

E-POSTERS

In line with the theme of the Congress, we intend to enhance poster presentations, through the introduction of electronic poster sessions, which will be hosted in a dedicated room with large interactive screens. The E-posters are a novelty for the IAH congress which will surely increase the visibility and the attractiveness of the poster session.