

# MinWat2014

International Multidisciplinary Conference on

## Mineral Waters

Genesis, Exploitation, Protection and Valorisation

Karlovy Vary (Carlsbad), Czech Republic, 8-11 September 2014



Version 22 March 2014

Web site: <http://minwat2014.vuv.cz/>

**Abstract submission deadline was February 9, 2014. After February 9, 2014, in principle for posters only.  
... late abstracts for oral presentation on request possible.**

Conference is jointly convened by



VÚV  
TGM

- International Association of Hydrogeologists (IAH), IAH Commission on Mineral and Thermal Waters
- IAH National Chapter of Czech Republic
- Faculty of Science, Charles University (Univerzita Karlova), Prague, Czech Republic
- T. G. Masaryk Water Research Institute (VÚV), Prague, Czech Republic

Scientific sponsorship and Institutional support is also provided by



- International Association of Hydrological Sciences, **IAHS**
- European Federation of Bottled Waters, **EFBW**
- International Society of Medical Hydrology and Climatometry, **ISMH**
- Hydrogeology Section of the German Geological Society, **FH-DGG**
- World Federation of Hydrotherapy and Climatotherapy, **FEMTEC**
- European Spas Association, **ESA**

The conference is also supported by a number of **commercial sponsors**, namely: Mattoni – Karlovarské minerální vody a.s. – Magnesia, Danone Waters, Borjomi IDS Group, Nestlé Waters, and City of Karlovy Vary, Czech Republic.



MinWat2014 conference will be held under the auspices of Ministry of Public Health of Czech Republic.

The conference will be an opportunity for official or informal meetings of leading players in the field of mineral waters: hydrogeology and hydrogeochemistry (via IAH, IAHS and FH-DGG), water bottling (via EFBW), and balneology (via ISMH, FEMTEC and ESA).

## Objectives

The major objective of the conference is to bring together four groups of experts:

- 1) **hydrogeologists and hydrogeochemists** who deal with the search for and protection of mineral water resources. This regards hydrogeologists from universities, research institutes and private consultancy firms particularly those interested in thermal and mineral waters, who want to see up-to-date studies on the structure and functioning of such hydrosystems, who want to learn about methodologies they can use to characterise existing springs or springs to be developed in the next future.
- 2) professionals involved in distribution of **bottled mineral waters** whose activities are essentially dependent on the results of hydrogeological exploration. This includes also the managers and hydrogeologists from bottling companies and, if such companies do not have their own hydrogeologist, the quality managers.
- 3) professionals (medical practitioners, balneotherapists, physiotherapists, etc.) for whom the mineral water is a tool used for treatment of various diseases and their prevention. There exists a broad spectrum of issues, which are dealt with in **balneology, i.e. balneotherapy and balneotechnics**. Experts in this group are represented mostly by physicians who use mineral waters for medicinal procedures, for complex balneotherapy and physiotherapy.
- 4) **administrations** (local, regional, national, European, etc.) that evaluate projects aimed at development of new sources of natural mineral waters. It also includes professionals and administrators involved in designing the regulatory measures for safeguarding and protection of natural mineral water resources.

### Themes and Topics

**Theme A: HYDROGEOLOGY AND HYDROGEOCHEMISTRY — ORIGIN, PROTECTION AND MANAGEMENT**

**Theme B: BOTTLED WATER — MARKET AND DEMAND, HEALTH ISSUES**

**Theme C: BALNEOLOGY — BALNEOTHERAPY AND BALNEOTECHNICS**

For **topics** within each of the themes please refer to the conference web site or to theme-specific flyers.

### Conference structure – updated (February 2014)

All presentations (themes A, B and C) during the entire conference time will be held in **plenary way**, i.e. in one lecture hall only. The programme during each day will consist of a number of presentation time blocks, each of these time blocks being devoted to a certain theme. At the beginning of each day – and at the beginning of most presentation time blocks – **introductory keynote lectures** will be held. The main objective of these keynote lectures will be the presentation of typical problems existing in the fields of hydrogeology-hydrogeochemistry (theme A), bottled mineral water (theme B), and balneology (theme C). These introductory keynote lectures are intended also for colleagues from other disciplines. By doing so, the experts from, for example, water bottling and balneology will learn about current issues in the field of hydrogeology and hydrogeochemistry, and vice versa, of course. The invited keynote lectures (30 minutes) will be followed by a series of **regular oral presentations** (15 or 20 minutes). Most presentations are expected from themes A and B. Also possibility to present the work by means of **posters**.

### Venue – Karlovy Vary (Carlsbad)

### Transportation from Prague Airport to Karlovy Vary and vice versa



The conference will be held in the Hotel Thermal, in the famous spa city

Karlovy Vary (Carlsbad in English), about 130 km west of Prague.

Karlovy Vary was founded by the King of Bohemia, and Holy Roman Emperor Charles IV in 1358. The maximum temperature of the thermal springs is 73.4°C. You can make use of the Student Agency bus connection (every hour) between Prague, Prague Airport and Karlovy Vary, and vice versa. For details see "Transportation / Travel" on the conference web site.

