



# International Workshop on “Groundwater Systems in Europe”

22 - 23 August 2013

## Agenda

Thursday, 22 August 2013	
<u>9:00 – 10:30</u>	Registration Poster exhibition
<u>10:30 – 11:00</u>	<b><i>Opening and introduction</i></b> <ul style="list-style-type: none"> <li>- Welcome to BGR Berlin (Michael Kosinowski, BGR)</li> <li>- Welcome to the workshop on behalf of EGS (Luca Demicheli, EuroGeoSurveys, Klaus Hinsby, EGS Water Expert Group)</li> <li>- Welcome on behalf of UNESCO-IHP (Holger Treidel)</li> <li>- Introduction to the workshop and outlines of IHME (Willi Struckmeier, BGR)</li> </ul>
<u>11:00 – 12:30</u>	<b><i>Theme 1: Groundwater and European policies</i></b> <ul style="list-style-type: none"> <li>- Significance of groundwater in the European environmental policy (Anita Künitzer, ETC/ICM)</li> <li>- Groundwater Common Implementation Strategy for the WFD – Current status and prospects (Johannes Grath, WG C)</li> <li>- Groundwater body systems in the Czech Republic (Hana Prchalová, CENIA CZ)</li> <li>- National Danish Water Resources Model - An integrated groundwater-surface water model for decision support in a changing climate (Anker L. Højberg &amp; Klaus Hinsby, GEUS DK)</li> </ul> <b><i>Discussion</i></b>
<u>12:30 – 14:00</u>	Lunch and poster exhibition Visit of geoscientific collections
<u>14:00 – 15:30</u>	<b><i>Theme 2: History and lessons learnt of the International Hydrogeological Map of Europe (IHME)</i></b> <ul style="list-style-type: none"> <li>- The IHME project and results (Willi Struckmeier, BGR)</li> <li>- Hydrogeological mapping in Albania – From the IHME contribution to larger scale national maps (Romeo Eftimi, Albania)</li> <li>- A new European digital lithology layer derived from IHME (Andreas Günther, BGR)</li> <li>- IHME and the European Groundwater Body Layer - comparison, applications, synergies (Klaus Duscher, BGR)</li> </ul> <b><i>Discussion</i></b>

15:30 – 16:00	Coffee break and poster exhibition
<u>16:00 – 17:30</u>	<p><b><i>Theme 3: Transboundary aquifers in Europe</i></b></p> <ul style="list-style-type: none"> <li>- UNESCO-ISARM and the GEF-TWAP project of transboundary waters (Holger Treidel, UNESCO)</li> <li>- Assignment of transboundary aquifers in Europe - Methodology and current status (Neno Kukuric, IGRAC)</li> <li>- WebGIS Cooperative Information System for transboundary waters (Jacques Ganoulis, UNESCO Chair and INWEB)</li> <li>- Managing transboundary groundwater bodies in the Danube River Basin (Andreas Scheidleder, UBA AT)</li> </ul> <p><b><i>Discussion</i></b></p>
<u>17:30 – 19:00</u>	Poster exhibition, snacks and light supper

## Friday, 23 August 2013

<u>9:00 – 10:30</u>	<p><b><i>Theme 4: Hydraulic and geochemical characterization of groundwater systems and geological units</i></b></p> <ul style="list-style-type: none"> <li>- Groundwater recharge assessment in karst aquifers by APLIS and its potential at European scale (Bartolomé Andreo, UMA ES)</li> <li>- Web Mapping Service of natural background values of groundwater in Germany (Bernhard Wagner, LfU Bayern DE)</li> <li>- Geochemical mapping at European scale – the GEMAS project (Manfred Birke, Clemens Reimann, Alecos Demetriades, Enrico Dinelli, Uwe Rauch and the GEMAS Project Team)</li> </ul> <p><b><i>Discussion</i></b></p>
10:30 – 11:00	Coffee break
<u>11:00 – 12:30</u>	<p><b><i>Theme 5: Groundwater modelling as a basis for decision support</i></b></p> <ul style="list-style-type: none"> <li>- Modelling groundwater for balancing water availability and water demand in Europe (Ad de Roo, JRC-Water)</li> <li>- Rough estimation of underground water resources in Europe based on IHME (Alberto Lorenzo Alonso, ETC-SIA)</li> <li>- Closing down the mining in the Saar Region, Germany: Are we creating a transboundary “great man-made aquifer”? (Thomas Walter, LUA Saarland DE)</li> <li>- 3D underground modelling in the UK (Rob Ward, BGS UK)</li> <li>- Coupled decision support systems for ground- and surface water (Klaus Schelkes, BGR)</li> </ul> <p><b><i>Discussion</i></b></p>
12:30 – 14:00	Lunch
<u>14:00 – 15:40</u>	<p><b><i>Conclusions and recommendations</i></b></p> <ul style="list-style-type: none"> <li>- Summaries of rapporteurs of Themes 1 – 5</li> <li>- Statements of EU / EGS and UNESCO / UNECE</li> <li>- Conclusions (BGR)</li> </ul> <p><b><i>Final discussion</i></b></p>
15:40 – 16:00	Wrap-up and closure