

## MinWat2014\_abstracts\_oral\_and\_poster\_for\_web\_93\_15Jul2014.pdf

### The full list of authors will later be available in Conference Programme

The green marked orals are submitted by members of Scientific Advisory Committee

### Abstracts accepted for ORAL PRESENTATION

Abstract no.	Surname	First Name	Country	Abstract Title
1	Zarhloule	Yassine	Morocco	Investment opportunity in Morocco: case thermal and mineral water
7	Razowska-Jawor	Lidia	Poland	Are bottled mineral waters in Europe liquids for hydration or sources of essential mineral nutrients for a human health?
14	Reimann	Clemens	Norway	A continental-scale survey of the geochemistry of bottled water
16	Piscopo	Vincenzo	Italy	Mineral waters of Castellammare di Stabia (Southern Italy): a particular case of seawater intrusion in a carbonate aquifer
17	Alexeeva	Ludmila	Russia	Siberian Platform hydromineral resources: an updated analysis
18	Marques	José	Portugal	A conceptual model for Cabeço de Vide mineral waters (Portugal): Abiotic methane from low temperature serpentinization as a potential analog for planetary water-rock interaction
19	Jokić	Aleksandar	Serbia	Maturation of the peloid of Banje Koviljaca
22	Carreira	Paula	Portugal	Regional spatial distribution of mineral waters (N-Portugal): an isotopic and geochemical approach
26	Wu	Yuanzhuo	China	Discussion on the quality problems of bottled water in China – Case study of Nongfu Spring “quality crisis”
28	Baumann	Thomas	Germany	Pesticide metabolites as tracers in deep groundwater
31	Vázquez	Itz'iar	Spain	Determination of pesticides in water samples using solid phase extraction (SPE) combined with gas chromatography mass spectrometry (GC-MS/MS) in water analysis laboratory
32	Roques	Christian	France	Drinking mineral waters, the actual medical benefit – data of evidence
33	Roques	Christian	France	Balneotherapy for common metabolic conditions – the French experience
34	Roques	Christian	France	Balneotherapy and common musculo-skeletal conditions, data from randomised controlled trials
35	Roques	Christian	France	Balneotherapy for anxiety and psychotropic drug withdrawal
38	Sora	Florina	Romania	Development and implementation of a regulatory framework in the field of classification and assessment of resources/reserves of natural mineral water, therapeutic mineral water and geothermal water

45	Wishart	DeBonne	USA	Evaluation of mineralized waters of eastern and central Jamaica from chemometrics
47	Ohtsuka	Yoshinori	Japan	Effects of health promotion activity utilizing hot spring water on glucose metabolism and physical fitness
50	Abramov	Vladimir	Russia	Essentuky mineral water: origin and resources
51	Todorović	Maja	Serbia	Hydrogeochemistry of mineral waters of Serbia
52	Nikipelova	Olena	Ukraine	Algorithm of study of mineral waters in Ukraine
55	Marcin	Daniel	Slovakia	A new look at the hydrogeological structure of thermal waters in Piešťany Spa, Slovakia
58	Thomson	Paul	United Kingdom	What fracking means to the UK mineral water industry – a review
59	Stefanovski	Gordana	Bosnia and Herze	The effects of sulphuric mineral water on experimental osteoporosis
60	Maraver	Francisco	Spain	Calcium content of Spanish natural mineral water and efect on health
63	Katsuyama	Masanori	Japan	Isoscapes of bottled water a as tool for global groundwater resources monitoring
64	Blake	Sarah	Ireland	A multi-disciplinary investigation of Irish warm springs and their potential for geothermal energy provision
65	Maraver	Francisco	Spain	Skin effects of peloids prepared with sulphur mineral water from "Termas De Cuntis Spa" according to their maturation time
66	Bonotto	Daniel	Brazil	Radioactivity due to dissolved radium in Brazilian mineral waters
67	Maraver	Francisco	Spain	Stroke treatment in health resorts
73	Shugg	Andrew	Australia	A model for the origin of carbonated mineral waters of Central Victoria
74	Zadák	Zdenek	Czech Republic	Drinking regime and mineral deficits – a myth or a serious problem?
76	Fórizs	István	Hungary	The origin of Hungarian bottled mineral waters by environmental isotopes
78	Lachassagne	Patrick	France	Guarantying the purity of Natural Mineral Water: the 20 years technical and socio-economic Evian experience conciliating collective responsibility for environment protection, and local development
79	Lachassagne	Patrick	France	Role of deep fractures and ancient weathering profiles in a hard rock sparkling natural mineral water hydrosystem. Implication for the long term management of the Saint-Galmier, France, spring
80	Lachassagne	Patrick	France	The need of a multidisciplinary approach for determining the structure and hydrogeochemical functioning of complex sparkling natural mineral water systems: a case study from southern France
81	Lachassagne	Patrick	France	Use of several environmental dating tracers with lumped parameter models for the understanding of complex natural mineral water systems (Evian, France, case study)
82	Marković	Tamara	Croatia	Geochemical characteristics of the Daruvar thermal aquifer

