



# WMHE 2013

## First Announcement

### 13<sup>th</sup> International Symposium

#### on Water Management and Hydraulic Engineering

September 9-12, 2013

Bratislava, Slovakia

#### Organized by:

Slovak University of Technology in Bratislava,  
Faculty of Civil Engineering, Bratislava, Slovakia

#### In collaboration with:

University of Zagreb,  
Faculty of Civil Engineering, Zagreb, Croatia

Gdansk University of Technology,  
Faculty of Civil and Environmental Engineering, Gdansk, Poland

BOKU University of Natural Resources and Applied Life Sciences, Vienna, Austria  
Institute of Water Management, Hydrology and Hydraulic Engineering,

University of Ss. Cyril and Methodius,  
Faculty of Civil Engineering, Skopje

Brno University of Technology,  
Faculty of Civil Engineering, Brno, Czech Republic

## Introduction

WMHE 2013 is the 13<sup>th</sup> International Symposium in the field of Water Management and Hydraulic Engineering. The original bilateral symposium between civil engineering faculties of Gdansk University of Technology and University of Zagreb has been spread to more partner universities - STU in Bratislava, BOKU Vienna as well as University Ss. Cyril and Methodius in Skopje. It became a unique forum for exchange of experience, presentation and discussion of recent research work on different aspects of water and environmental management, including mathematical and physical modelling.

Topics of the symposium have been chosen to cover main aspects of hydrology, hydraulics, geotechnical and sanitary engineering, environmental protection in all branches of the water management practice. The main goal which is foreseen to be achieved is to present recent research results at different research working places in Poland, Croatia, Macedonia, Austria, Czech Republic as well as in other invited countries. This successful series started in 1984 and nowadays it is regularly organised as a two-annual symposium meeting. After ten years the Slovak university of Technology in Bratislava was appointed again to organise the WMHE 2013 symposium, this time in Bratislava – the town on the Danube River.

## Symposium Chairmen

### **Andrej Šoltész**

*Slovak University of Technology, Faculty of Civil Engineering, Bratislava, Slovakia*

### **Davor Malus**

*University of Zagreb, Faculty of Civil Engineering, Zagreb, Croatia*

### **Romuald Szymkiewicz**

*Gdansk University of Technology, Faculty of Civil and Environmental Engineering, Gdansk, Poland*

### **Helmut Habersack**

*BOKU University of Natural Resources and Applied Life Sciences, Vienna, Austria*

### **Cvetanka Popovska**

*University of Ss. Cyril and Methodius, Faculty of Civil Engineering, Skopje, Macedonia*

### **Jaromír Říha**

*Brno University of Technology, Faculty of Civil Engineering, Brno, Czech Republic*

## Honorary chairmen

### **Josip Petraš**

*University of Zagreb, Faculty of Civil Engineering, Zagreb, Croatia*

### **Hans-Peter Nachtnebel**

*BOKU University of Natural Resources and Applied Life Sciences, Vienna, Austria*

## Scientific advisory committee

### **Slovak University of Technology, Faculty of Civil Engineering, Bratislava, Slovakia**

Ján Szolgay  
Peter Dušička  
Štefan Stanko  
Emília Bednárová

### **University of Zagreb, Faculty of Civil Engineering, Zagreb, Croatia**

Neven Kuspilić  
Živko Vuković  
Damir Bekić

### **Gdansk University of Technology, Faculty of Civil and Environmental Engineering, Gdansk, Poland**

Hanna Obarska-Pempkowiak  
Jerzy Sawicki  
Michał Szydłowski

### **BOKU University of Natural Resources and Applied Life Sciences, Vienna, Austria**

Cedomil Josip Jugović  
Willibald Loiskandl  
Johannes Hübl

### **University of Ss. Cyril and Methodius, Faculty of Civil Engineering, Skopje, Macedonia**

Petko Pelivanoski  
Violeta Gesovska  
Vladimir Vitanov

### **Brno University of Technology, Faculty of Civil Engineering, Brno, Czech Republic**

Jan Jandora  
Aleš Dráb

## Organizing Committee

Lea Čubanová - Slovakia  
Ivona Škultétyová – Slovakia  
Marián Minárik - Slovakia  
Dražen Vouk - Croatia  
Wojciech Artichowicz - Poland  
Georg Schuster - Austria  
Zlatko Zafirovski - Macedonia  
Miroslav Špano – Czech Republic

## Symposium Topics

Hydraulic and Environmental Engineering  
Sanitary Engineering and Sustainable Water Use  
Climate Change Impact on Water Resources  
River Basin Management and Restoration  
Geotechnical Engineering

## Symposium Secretariat

Martin Orfánus , contact: martin.orfanus@stuba.sk  
phone: + 421 2 59274 694

## OFFICIAL LANGUAGE

English will be the official language of symposium. No translation facilities will be available. The web page of the conference is in preparation.

## CALL FOR PAPERS

The participants interested in presentation of their papers are invited to submit abstracts to the Organizing Committee by **April 26, 2013**.

**Abstracts** of approx. 300 words should be submitted electronically prepared in Word for Windows text editor, Times New Roman font, 12 pt, single spacing and sent directly per e-mail to secretary of the symposium, martin.orfanus@stuba.sk.

**The papers** should contain maximum number of 10 (A4) pages. Full paper preparation instructions will be presented in the Second Announcement. The papers accepted by the Scientific Committee could be presented orally at the symposium sessions, or as poster presentations. Accepted papers will be published in the proceedings, on CD and on the web page which is under construction.

**Deadline for papers: July 5, 2013.**

## EXCURSIONS

Round trip in the old city of Bratislava  
Boat trip on the Blue Danube River “under the bridges of Bratislava”  
Excursion to the Gabčíkovo hydro-power plant.

## LOCATION

The 13<sup>th</sup> WMHE Symposium will be held in Bratislava, a city situated on both banks of the Danube River is getting into minds of people more often as the capital of the Slovak Republic. Owing to the number of its population amounting to approximately 500.000 inhabitants, it represents a modern metropolis today. It has several significant historical sights. Museum collections will enable you to get familiar with the history and culture of the whole nation.

In living memory, Bratislava, formerly also called Pressburg, was a junction of various cultures, which influenced each other over time and gave the town an indelible character. Slovaks, Austrians, Hungarians and Jews gave the best of their culture to Pressburg cuisine, with its typical poultry (chicken, goose and duck). For many years excellent wine has been produced on the hillsides of Small Carpathians around Bratislava. Visitors to Bratislava during the grape harvest (September) can taste the freshly squeezed unfermented grape juice called “burčiak” (sturm).

## ACCOMMODATION

There are several hotel accommodation possibilities in the surrounding area of the STU in Bratislava. More detailed information will be provided in the second announcement at the end of April 2013.