

S e c o n d A n n o u n c e m e n t

Water Research Institute
in cooperation with
Ministry of Agriculture, Environment and Regional Development of the Slovak Republic
Slovak Water Management Enterprise
Slovak Hydro-Meteorological Institute
Faculty of Civil Engineering of the Slovak University of Technology in Bratislava
Hydrology Institute of SAS
International Commission for the Protection of the Danube River
Water Management Construction
Slovak Water Management Society of the Association of the Slovak Scientific and Technological Societies
Association of Employees in Water Management in Slovakia
Union – Wood, Forests, Water
Association of Towns and Municipalities of Slovakia
Union of Towns and Cities of Slovakia
Slovak Academy of Agricultural Sciences, Department of Water Management

invite you to the conference with international participation

Floods 2010: causes, development and experience

3 - 5 November 2010

in conference halls of Hotel Baník, Štrbské pleso, Slovakia



S e c o n d A n n o u n c e m e n t

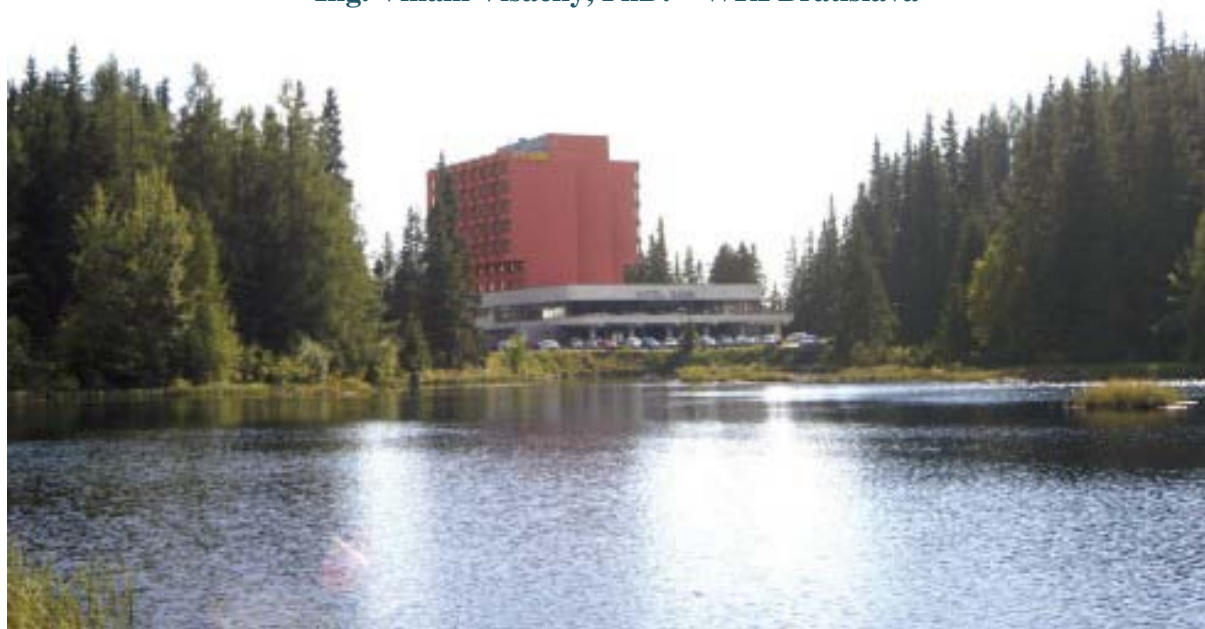
Floods which occurred in the territory of the Slovak Republic in May and June 2010 are rare in flood history of Slovakia. The Ministry of Agriculture, Environment and Regional Development of the Slovak Republic assumes that it is important to provide expert society with related knowledge.

The same situation was in the Czech Republic, Hungary and Poland and therefore the knowledge and experience acquired by foreign experts are the important part of the upcoming conference. While dealing with flood issues, we appreciate the possibility of international exchange of experience represented by this conference.

