



2017 Annual Report of the Slovak National IAH Chapter



Members of the Slovak National Chapter of the International Association of Hydrogeologists are working closely within the framework of the national association of professional hydrogeologists – the Slovak Association of Hydrogeologists (Slovenská Asociácia Hydrogeológov – SAH), a non-governmental legal body acting as civic association according to applicable Slovak laws. All Slovak National IAH Chapter are SAH members, however, the Slovak National Chapter is counting only 6 members by the end of 2017, while there were 154 members of SAH in the same moment.

The main Slovak National IAH Chapter activities in 2017 were focused on:

- Active participation of National Chapter members at international and domestic scientific conferences and workshops, including:
 - 6th workshop of the “Remediation in Theory and Practice” series, named “Practical experience from contaminated sites remediation – I”), co-organized by Slovak Association of Hydrogeologists, Department of Hydrogeology, Faculty of Natural Sciences, Comenius University Bratislava and the EPS Slovensko company, held on March 30, 2017 in Bratislava, Slovakia. Slovak National IAH Chapter was represented here by Ms Zlatica Ženišová, Ms Renáta Fláková, Mr Peter Némethy and Mr Peter Malík, acting as scientific committee members. The workshop was attended by 80 participants;
 - EGU GENERAL ASSEMBLY, Vienna, Austria, April 24 – 27, 2017 (European Geoscience Union General Assembly, traditionally organised every spring in Vienna) was attended by Mr David Krčmář and Mr Peter Malík;
 - Joint XV. Hydrogeological Congress of the Czech Association of Hydrogeologists and III. Engineering-Geological Congress of the Czech Association of Engineering Geologists, organised in Brno (Czech Republic) on September 4 – 7, 2017 was actively attended by Ms Miriam Fendeková, Ms Zlatica Ženišová, Ms Renáta Fláková and Mr Peter Malík;
 - 44th IAH Congress „Groundwater Heritage and Sustainability“ (Dubrovnik, September 24 – 30, 2017) was actively attended by Mr Peter Malík, acting as the Congress Scientific Committee member, acting as a convenor of T5.6 session “Novel methods and techniques for karst aquifer characterization” and T2.5 session “Transdisciplinary and participatory approaches in groundwater research and management”, presenting research on “Transmissivity values of pre-Quaternary aquifers based on borehole specific capacity reinterpretation” at T2.5 session and also participating both on the IAH general assembly and the IAH National Chapters’ meeting;
 - 4th Slovak Association of Hydrogeologists Field Seminar, organized by SAH and co-organized by Slovak National Chapter of IAH, held on October 18 – 20, 2017 in Oravice (Northern Slovakia) under the motto: “Groundwater without frontiers”. Filed Seminar was attended by majority of the Slovak National IAH Chapter members (five in total: Ms Zlatica Ženišová, Ms Renáta Fláková, Mr Peter Némethy, Mr Anton Auxt and Mr Peter Malík) participated on this traditional meeting of hydrogeological practitioners, focused on visiting interesting hydrogeological sites (captured springs, exploited wells, geothermal borehole), together with another 51 participating persons. Before field visits, Mr Peter Malík presented here a brief history of hydrogeological investigations in Oravice region, the role of Mr Michal Zakovič (a hydrogeologists whose 10th

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anniversary of his sudden and unexpected passing was commemorated here) in this investigations and results of the KRASCAVE LIFE+ project on karstic groundwater in Krásnohorská jaskyňa Cave;

- “Geochemistry” – conference organised by Štátny geologický ústav Dionýza Štúra – Geological Survey of Slovak Republic on December 6 – 7, 2017 in Častá – Papiernička was among another 90 participants actively visited by Ms Zlatica Ženišová, and Ms Renáta Fľaková Slovak National IAH Chapter members;
- traditional workshop “Groundwater protection problems” organized by Water Research Institute on December 5, 2017 in Bratislava with active participation of Ms Katarína Pilátová (presentation entitled “Pharmaceuticals in groundwater – development of EU legislation and its implication on Slovakia”), Mr Peter Malík (“Transmissivity values of pre-Quaternary aquifers based on borehole specific capacity reinterpretation”), and Ms Zlatica Ženišová who was, together with Mr Peter Malík, chairing the session on “Latest groundwater investigations in Slovakia”. About 120 water scientists and water administrators were participating on this workshop.

Short summaries of the events were published in the SAH news, No. 47–48, 2017 (<http://sah-podzemnavoda.sk>).

- Annual meeting of the Slovak National Chapter during the general Assembly of Slovak Association of Hydrogeologists on December 5, 2017 in Water Research Institute Bratislava. This regular meeting of Slovak National IAH Chapter members was attended by Ms Zlatica Ženišová, Ms Renáta Fľaková, Mr Peter Némethy and Mr Peter Malík, a brief information on membership state and prepared actions was discussed here.
- Active participation of Slovak National IAH Chapter members in groundwater decision making process – as members of the Commission for Groundwater Amounts Approving (advisory body to Slovak Ministry of Environment): Ms Miriam Fendeková, Ms Zlatica Ženišová and Mr Peter Malík acting as permanent members, in Slovak Geological Board (also advisory body to Slovak Ministry of Environment): Mr Peter Némethy and Ms Renáta Fľaková acting as permanent members, in Examining Commission for Hydrogeologists’ Professional Skills by the Slovak Ministry of Environment: Ms Zlatica Ženišová and Mr Peter Malík acting as examiners, Groundwater Working Group on EU Water Framework Directive Implementation: Ms Katarína Pilátová acting as a working group chairing person, Ms Renáta Fľaková and Mr Peter Malík as permanent members.



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Planning of Slovak National IAH Chapter activities for 2018:

- Participating on the 19th Slovak Hydrogeological Conference organization (organized by SAH and co-organized by Slovak National IAH Chapter), in 2018 devoted to the 40th anniversary of Hydrogeology Department establishing with the Comenius University Faculty of Natural Sciences and organized in November 2018 in Nimnica Spa (Western Slovakia);
- Participating on the organization of the next (7th) workshop on “Remediation in Theory and Practice” in Bratislava;
- Active participation on IAH Congress Daejeon and IAH supported Conferences (Ustroń, Poland);
- Active participation in groundwater exploitation and groundwater protection decision making process – as various commission members, but also via medialized information on groundwater and the need of its protection.

Peter Malík
Chairman of the Slovak National IAH Chapter

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