83	Laffly	Patrick	France	Optimizing pumping rates at Jelesnia wellfield using groundwater flow modelling in conjunction with contrasted hypothetic climatic scenarios
89	Makarushin	Alexey	Russia	The issues of claiming medicinal effect of bottled sodium-bicarbonated mineral water
90	Badalov	Nazim	Russia	Hydrocarbonate mineral water in the treatment and prevention of the digestive diseases
92	Balderer	Werner	Switzerland	Isotopic investigation of the origin of ammonia and nitrate in the mineral spring waters of Scuol / Lower Engadine, South Eastern Switzerland
93	Balderer	Werner	Switzerland	The thermal spring of Bad Ragaz Switzerland: Characterisation of origin, chemical properties and observed variations of fluorescence spectra

**Introductory keynote lectures for Theme B (BOTTLED WATER - MARKET AND DEMAND, HEALTH ISSUES)**  
**(abstracts yet to be received)**

*Introductory address - introduction to MinWat2014 and welcome to participants,*

Speaker: Mr Alessandro Pasquale, Mattoni, Karlovarské minerální vody, a.s.

*European bottled water sector: Challenges and opportunities,*

Speaker: Mr Jean-Pierre Deffis, President of the European Federation of Bottled Waters (EFBW)

*Bottled water market: Key statistics,*

Speaker: Ms Patricia Fosselard, Secretary General of the European Federation of Bottled Waters (EFBW)

*Original purity: A defining characteristic in natural mineral waters,*

Speaker: Ms Annick Moreau, Danone Waters

*Analysis of ultra-traces in bottled water: The risk of false positives and how to avoid them,*

Speaker: Dr H  l  ne Budzinski, Bordeaux University, France

*Ensuring and maintaining the highest quality for natural mineral and spring waters,*

Speaker: Dr Ulrich Kreuter, NSF (The Public Health and Safety Organization)

*Bottled water packaging - What about safety issues?,*

Speaker: Dr Angela St  rmer, Fraunhofer Institute for Process Engineering and Packaging IVV

*Bottled water packaging: Waste or resource?*

Speaker: Mr Bernard Pruvost, Nestlé Waters

*How can bottlers promote natural mineral water?,*

Speaker: Ms Nathalie Bériot, Nestlé Waters

*Adequate water intake: Establish dietary guidelines and promoting hydration - a public policy perspective,*