We all know that not only climate changes bring floods and cause damage but it is also necessary to talk about natural capacity of land to control the runoff and make the life safe for people living in the floodplains.

Programme Committee:

**Ing. Dušan Abaffy, PhD. – WRI Bratislava
Ing. Martin Bačík - MAERD SR Bratislava
Ing. Juraj Brtko, CSc. – WRI Bratislava
Zdenek Dlugoš – U-WFW Bratislava
Ing. Stanislav Fialík - SWME, Banská Štiavnica
Ing. Norbert Halmo – MAERD SR
Ing. Daniel Kvocera – SWME, Banská Štiavnica
Ing. Igor Liška, CSc. – ICPDR Viedeň
RNDr. Oľga Majerčáková, CSc. - SHMI Bratislava
akad. mal. Marian Minarovič – UTCS Bratislava
Ing. Ján Munkáči - AEWM, Banská Bystrica
Ing. Peter Panenka – WMC, – TBD Bratislava
Prof. Ing. Ján Szolgay, PhD. – FCE SUT Bratislava
Mgr. Tatiana Šimková – WRI Bratislava
Prof. Ing. Andrej Šoltész, PhD. – FCE SUT Bratislava
RNDr. Vlasta Štekauerová, CSc. – HI SAS Bratislava
Ing. Viliam Višacký, PhD. – WRI Bratislava**



Preliminary Programme of the Conference:

| DATE | chairman | TIME | TOPIC | PRESENTER | |
|---------------------------------------|--|--|---|---|--|
| Wednesday November 3, 2010 | Ing. Juraj Brtko, CSc. WRI Bratislava | 11.00 – 12.00 | Registration | | |
| | | 12.00 – 12.10 | Opening Ceremony | SK: J.Brtko Statutory Representative of WRI | |
| | | 12.10 – 12.20 | Minister’s Welcome Speech | SK: representative of MPŽPaRR SR | |
| | | 12.20 – 12.30 | Government Delegate’s Speech | SK: Martin Kováč, Delegate of the Government SR | |
| | | 12.40 – 12.50 | ICPDR Representative’s Speech | A: Igor Liska, ICPDR Austria | |
| | 12.50 – 13.20 | | Coffee Break | | |
| | | | Legislation, International Aspects and Experience from Abroad | | |
| | Ing. N. Halmó Development Ministry of Agriculture, Environment and Regional | 13.20 – 13.30 | System Measures for Reduction of Flood Risks | Martin Kováč, representative of the Government SR for public administration and integrated river basin and landscape management | |
| | | 13.30 – 13.40 | Avoiding Floods Now and in the Long Term an Integral Approach to Keep the Netherlands Safe and Attractive in the Future | Ralph Schielen, Ministry of Transport, Public Works and Water Management, Holandsko | |
| | | 13.40 – 13.50 | DANUBE FLOOD RISK Project – Stakeholder Oriented Flood Risk Assessment for the Danube Floodplains | Mary-Jeanne Adler, Ministry of Environment and Forests, Romania | |
| | | 13.50 – 14.00 | 2010 Flood in the Inferior Danube Basin on the Romanian Territory | Simona Patrut, Ministry of Environment and Forests, RO | |
| | | 14.00 – 14.10 | National Flood Discharge Mapping in Austria | R. Merz, G. Blöschl, J. Parajka, Vienna University of Technology, Austria | |
| | | 14.10 – 14.20 | Flash Floods in the Operational Area of the North-transdanubian Environmental and Water Directorate (DUKVIZIG) in May 2010 | Karoly Gombas, North-transdanubian Environmental and Water Directorate, Hungary | |
| | | 14.20 – 14.30 | Extreme Flood Situation on the Operating Territory of North Hungarian Environment and Directorate in May-June 2010 | Miklós Rác, ÉKÖVÍZIG, Hungary | |
| | | 14.30 – 15.00 | | Discussion | |
| | | 15.00 – 15.20 | | Coffee Break | |
| | | Prof. Ing. J. Szolgay, PhD. Slovak University of Technology | 15.20 – 15.30 | Extreme Floods in the Sajó/Slana Catchment Systems an Other Parts of the Tisza Basin | G. Balint, A. Csik, B. Gauzer, VITUKI, Hungary |
| | | | 15.30 – 15.40 | Flash Floods in Hungary 2010 | Z. Kling, L. Szlavik, G. Balint, VITUKI, Hungary |
| 15.40 – 15.50 | | | Analyses of the Frequency of Some Recent Extreme Flood Events | G. Liptak, A. Zemleni, G. Balint, VITUKI, Hungary | |
| 15.50 – 16.00 | | | Consequences of the Extreme Precipitation in May and June in Hungary | László Márfa, Árpád Szentiványi, VITUKI Hungary | |
| 16.00 – 16.10 | Disastrous Torrential Floods in Mountain Areas in Serbia | | Zoran Gavrilović, Mileta Milojević, Jelena Čotrić, Institute for the Water Development, Serbia | | |
| 16.10 – 16.20 | Torrent Flood Risk Management and Torrent Flood Control in Serbia | | Milutin Stefanović, Institute for Development of Water Resources, Serbia | | |
| 16.20 – 16.30 | Vltava Cascade – Experience with Managing the System of Hydraulic Structures in Extreme Hydrological Situations | | Tomáš Kendík, Vltava River Basin, Czech Republic | | |
| 16.30 – 16.40 | Floods 2010 in the Morava River Basin | | Pavel Bíza, Morava River Basin, Czech Republic | | |
| 16.40 -16.50 | First Experience of Flood Risk and Flood Hazard Mapping in the Czech Republic – Pilot Project | Jan Cihlár, Kateřina Hánová, Vodohospodářský rozvoj a výstavba a.s. ČR | | | |

