

CROATIAN HYDROLOGICAL SOCIETY

in cooperation with

Croatian Society for Irrigation and Drainage

Croatian Society for Water Preservation

Geotechnical Faculty, University of Zagreb

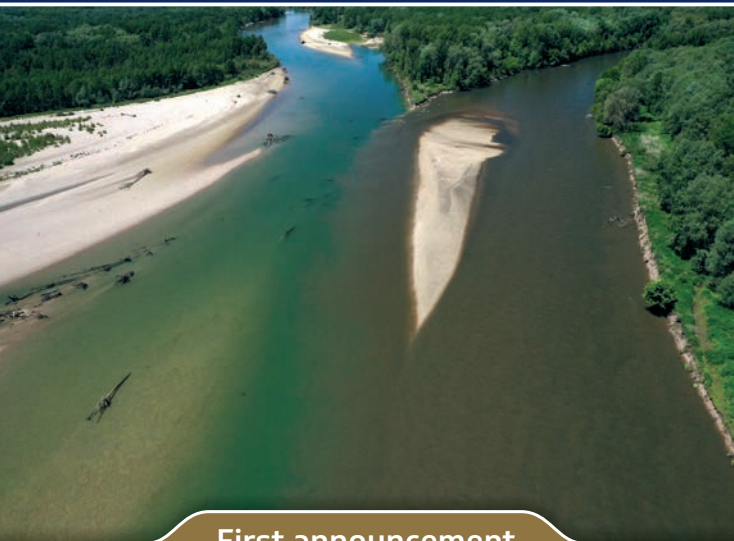
The City of Varaždin

organizes

The Round Table

with International Participation

SEDIMENT IN WATER SYSTEMS - CURRENT STATE AND TRENDS



First announcement

Invitation to authors and participants

7th to 8th May, 2020

Varaždin, Geotechnical Faculty
Hallerova aleja 7

ASSEMBLY OBJECTIVES

Numerous water systems are more or less burdened by sediment washed from water catchment areas. In order to better understanding how water systems behave, it is crucial to know the quantity and quality of sediment, because the problem of sediment occurs in almost all engineering tasks.

The aim of the round table is to assess the current state and to address the problem of sediment occurrence in natural and artificial water systems in Croatia and a surrounding area. Current trends that are going to be discussed include indicators of sediment occurrence as well as trends in monitoring and modelling of sediment transport. Also, solutions for river basin and watercourse management will be looked for. Some of the topics of the round table will focus on the impact of sediment on water flow and morphology. The discussion will also include the presence of suspended sediment / turbidity in karst aquifers, as well as its impact on the water quality of karst sources and related ecosystems. Wider topics related to sediment and its quality as well as the quality of water in deposited water systems will be analysed and discussed as well.

The assembly is going to be held in Varaždin, in the Drava river catchment area, which the town and its inhabitants are closely connected with. The area has rich biodiversity, and river morphology contributes significantly to the processes of sediment transport and deposition.



Sediment on Modro jezero bottom

TOPICS OF SCIENTIFIC – EXPERT ASSEMBLY

1. The processes of sediment production, transport and deposition in river basins and watercourses
2. Sediment in watercourses, reservoirs and lakes, ecosystems related to sediment occurrence
3. Monitoring of water turbidity, suspended sediment concentrations, bed load and water quality
4. Modelling of processes related to sediment transport and deposition
5. Current knowledge of the processes related to the sediment in Croatia and in neighboring countries – recent projects
6. Sediment in karst aquifers – turbidity occurrence and water quality of karst sources
7. Management of water catchment areas – stabilization of river morphology and revitalization of watercourses and other water systems

PROGRAMME – ORGANIZING COMMITTEE

Dijana Oskoruš – president

- Darko Barbalić
- Damir Bekić
- Danko Biondić
- Ranko Biondić
- Alan Cibilić
- Ivan Čanjevac
- Nevena Dragičević
- Ivana Grčić
- Danko Holjević
- Bojana Horvat
- Ivana Ivanković
- Ana Jelčić
- Sanja Kapelj
- Barbara Karleuša
- Zdenko Kereša
- Janja Kramer Stajnko
- Nevenka Ožanić
- Mara Pavelić
- Krešimir Pavlić
- Maja Radišić
- Josip Rubeša
- Josip Rubinić
- Ajka Šorša
- Damir Štuhec
- Ivana Sušanj Čule
- Ivana Šarić
- Renata Šutić
- Mirjana Švonja
- Igor Tošić
- Elvis Žic

