



INTERNATIONAL CONFERENCE
ON
NEW APPROACHES TO
GROUNDWATER VULNERABILITY



Ustroń, Poland

4 - 8 June 2018

Organized by:

International Association of Hydrogeologists

Association of Polish Hydrogeologists

University of Silesia

UNESCO

SECOND CIRCULAR

SCIENTIFIC COMMITTEE

Andrzej J. Witkowski (Poland) – chairman

Bartolomé Andreo-Navarro (Spain)	Renata Flakova (Slovakia)	Jacques Mudry (France)
Alice Aureli (UNESCO)	Stephen Foster (UK)	Marco Petitta (Italy)
Przemysław Bukowski (Poland)	Ricardo Hirata (Brazil)	Nick Robins (UK)
Andrzej Kowalczyk (Poland)	Nico Goldscheider (Germany)	Jacek Rózkowski (Poland)
Barbara Čenčur Curk (Slovenia)	Józef Górski (Poland)	Stanisław Staško (Poland)
John Chilton (UK)	Ewa Krogulec (Poland)	Teodóra Szócs (Hungary)
Massimo V. Civita (Italy)	Jim LaMoreaux (USA)	Jaroslav Vrba (Czech Republic)
Alain Dassargues (Belgium)	Manuela Lasagna (Italy)	Stanisław Witczak (Poland)
Daniela Ducci (Italy)	Judit Madl-Szónyj (Hungary)	François Zwahlen (Switzerland)
Krzysztof Dragon (Poland)	Peter Malik (Slovakia)	Anna Żurek (Poland)

ORGANIZING COMMITTEE

Chairman: Jacek Rózkowski

Secretary: Joanna Czekaj

Members: Sabina Jakóbczyk - Karpierz, Dominika Dąbrowska, Dorota Grabala, Ewa Kaczkowska, Hanna Rubin, Kinga Ślósarczyk, Krystyn Rubin, Sławomir Sitek, Piotr Siwek, Marek Sołtysiak, Jacek Wróbel

CONFERENCE TOPICS

1. Development of the vulnerability concept
2. Groundwater vulnerability assessment in urbanised and heavily transformed mining areas
3. Groundwater vulnerability and groundwater pollution risk
4. Groundwater recharge and its role in vulnerability assessment
5. Vulnerability in karst areas
6. Application of GIS tools and modelling in GW vulnerability assessment
7. Groundwater vulnerability assessment in order to CC and efficient land use management
8. Vulnerability assessment role in sustainable water management
9. Groundwater vulnerability mapping and its practical application.

OFFICIAL LANGUAGE

The official language of the Conference will be English.

PRELIMINARY CONFERENCE PROGRAMME

	04.06.2018 Monday	05.06.2018 Tuesday	06.06.2018 Wednesday	07.06.2018 Thursday	08.06.2018 Friday
8:00			Conference Field Trip		
9:00		Registration		Technical session	Technical session
10:00		Opening speech			
11:00		Plenary session		Lunch	Closing words
12:00					
13:00		Lunch		Lunch	Lunch
14:00		Plenary session		Technical session	
15:00					
16:00	Registration Pre- conference workshop				
17:00		Poster session			
18:00					
19:00		Dinner			
20:00	Welcome reception	Barbecue party	Dinner	Conference banquet	
...					Evening leisure activities

PRE-CONFERENCE WORKSHOP

Pre-conference workshop concerning specialized hydrogeological software is planned. Currently we're negotiating with the companies.

CALL FOR PAPERS

Accepted abstracts will be published in a special conference volume. As post-conference publications, 40 most outstanding papers will be published in the special volume of IAH selected papers (30 papers) and Environmental Earth Sciences (10 papers).

The final paper must be no longer than 10 single-line-spaced type pages (Font Times New Roman 12 points) including figures and tables. Dead-line for manuscript submission is 15th April 2018. Papers will be subjected to international reviewers. Authors may be asked to revise their papers according to the reviewer's recommendations.

Please note that in order to have the accepted paper published, the full registration fee needs to be paid before 31st March 2018. Payment should be done by the author or at least by one of the co-authors.

EXCURSION

Full-day visit in the Upper Silesia industrial region (lunch included).

The theme of the trip includes problems of exploitation of coal deposits and the functioning of industrial and service-residential space in the region. The tour will start from the historic Guido Mine in Zabrze (<https://kopalniaguido.pl/index.php/en/>).

The exploitation in the coal mine lasted from 1871 until 1996. Two excellently preserved mining levels are waiting for visitors 170 and 320 meters below the surface. You will go there with the authentic elevator, the same that is used in active coal mines. The main attractions of the mine are the large-scale mining machines presented in operation (roadheader and longwall coal-cutting machine) and the ride in suspended electric rail. The underground museum presents the development of mining technology from the end of the 19th century up to modern times. Tour duration lasts 2.5 hours and the route length is 3.5 km. The tour of Guido Coal Mine ends in the deepest located pub in Europe, which is situated in a pump hall. There is served "Guido" beer – a fantastic drink, brewed by the local brewery from Gliwice, coming in two versions: lager and stout.