S e c o n d A n n o u n c e m e n t

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| 16.50 – 17.00 | Operation of the Chosen Water Storage Reservoirs on the Basis of an Example of Floods which Occurred in May and June 2010 | Jerzy Grela, Radoslaw Radoń, Regionalny Zarząd Gospodarki Wodnej w Krakowie, Poland |
| 17.00 – 17.10 | Transboundary Cooperation of Trans-Carpathian Water Management in the Field of Flood Protection on Boundary Waters in the Tisa River Basin | Alexander Kostyukov, Transcarpathian Water Management, Uzhgorod, Ukraine |
| 17.10 – 17.20 | Experience with Implementation of the Flood Protection Act | Martin Bačík, Zuzana Ryšavá, MPŽPaRR SR |
| 17.20 – 17.50 | Discussion | |

Current Flood Protection Analysis; Meteorological and Hydrological Causes of Floods in Spring 2010

**Thursday
November 4, 2010**

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| Ing. M. Supek Slovak Water Management Enterprise (SWME) | 08.30 – 08.40 | Problems of Determining Design Flood Waves for Dimensioning Retention Capacities | Ján Szolgay, Department of Landscape Water Management of the STU, Bratislava |
| | 08.40 – 08.50 | Current Flood Protection Managed by Slovak Water Management Enterprise – Branch Banská Bystrica | Rigo František, SWME Banská Bystrica |
| | 08.50 – 09.00 | Flood Protection of Banská Bystrica by Constructing the Diversion Tunnel | Marek Čomaj, Vladimír Polák, Dušan Abaffy, WRI |
| | 09.00 – 09.10 | Disaster Financing Mechanism | Jozef Klučka, University of Žilina |
| | 09.10 – 09.20 | Decision Supporting Tool (VESNA) | Martin Mišík, et al., DHI SLOVAKIA, |
| | 09.20 – 09.30 | Uncertainties of Determining the Design Maximum Discharges in Small River Basins by Using Different Methods | Silvia Kohnová, Department of Landscape Water Management of the Slovak University of Technology |
| | 09.30 – 09.40 | Assessment of Land Use Impact on Design Maximum Discharges | Kamila Hlavčová, , Department of Landscape Water Management of the Slovak University of Technology |
| | 09.40 – 09.50 | 2010 Floods – Causes and Consequences from the Viewpoint of River Basin Infrastructure | Jozef Benický, WRI |
| | 09.50 – 10.20 | Discussion | |
| | 10.20 – 10.40 | Coffee Break | |
| RNDr. O. Majerčáková PhD., Slovak Hydrometeorological Institute (SHMI) | 10.40 – 10.50 | Consideration of Historical Floods in Statistical Determination of design Maximum Discharges | Ladislav Gaál, , Department of Landscape Water Management of the Slovak University of Technology |
| | 10.50 – 11.00 | Flood Hazard and Flood Risk Mapping in the Domanižanka River Basin | Miroslav Lukáč, Katarína Mravcová, WRI |
| | 11.00 – 11.10 | Flood Hazard and Flood Risk Mapping in the Hornád River Basin | Marián Kučera et al., DHI SLOVAKIA |
| | 11.10 – 11.20 | Synoptic Causes of Floods in May and June 2010 in Slovakia | Martin Benko, PhD., Jozef Csaplár, Miriam Jarošová, Paulína Valová, SHMI |
| | 11.20 – 11.30 | Floods and Safety of Water Structures | Peter Panenka, Andrej Kasana, VV š.p., TBD |
| | 11.30 – 11.40 | Land-Use Planning in the System of Preventive Flood Protection Measures | Rusina, SWME Bratislava |
| | 11.40 – 11.50 | Methods of Estimating the Design Precipitation in the Czech Republic | Ján Kysel, Ladislav Gál, STU, Bratislava |
| | 11.50 – 12.00 | Impact of Vegetation on Hydrological Processes and Floods in Slovakia | Viliam Novák, Hydrological Institute of the SAS |
| | 12.00 – 12.10 | Importance of Lipovská Mara and Orava Water Reservoirs in Regulating Flood Discharges | Pavol Zachar, Peter Caban, Dušan Chlapík, PhD., SWME Piešťany |
| | 12.10 – 12.20 | Break Wave Simulation Using the Flood | Květon R., Šulek P., Cipovová |