Speaker: Dr Laurent Le Bellego, Danone Waters

## **Abstracts accepted for POSTER PRESENTATION**

<b>Abstract no.</b>	<b>Surname</b>	<b>First Name</b>	<b>Country</b>	<b>Abstract Title</b>
6	Kulakov	Valerii	Russia	A hydrogeological model of thermal water discharge areas in the Russian Far East
8	Proskuryakova	Zabava	Russia	Mineral waters of the Baikal region
12	Offodile	Matthew	Nigeria	A review of the occurrence, hydrogeological environment and chemical characterisation of Nigeria's mineral/thermal waters
15	Božíková	Jarmila	Slovakia	Information summary from implementation of a borehole VLÚ-3 in hydrogeologic structure of natural healing waters in Piešťany Spa, Slovakia
20	Li	Xiangquan	China	Geochemical and isotopic characterization of the thermal springs in southern Gaoligong Mountains, China
21	Shim	Byoung Ohan	Korea,South	Evaluation of hydrogeology on a geothermal area in Heunghae, South Korea
27	Chelnokov	George	Russia	Origin of spontaneous gases of high pCO <sub>2</sub> mineral waters of southern Far East of Russia
29	Sorokina	Anna	Russia	Chloride sodium waters of the Konstantinovka mineral water deposit (Amur
30	Hałaj	Elzbieta	Poland	Possibilities for geothermal water and energy uses from Lower Cretaceous formations in Mogilno – Łódź Trough, Poland
36	Wachowicz-Pyzik	Anna	Poland	The main obstacles of using underground water in Poland on the examples of selected facilities
37	Celle-Jeanton	Hélène	France	Contribution of chemical and isotopic contents to the characterization of groundwater's circulation in a thermo-mineral system. A case study in Auvergne, Massif Central (France)

42	Celligoi	Andre	Brazil	Hydrochemical and hydrogeological features of mineral waters of the northern region of Parana State, Brazil
43	Kalantari	Nasrollah	Iran	Hydrogeochemical characteristics of the Oba, Garuw and Rahdar geothermal sulfur springs (Bushehr, Iran)
44	Ferjan Stanič	Tamara	Slovenia	Changes in stable isotope composition of bottled water during storage and their application in development of bottled water authentication methodology
46	Huneau	Frederic	France	Thermal and mineral waters from island of Corsica (France) – from hydrogeological characterization to rebirth of hydrothermal industry
49	Gurnari	Giovanni	San Marino	Technical actions to prevent the alteration risk of water intended for human health
53	Mejjide-Failde	Rosa	Spain	Hydrogen sulfide shows anti-catabolic effects on IL1 $\beta$ stimulated human articular cartilage
54	Kharitonova	Natalia	Russia	Origin and evolution of mineral water from Gonjinskoe spa (Priamurye, Russia)
56	Borodulina	Galina	Russia	Ferrous and radon mineral water in Karelia
57	Thomson	Paul	United Kingdom	Regional preferences in mineralogical composition of bottled water
61	Stefanovski	Mihajlo	Bosnia and Herze	Effect of sulfurous natural water on affected shoulder after stroke
62	Yasuhara	Masaya	Japan	Hydrology and geochemistry of inland saltwater springs, Japan
68	Bonotto	Dalva Maria	Brazil	Mineral waters: how to deal with this theme in environmental education programs
69	Rajchel	Lucyna	Poland	Occurrence of the chloride carbonated waters in the Polish Carpathians and their balneotherapeutic utilization
70	Rajchel	Lucyna	Poland	Bottling mineral waters in the area of the Poprad River valley in the Polish Carpathians
71	Marrero-Diaz	Rayco	Portugal	Hydrogeochemical study of thermo-mineral waters in Lisbon region (Portugal): contributions for hydrogeological conceptual models
72	Neskovic	Dejan	Serbia	Hydrogeological research as a basis for management and utilization of thermomineral waters in balneal therapy, recreation and tourism on the example of Ribarska Spa (Serbia)
75	Rios Delos Rios	Ledy	Spain	Peloids use in aesthetic medicine
77	Kim	Hyoung-Chan	Korea, South	Geochemical characteristics of the Dongrae hot spring water, South Korea
84	Papić	Petar	Serbia	Groundwater with glucose regulation properties – Dia Petra, Serbia
85	Wirmvem	Mengnjo	Japan	Stable isotope and trace element and characteristics of bottled waters sold in Cameroon, Central Africa: recharge and potability

86	Hrušková	Lenka	Czech Republic	Research in activation processes for the origin of high radon levels in spring waters in the St. Vojtěch springs in Horní Malá Úpa (Giant Mountains): the experience with tracer tests
87	Trapečar	Martin	Slovenia	Health benefits of regular consumption of natural mineral rich water Radenska Classic
88	Jeong	Chanho	Korea,South	Hydrochemistry, stable isotopes and noble gas isotopes of geothermal waters in the Bugok-Makumsan area of South Korea
91	Sun	Zhanxue	China	Hydrogeochemistry and origin of selected hot springs in Jiangxi Province, SE-China