

## International Scientific Committee

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Jovan Despotovic	Serbian IHP National Committee
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## Organizing committee

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## Danube Conference 2017

XXVII CONFERENCE OF THE DANUBIAN COUNTRIES  
ON HYDROLOGICAL FORECASTING AND HYDROLOGICAL BASES OF WATER MANAGEMENT

26-28 September 2017, Golden Sands, Bulgaria



## First Announcement and Call for papers

### Danube Conference 2017

XXVII CONFERENCE OF THE DANUBIAN COUNTRIES  
ON HYDROLOGICAL FORECASTING AND HYDROLOGICAL BASES OF WATER MANAGEMENT

26-28 September 2017, Golden Sands, Bulgaria

[www.danubeconference2017.org](http://www.danubeconference2017.org)

### Organized jointly by:

Bulgarian National Committee for the International Hydrological Programme of UNESCO and National Institute of Meteorology and Hydrology-BAS, Sofia, Bulgaria  
With the support of the UNESCO Regional Bureau for Science and Culture in Europe (Venice, Italy)

### Contact Persons

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## Languages

The working language of the conference will be English

## Background

Cooperation of the Danubian countries in the area of hydrology started in 1961, hosting the first conference on hydrological forecast in Budapest. The XXVIIth conference, in a series of biennial conferences alternatingly held by the Danubian countries, is now planned.

Since 1975, cooperation has been conducted within the framework of the International Hydrological Programme (IHP) of UNESCO. In 2014 the VIII phase of the IHP of UNESCO starts with the main topic "Water security: Responses to local, regional, and global challenges". To deal with these complex, rapid environmental and demographical changes (e.g. population growth and vulnerability to hydrological disasters, global and climate changes, uncontrolled urban expansion, and land use changes) holistic, multidisciplinary and environmentally sound approaches to water resources management and protection policy are necessary.

Water security in IHP VIII is defined as the capacity of a population to safeguard access to adequate quantities of water of acceptable quality for sustaining human and ecosystem health on a watershed basis, and to ensure efficient protection of life and property against water related hazards - floods and droughts.

## Objectives of the Conference

The aims of the conference are:

- to foster exchange of hydrological basic information
- to improve and adopt new models and techniques for hydrological forecasting and parameters at several time and space scales;
- to deal with disasters in an appropriate manner
- to better articulate the role of hydrological and biotic processes in aquatic systems;
- to link different fields of science
- to promote cooperation of the Danubian countries

Both methodological approaches as well as case studies from the Danubian countries are welcome.

## Conference Topics:

1. Basis of hydrology
  - Hydro-meteorological networks
  - Measuring technologies
  - Monitoring of erosion and sedimentation in river catchments
2. Hydrological data management
  - Data exchange and public dissemination of data
  - Statistical analysis methods
  - Big data and data analysis
  - GIS in hydrology
3. Hydrological modelling and forecasting
  - Statistical and computational methods
  - Models of erosion and sediment transport
  - Long-term simulation and scenarios
  - Short-term and long-term forecasting
  - Flood and drought forecasting
4. Disaster events
  - Floods and droughts, economic impacts, recent events, new adaptation strategies
  - Flood warning and public perception
  - Case studies on disastrous events – lessons learned
5. Administrative structures for water management
  - Organization of public administration
  - Administrative processes
  - Public infrastructure
  - Implementation of the Water Framework and Flood Directive
6. River Basin and Water Management
  - Navigation, impacts of reservoirs, control strategies, land-use planning
  - Climate change, hydrological impacts and adaption measures
  - Structural and non-structural measures for flood management
  - Integrated water resources management (IWRM)
  - Sustainability in River Basin Management - case studies
7. Water quality and pollutants
8. Erosion, Sediment transport and Sedimentology
9. Ecohydrology

Call for Papers/Posters  
Preliminary registration

Participants wishing to attend the conference are requested to send in the Preliminary Registration Form by **28 February 2017**. Participants intending to present a paper or poster should submit a 1 page abstract by electronic mail by **28 February 2017**. Pre-registration is a prerequisite for acceptance. Authors will be notified of acceptance by **31 March 2017**. Papers with a maximum of seven pages / or Extended abstracts with a minimum of four pages should be submitted by **30 May 2017**. The abstracts will be pre-published in the conference proceedings. In addition to oral presentation, poster sessions are planned too.

## Registration fee:

The Registration Fee includes admission to all sessions; a program book; a USB memory stick containing XVII DC 2017 Proceedings; a Welcome Reception; a Banquet, Lunch daily and a day tour on Thursday.

- **Early Registration (until 30 May 2017) 200 Euro.**
- **Early Registration for accompanying person (until 30 May 2017) 100 Euro.**
- **Late (until 31 July) or on-site Registration 300 Euro.**
- **Special option only for conference participants – Early Registration and four days accommodation with full board and transportation from-to: 395 Euro.**
- **Early Registration and four days accommodation for accompanying persons with full board and transportation from-to: 295 Euro.**

## Accommodation

Information on hotel reservation will be posted to all pre-registered participants.

## Important deadlines

**28 February 2017** – Submission deadline and pre-registration

**31 March 2017** – Notification of acceptance

**30 May 2017** – Full paper Submission