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|---|---|--|---|
| Ing. D. Abaffy, PhD., Water Research Institute (WRI) | 12.20 – 12.30 | Mapping Method Flood Protection of Settlements in the Malé Karpaty Region | K., Orfánus M., KHTE STU Šoltész, A. a kol., KHTE STU |
| | 12.30 – 12.50 | Discussion | |
| | 12.50 – 14.40 | Lunch | |
| | 14.40 – 14.50 | Extreme Atmospheric Precipitation in Spring and Early Summer 2010 in Slovakia | Jozef, Pecho, Pavel Faško, Milan Lapin, Peter Kajaba, Katarína Mikulová, Pavel Šťastný, SHMI |
| | 14.50 – 15.00 | Weather Anomalies in the First Decade of the 21st Century in Relation to their Occurrence in Slovakia in the 20th Century | Jozef Pecho, Pavel Faško, Milan Lapin, Peter Kajaba, Katarína Mikulová Pavel Šťastný, SHMI |
| | 15.00 – 15.10 | Atmospheric precipitation in Slovakia in 1871 – 2010 | Jozef Pecho, Pavel Faško, Pavel Šťastný, SHMI |
| | 15.10 – 15.20 | Hydrological Effect of Floods in May and June 2010 | Danica Lešková, Valéria Wendlová, Michal Hazlinger a kol., SHMI |
| | 15.20 – 15.30 | Activities of Hydrological Service During the 2010 Floods | Jana Poórová, Danica Lešková, Michal Martinka, Peter Smrtník. SHMI |
| | 15.30 – 15.40 | Cooperation of Hydrological Services During the 2010 Floods and in Evaluation of These Floods | Michal Martinka, Helena Šipikalová, Soňa Liová, Ján Novák, SHMI |
| | 15.40 – 15.50 | Hydrological Assessment of 2010 Floods and Their Comparison with Floods in the Past | Jana Poórová, Peter Škoda, Oľga Majerčáková, Lotta Blaškovičová |
| 15.50 – 16.00 | Hydrological Assessment of Floods in the River Basins of Morava, Danube and Nitra in May and June 2010 | Lotta Blaškovičová, Michal Martinka, Ondrej Tausberik, Katarína Matoková, SHMI | |
| 16.00 – 16.10 | Hydrological Assessment of Floods in the Váh River Basin in May and June 2010 | Soňa Liová, Ivan Machara, Marcel Zvolenský, Zuzana Danáčová, SHMI | |
| 16.10 – 16.40 | Discussion | | |
| 16.40 – 17.00 | Coffee Break | | |
| Ing. P. Panenka VV, š.p. TBD | 17.00 – 17.10 | Hydrological Assessment of Floods in May and June 2010 in the River Basins of Hron, Ipeľ and Slaná | Helena Šipikalová, Daniela Kyselová, Jana Podolinská, Pavol Kováč, SHMI |
| | 17.10 – 17.20 | Hydrological Assessment of Floods in May and June 2010 in the River Basins of Bodrog, Hornád and Dunajec | Ján Novák, Dorota Simonová, Beáta Demeterová, Beáta Síčová, SHMI |
| | Experience with Floods, Mitigation of Floods and Flood Protection Measures, Current Tasks of Flood Risk Management | | |
| | 17.20 – 17.30 | Floods from the Point of View of Health Protection | Katarína Halzlová, Office of Public Health SR |
| | 17.30 – 17.40 | How to Reduce Adverse Consequences of Floods – Measures Implemented by SWME Bratislava | Peter Minárik, SWME Bratislava |