After visiting the Guido Mine we will go to one of the Katowice district - Nikiszowiec. It is an authentic workers' settlement, built in 1908-1918. This settlement adjacent to the mine shaft "Nikischacht". Nikiszowiec consists of unique buildings made of red bricks and connected with each other, neo-baroque church and public facilities. The district has a unique charm and is one of the main tourist attractions in Katowice. It is counted among the Industrial Monuments Route since 2006 (<https://www.zabytkitechniki.pl/en-US/Poi/Pokaz/1715>).

A dinner is planned at the stylish restaurant in Giszowiec - another historical district of Katowice. Old two-family houses have been preserved there. They also were built for miners of a nearby mine. The character of this district, however, is completely different and it is called a garden district. Both districts: Giszowiec and Nikiszowiec were backgrounds for many historical Polish movies.

ACCOMPANYING PERSONS

Accompanying persons may join the Conference. Special programme will be organised according to number of accompanying persons.

THIRD CIRCULAR

Third circular giving details of the organisation of the Conference will be distributed on **April 2018**.

VENUE

The Conference traditionally will be held in Ustroń, Poland. Ustroń is one of the best known Polish resorts and spas in the Beskidy Mts. The town is located 90 km south of Katowice in the southern part of Poland. There are several possibilities of travelling to Katowice: by air, by train or by bus. Special buses from Sosnowiec to Ustroń will be provided by the Conference organisers.

ACCOMMODATION

All participants will be accommodated at the Conference Centre (Hotel***) in Ustroń. For practical reasons booking of hotel rooms will be done by the organisers of the conference. Approximate cost of the accommodation is **30 - 60 €* per person per night** (breakfast and VAT included).

*current rate for 1€ - 4.25 PLN

IMPORTANT DATES

Preliminary registration and submission of abstracts:	1st February 2018
Information on acceptance of papers:	15th February 2018
Submission of full papers:	15th April 2018
Final registration (for participants presenting papers):	1st March 2018
Third circular:	April 2018

REGISTRATION

Registration form is available on Conference website www.vulnerability.us.edu.pl

REGISTRATION FEE

	<i>before</i> 31 st January 2018	<i>after</i> 31 st January 2018
IAH member:	400 €	450 €
Non-member:	450 €	500 €
Early Career Hydrogeologist (IAH):	300 €	350 €
Student IAH member:	220 €	250 €
Student:	270 €	300 €
Accompanying Person:	270 €	300 €

Registration fee includes: admittance to all sessions, proceedings (only for participants), ice breaker party, refreshments during breaks, lunches (3), dinner, barbecue party, conference banquet and field trip.

Early Career Hydrogeologist – member of IAH and Early Career Hydrogeologists' Network.

Student is obliged to confirm its status by presenting an appropriate document.

For cancellation before 15th March 2018 an administration fee of 50 € will be deducted. For cancellation between 16th March and 30th April 2018 a refund of 50% will be possible. No refund will be possible for cancellation received after 30th April 2018.

PAYMENT

Payment can be made by bank transfer to the following account:

Owner of the bank account:

UNIwersytet Śląski w Katowicach

ul. BANKOWA 12, 40-007 KATOWICE

Bank: ING BANK ŚLĄSKI S.A. Oddział w Katowicach

IBAN: PL74 1050 1214 1000 0007 0000 7909

SWIFT: ING BP LPW

Title: IAH2018, *first name, last name*

ARRIVAL

Participants are suggested to arrive to Sosnowiec or Ustroń on Monday, June 4th, 2018.

There are several possibilities of travelling to Sosnowiec:

- by air (to Katowice - Pyrzowice airport or to Cracow - Balice airport, situated about 60 km from Sosnowiec),
- by train,
- by car.

The organisers will arrange bus transport from Sosnowiec to the Conference centre in Ustroń (on Monday 4th of June - for additional charge 10 € per person) and from Ustroń to Sosnowiec (on Friday 8th of June - 10 € per person) and later from Sosnowiec to Katowice – Pyrzowice airport – additional charge 5 € per person.

Shuttle bus from Katowice airport to Sosnowiec (Faculty of Earth Sciences) will be available on Monday, June 4th, 2018 - for additional charge 5 € per person. Katowice – Pyrzowice airport is located about 25 km from Faculty of Earth Sciences (approximately 30 minutes by car).

Detailed information concerning the time and the place of shuttle bus departure from Katowice airport will be given in the third circular.

SPONSORSHIP

Institutions and companies are warmly invited to sponsor the Conference. Our sponsors will have priority in benefiting from our promotional campaign (advertisement in Conference programme, logos). For organisational reasons, we would appreciate if you informed us of your decision on vulnerability@us.edu.pl.

Owner of the bank account:

UNIWERSYTET ŚLĄSKI W KATOWICACH

ul. BANKOWA 12, 40-007 KATOWICE

Bank: ING BANK ŚLĄSKI S.A. Oddział w Katowicach

IBAN: PL74 1050 1214 1000 0007 0000 7909

SWIFT: ING BP LPW

Title: IAH2018, *name*

FOR INFORMATION PLEASE CONTACT CONFERENCE SECRETARIAT

Joanna Czekaj

Secretariat of the Conference

University of Silesia

Będzińska Str., 60

41-200 Sosnowiec, Poland

Tel. **+48 32 3689 481**

E. Mail: vulnerability@us.edu.pl

OR VISIT CONFERENCE WEBSITE AND SOCIAL MEDIA FANPAGE

www.vulnerability.us.edu.pl

www.facebook.com/gwvulnerability