



FIRST ANNOUNCEMENT

9th International Conference URBAN DRAINAGE MODELLING

4-7 September 2012
Belgrade, Serbia



VENUE

Belgrade (www.beograd.rs) is the capital of Serbia, with a population of around 1.6 million. Situated on the Balkan Peninsula, at the confluence of the Sava and Danube rivers, it is one of the oldest cities in Europe located at the intersection of the roads of Eastern and Western Europe. The official language is Serbian, while foreign visitors have no difficulties communicating in English. Nowadays Belgrade is the place of interest for many tourists discovering its hospitality and friendly atmosphere. Belgrade has direct flights to many European capitals.

The conference will be held in the Best Western M Hotel (www.hotel-m.com), a 4 star hotel surrounded by greenery and sport facilities, but still near the city centre. The hotel provides accommodation at both standard and lower (student) rates. For those who wish, accommodation may be arranged in the 5 star hotels in city centre. Help will also be provided for booking youth hostels and apartments.

PRE-CONFERENCE WORKSHOPS

You are invited to organize a one-day pre-conference workshop, on September 3rd, 2012. The local organizing committee will assist you in organization of such events. Please contact the Conference Chair for further details.

EQUIPMENT AND SOFTWARE EXHIBITION

Equipment manufacturers and software developers are welcome to exhibit their products and/or organize short courses during the conference. For details about the available space and other conditions, please contact the Conference Chair.



YOUNG RESEARCHER AWARD

Young researchers are encouraged to submit papers and participate in the contest for the best paper and presentation.

TENTATIVE CALENDAR

1 Apr 2011 – 30 Sep 2011	Submission of abstracts
1 Nov 2011 – 31 Nov 2011	Abstract acceptance with paper categorisation
1 Dec 2011 – 29 Feb 2012	Submission of full papers
1 Mar 2012 – 1 Apr 2012	Review of papers
1 Apr 2012 – 15 Apr 2012	Paper acceptance notification
1 May 2012 – 15 May 2012	Extended abstract submission
3 Sep 2012	Preconference workshops

CONTACT

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PARTNER ORGANIZATIONS

- Republic of Serbia:
 - Ministry of Education and Science
 - Ministry of Agriculture, Forestry and Water Management, Water Directorate
- IWA, International Water Association
- IAHR, International Association of Hydro-Environment Engineering and Research
- JCUD, Joint IAHR/IWA Committee on Urban Drainage
- UNESCO, United Nations Educational, Scientific and Cultural Organization



CONFERENCE BACKGROUND

The series of Urban Drainage Modelling (UDM) conferences started back in 1986 in Dubrovnik, former Yugoslavia, when the first conference was organized by Čedo Maksimović and the late Miodrag Radojković from the University of Belgrade. Since then, Professor Maksimović has been the *spiritus movens* of the whole UDM conference series. The group of his former co-workers, involved in the organization of the first four UDM conferences, are paying him a tribute by organising the 9th UDM conference in Belgrade in 2012, when Professor Maksimović will retire from Imperial College London.

CONFERENCE TOPICS

UDM conference topics are traditionally related to modelling urban drainage (UD) systems and the interactions with other urban water systems and the urban/suburban environment. The conference is designed to bring together specialists, researchers and practitioners, to exchange experiences, demonstrate present potential, improve the reliability of UD modelling and to set up the stage for its future developments. Topics are from both theoretical and practical developments and applications.

A. DATA ISSUES

- ▶ Data availability, reliability and uncertainty in UD modelling
- ▶ Climate change and UD systems
- ▶ Hydroinformatic support to UD modelling
- ▶ Monitoring of urban designed systems

B. MODELLING

- ▶ Urban stormwater and floods analysis
- ▶ Model and parameter identification and propagation of uncertainty
- ▶ Hydrodynamics of sewer networks and structures
- ▶ Urban runoff quality
- ▶ Real time control of UD systems
- ▶ Integrated modelling (interactions between urban catchments, groundwater, WWTP and receiving water bodies)
- ▶ Uncertainty and sensitivity analysis
- ▶ CFD modelling in UD systems
- ▶ Sediments in sewer systems
- ▶ Artificial intelligence based methods in UD systems
- ▶ Modelling of odours from UD systems
- ▶ Calibration of UD models

C. APPLICATIONS

- ▶ Urban floods forecasting
- ▶ Interaction of pluvial with fluvial, coastal and groundwater flooding in urban areas

- ▶ Rainfall forecasting
- ▶ Stormwater control facilities
- ▶ Modelling of Water sensitive urban design systems (LPD - low impact development)
- ▶ Blue-green corridors and urban drainage interactions

D. MANAGEMENT

- ▶ Stormwater and UD management
- ▶ Risk analysis in UD management
- ▶ Outlook for the UD future (blue sky)
- ▶ Combined sewer overflows
- ▶ UD systems' asset management

E. SPECIAL TOPICS

- ▶ UDM under extreme conditions
- ▶ Urban hydro-ecology and urban amenities
- ▶ Performance trends, indicators and life span assessment
- ▶ Socio-economic interactions and involvement of stakeholders
- ▶ Specific issues in UDM in particular climates
- ▶ UDM in developing countries
- ▶ Education, training and technology transfer

ABSTRACT SUBMISSION INSTRUCTIONS

You are invited to submit an abstract for consideration by the Conference Scientific Committee. Abstracts must be submitted online, through the Conference WEB site. The length of the abstract should be up to 500 words. Please specify the corresponding topic (A. Data issues, B. Modelling, C. Applications, D. Management, E. Special topics) and if the first author is in the category of Young Researchers (according to IWA criteria).

The full paper will be reviewed by two internationally recognized experts. We will seek the possibility to publish the selected papers in international scientific journals.

All full papers presented at the Conference will be available in an electronic version, while the extended abstracts (2 pages) will be printed in a separate book. You will have the possibility to update the abstract, to reflect the final version of the accepted paper.

ORGANISING COMMITTEE

Dušan Prodanović, *University of Belgrade, Serbia* (Conference Chair)

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