| | 17.40 – 17.50 | Analysis of Flood Occurrence on the Danube and Váh | Pavla Pekárová, Hydrological Institute of the Slovak Academy of Science |
| | 17.50 – 18.00 | Experience with Floods on Rivers and Hydraulic Structures Managed by SWME Bratislava | Virág, SWME Bratislava |
| | 18.00 – 18.10 | Floods on Slatvinec in 2008 and 2010 | Ľuboš Jurík, Tatiana Kaletová, Monika Medovičová, SPU, Nitra |
| | 18.10 – 18.20 | River Administrator's Experience with Floods and its Application to Flood Risk | Snopko Ján, SWME Banská Bystrica |

**Friday
November 5, 2010**

Ing. Martin Bačík
Ministry of Agriculture, Environment and Regional Development
of the Slovak Republic

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| | Management Plan | |
| 18.20 – 18.30 | Floods in the Region of Lower Váh River in May and June | Miroslav Spál, Ján Kováč, SWME Piešťany |
| 18.30 – 19.00 | Discussion | |

Experience with Floods, Mitigation of Floods and Flood Protection Measures, Current Tasks of Flood Risk Management

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|---------------|---|---|
| 09.00 – 09.10 | Mitigation of Flood Events and Their Impacts by the Administrator of the Slaná River Basin | Varga Ladislav a kolektív, Správa povodia Slanej Rimavská Sobota |
| 09.10 – 09.20 | Runoff Regime in Small River Basins in the Region of High and Western Tatras in Spring 2010 | L. Holko, Z. Kostka, Hydrological Institute of the Slovak Academy of Science, Liptovský Mikuláš |
| 09.20 – 09.30 | Floods in May and June 2010 in the Region of East Slovakia | Authors of the River and River Basin Administration Offices - SWME Košice |
| 09.30 – 09.40 | Particularities of Flood Protection Activities of Individual River Basin Administration Offices within the SWME Košice | Directors of River Basin Administration Offices - SWME Košice |
| 09.40 – 09.50 | Proposal of Measures as a Consequence of Floods on Rivers Managed by the Administrator of Lower Hron and Lower Ipeľ River Basins | Jurica Juraj et al., Lower Hron and Lower Ipeľ River Basins Administration Office - Levice |
| 09.50 – 10.00 | Historical Spring Floods on the Lower Nitra and Žitava Rivers | Silvester Varga SWME Piešťany |
| 10.00 – 10.10 | Flood in the locality of Mašekov Mlyn and in the Žitava Region | Michal Demeš, FAO |
| 10.10 – 10.40 | Discussion | |
| 10.40 – 11.00 | Conclusions and Recommendations Closing Ceremony | |
| 11.00 – 13.00 | Lunch | |



Conference Secretariat:

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Accommodation

Please book your room individually in the hotel - conference venue. For any further information please do not hesitate and contact Ms. Ingrid Voznická, marketing manager of the hotel.