APPLICATION AND SUBMISSION OF PAPERS - IMPORTANT DATES

Delivery of titles and abstracts (max. 300 words) via email to hhd.drustvo@gmail.com	until December 31, 2019
Notification of acceptance of papers	January 15, 2020
Full papers / extended abstracts	until February 15, 2020
Delivery of reviews	until March 1, 2020
Delivery of final papers (after review)	until April 1, 2020

REGISTRATION FEE

The registration fee includes: full participation in the work of the assembly, proceedings (extended abstracts), refreshments during breaks, a field trip, preparation, organization and implementation of the assembly.

	Early (until February 15, 2020)	Standard (February 16 - April 20, 2020)
Registration	700,00 HRK	800,00 HRK

The registration fee has to be paid by all the participants. Registration fee has to be paid into a giro account of the Travel Agency Lily Tours: IBAN HR5923600001101783799, reference number 00 08-2020. Participant`s name, and purpose (“Nanos Varaždin 2020”) have to be indicated.

FRAMEWORK PROGRAMME

Day 1 (May 7 2020)	
9:00 - 10:30	Registration of participants
10:30 - 12:30	Assembly opening Introductory thematic lectures
12:30 - 13:30	<i>Lunch break</i>
13:30 - 15:30	Oral presentations
15:30 - 16:00	<i>Coffee break</i>
16:00 - 18:00	Oral presentations
19:00 - 20:00	Opening of the photo exhibition “Tragovi nanosa”
Day 2 (May 8, 2020.)	
9:00-11:00	Oral presentation
11:30-16:30	Field trip

FIELD TRIP

Field trips include several locations along the Drava River near Varaždin such as: the Sports Hall Arena, bridges, restitution of HPP Varaždin, bathing place, flood protection embankment and the old Drava riverbed near Beli Kipi. This section of the Drava River has been heavily influenced by human from the 18th century and is a place of an indispensable hub of cultural, sporting and recreational activities. It is also important for historical, transport, hydropower (HPP Varaždin and Čakovec) and water management reasons. The area is important in terms of rich biodiversity and sediment is one of important links between the river and habitats. In addition to the educational trails project in the Drava Forest Park, the aim of Drava Life Integrated River Management project is to restore the old dry sediment-filled sidearm. It is also one of seven locations intended for the restoration of a riverbed and sidearm. The project aims to raise awareness of the importance of the conservation of river biotopes and its biodiversity (Natura 2000) as well as to reconcile the interests of all stakeholders in the Drava river area.

The visit is scheduled within three kilometres of the river from rkm 288 to rkm 291 and it is expected to last for about 3 hours.



Drava, "Beli kipi" near Varaždin

PHOTO EXHIBITION

On May 7th at 7 pm, the photo exhibition TRAGOVI NANOSA will be opened at Varaždin Music School, Kapucinski trg 8. Photographs show processes of sediment production and displacement at lower stretches of the Drava River in Croatia and upper stretches of the Koshi River in Nepal. Author of the exhibition is Zdenko Kereša from Varaždin.

THE ASSEMBLY RUNNING

- The official languages will be Croatian and English. At the request of interested participants, presentations will be available in other languages from a wider region.
- The participants will receive printed proceedings (extended abstracts) presented at the assembly.

INFORMATION FOR SPONSORS

A sponsored exhibition of hydrological monitoring equipment, software packages for hydrological calculations, as well as services in hydrology will be held during the assembly.

The sponsors will have a full participant status. Any type of business activity will only be possible in accordance with a special contract with the organizer and with official accreditation.

APPLICATIONS FOR PARTICIPATION

Applications for participation and presentation of papers have to be filled in an attached form and sent via post or email to the addresses below.

Registration for participation:

LILY TOURS, 42000 Varaždin, Pavlinska 3, Hrvatska
E-mail: lily@lily-tours.com

Application for papers:

CROATIAN HYDROLOGICAL SOCIETY (HHD)
Ulica grada Vukovara 220, 10000 Zagreb, Croatia
E-mail: hhd.drustvo@gmail.com

Information and download of documents (application forms, etc.) are available on the Croatian Hydrological Society website: <http://hhd.hr/>

*We are looking forward to your arrival
and we will gladly welcome you!*