Hotel contact:

Hotel ***SOREA Baník

059 85 Štrbské Pleso, SR

Tel.: +421 52/44 925 41

Fax: +421 52/44 921 24

Mobile: +421 918 665 503

e-mail: marketingbnk@sorea.sk

web: www.sorea.sk

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Company Registration No: 31339204 registered in the Company Register. BA 1, section: Sro, reg.no. 4069/B

place of business: Hotel SOREA Baník, 059 85 Štrbské Pleso, SR

Hotel rates:

22.32 Eur / person / day

Additional rate for suite 16.60 € / day

Local tax: 0.85 € / day / person

Additional rate for double room used as single: 7.00 € / day

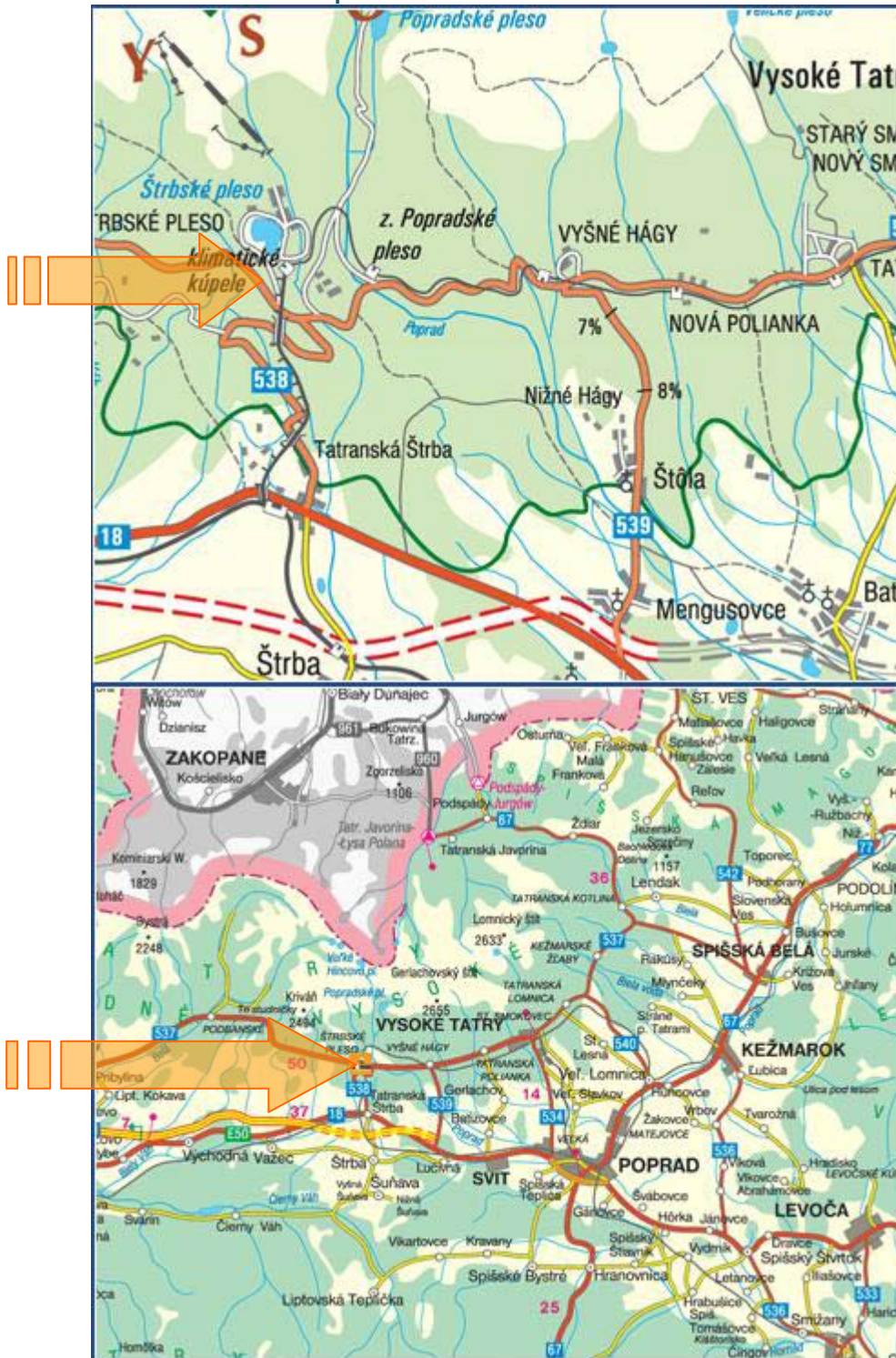
Price includes: accommodation - minimum of 2 nights
 half board
 1 drink to dinner
 1 entry to sauna
 free entry to fitness + table tennis

Other possible accommodation: TOLIAR <http://www.hoteltoliar.sk/>

Transport

Transport to the Conference venue will be organized individually. Hotel Baník is situated near the Štrbské pleso with regular transport connection via train from the Štrba and Poprad railway stations. The hotel is located about 6 minutes of walk from the „Štrbské pleso“ railway station. Hotel parking is free of charge. Parking lot is unattended.

Map of the Conference Venue



Organizational Information

Please send registration forms together with the participation fee receipt by fax or ordinary mail to the correspondence address by October 15, 2010. One registration form may include more than one participant.

Conference fee includes CD-proceedings, refreshment, organizational-technical services, lunch and evening reception.

S e c o n d A n n o u n c e m e n t

Company presentation and advertisement

Price list

| <u>Activity</u> | <u>Price</u> | <u>Currency</u> | <u>Notes</u> |
|---|--------------|-----------------|--|
| Placing the company logo in conference hall | 200 | EUR | <i>Please deliver 1 original logo in printed version - size 40x40 cm</i> |
| panel - poster | 200 | EUR | <i>Poster size 70 x 100 cm</i> |
| table | 200 | EUR | <i>Table size 80 x 140 cm</i> |
| company presentation | 200 | EUR | <i>Up to 10 minutes</i> |

Instructions for the Authors of Articles

Please send articles to the address simkova@vuvh by October 15, 2010 at the latest.

| | |
|-------------|---|
| Page layout | A4 (210x297 mm) |
| Text | Microsoft Word |
| Margins | upper, lower, right and left - 2,5 cm |
| Font size | Name of article - capitals 14 BOLD Name of author(s) - 12 bold Chapter titles - capitals 12 BOLD Text - font size 11 |
| Font type | Times New Roman |
| Spacing | 1 |

Number of pages max. 10 pages including annexes (figures and tables)
Put the **title of the paper** in the middle of upper margin. Leave two lines below the title blank. Type the **name of author(s)** without academic titles as follows: initial of the first name; surname. Leave a line below the name blank; type the name of organization together with address and e-mail to the following line; leave 2 lines blank; follow the text structure - introduction, methodology, results, conclusion and bibliography.

Number the **chapters** using the Arabic numerals and leave a line blank between the title of chapter and the following text. Use tabulator for the first line of paragraph and put text into a block.

Put **figures** (black and white) and **tables** directly into the text (centre them).

Bibliographic quotations in the text: NAME [1]

Type the **bibliography** according to the order of quotations in the text as follows: [1] HUCKO, P. –LIŠKA, I.: Title, year

Posters: panels sized 1.0x0.7 m (height x width); poster abstract of 3 pages will be published on CD -Conference Proceedings