

# Bilateral cooperation on transboundary waters with neighboring states



WMO RA VI Hydrology Forum 2019  
April 2<sup>nd</sup>-4<sup>th</sup> 2019, Tatra Hotel, Bratislava

Water Section



Nám. Ľ. Štúra 1, 812 35 Bratislava

Vladimír NOVÁK  
director general

# CONTENTS

## 1. INTRODUCTION

1.1 International Danube River Basin / sub-basins

1.2 The administrative territory of the Slovak republic River Basins

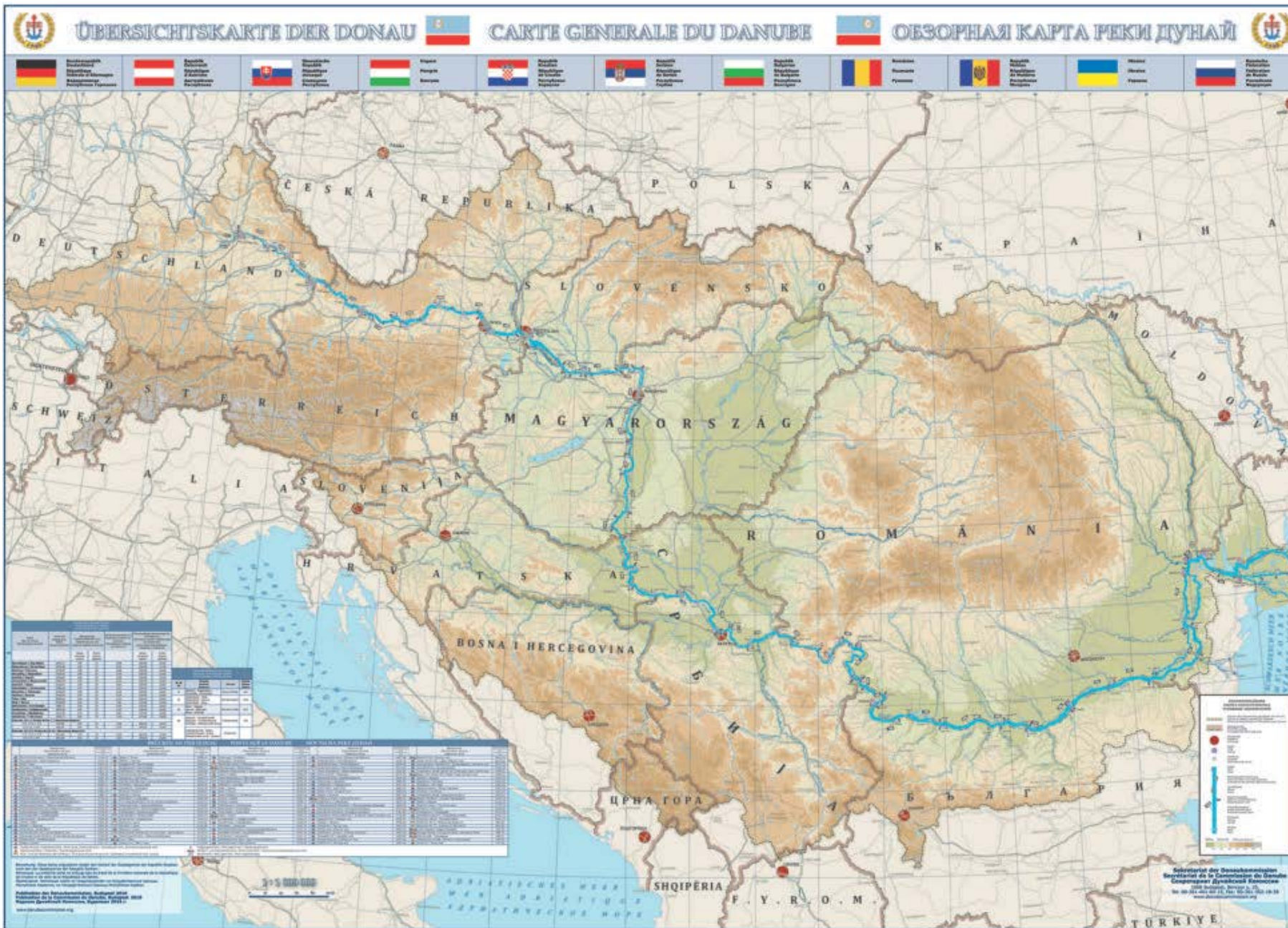
## 2. BILATERAL COOPERATION ON TRANSBOUNDARY WATERS

2.1 Intergovernmental Agreements / Interstate Treaty

2.2 Commissions for transboundary waters / Organizational Structure

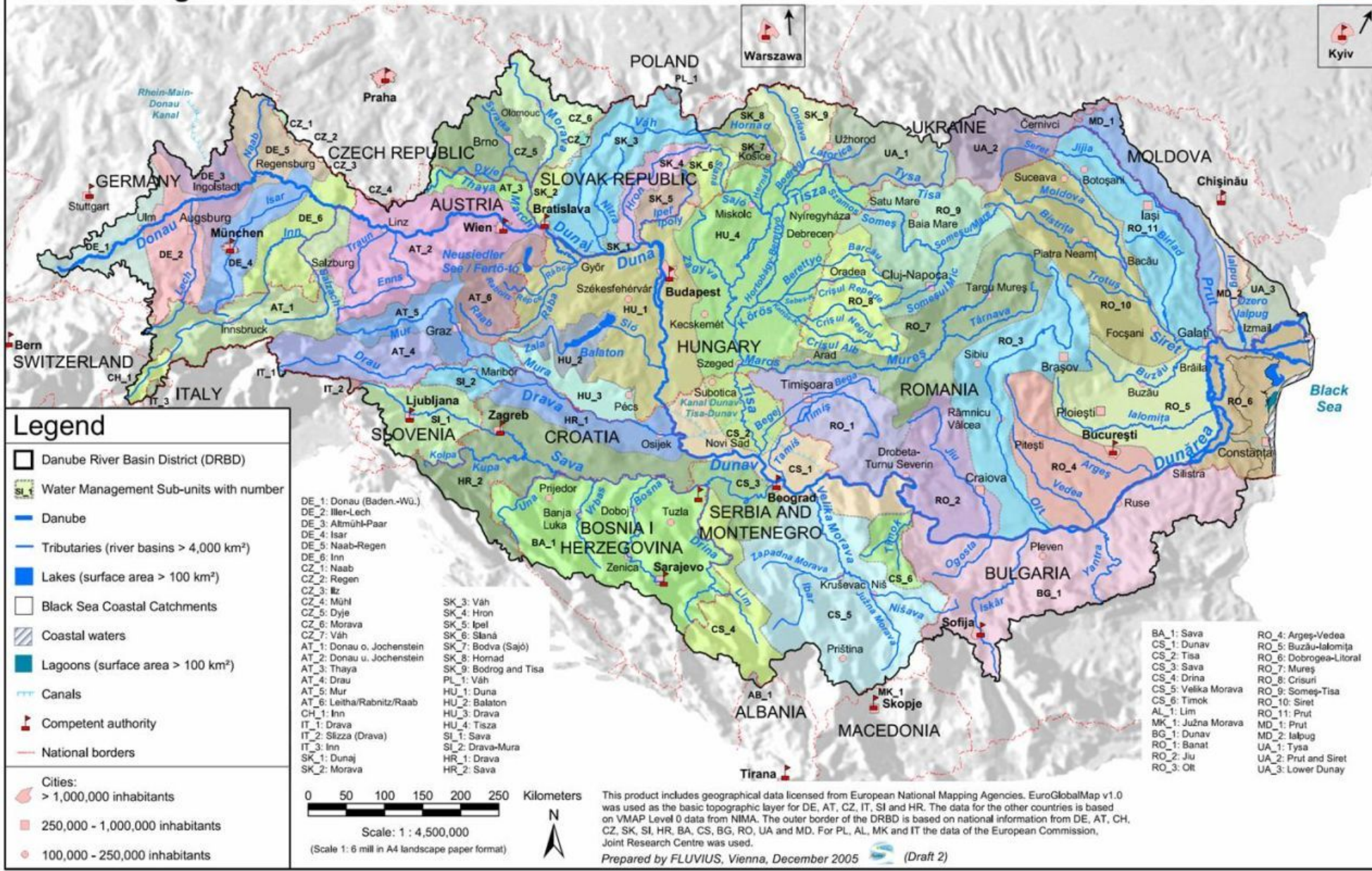
2.3 Hydrological issues



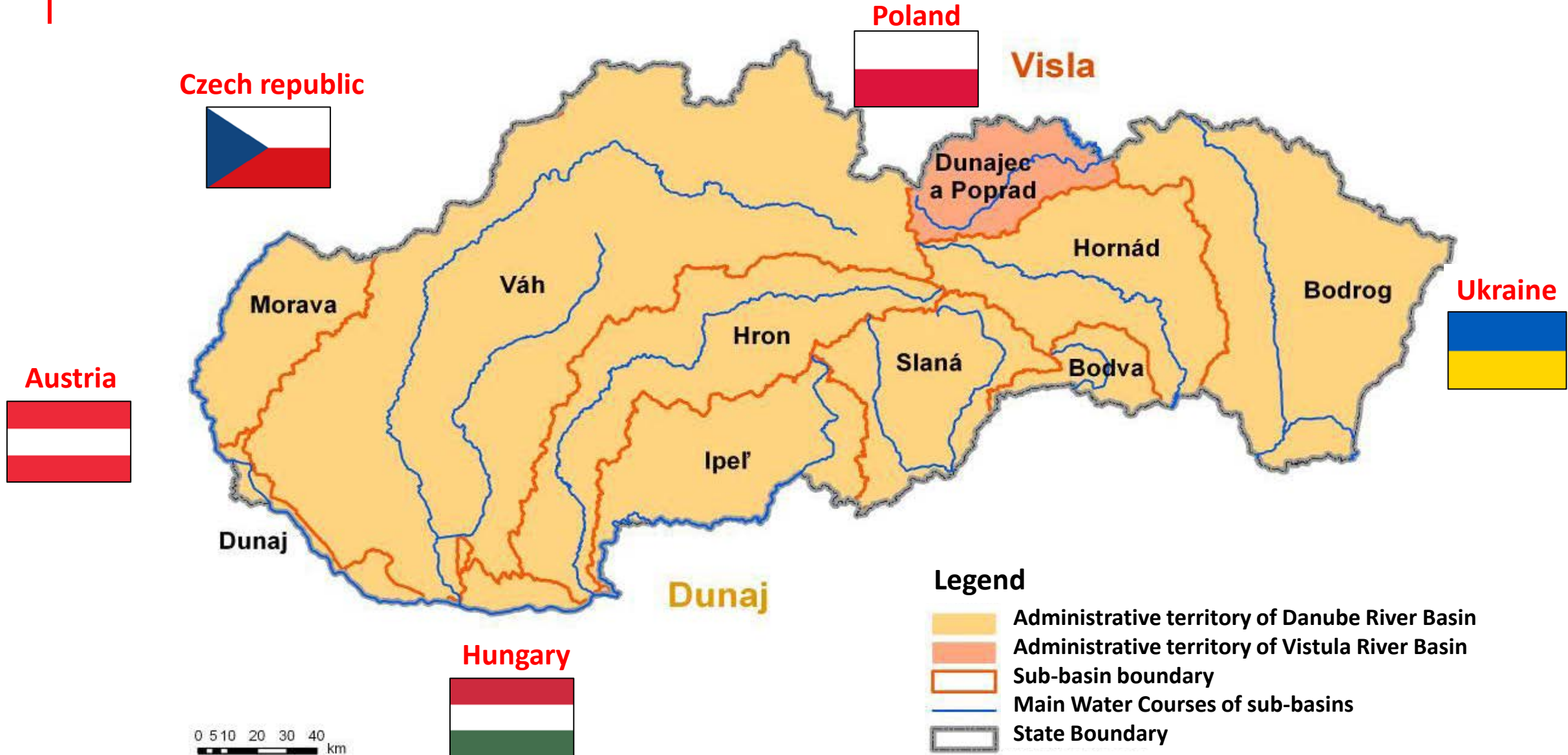


SOURCE: Danube Commission / Belgrade Convention on Regime of the Danube Navigation

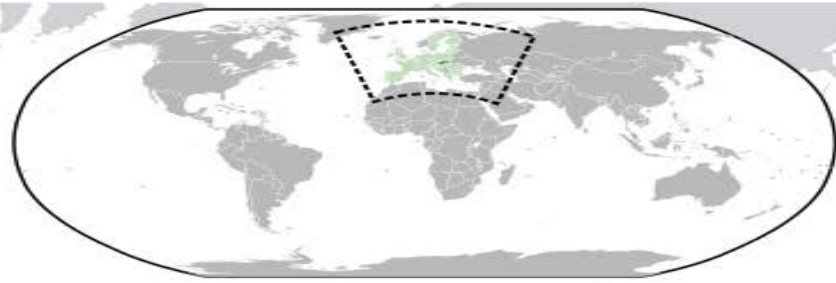
# Danube River Basin District Water Management Sub-units



# The administrative territory of the Slovak republic River Basins



# Bilateral cooperation on transboundary waters



# Bilateral cooperation on transboundary waters



- 1) **Treaty** between the Czechoslovak Socialist Republic and the Republic of Austria on Water Management Issues at Transboundary Waters

signed in Vienna on **7<sup>th</sup> December 1967**



- 2) **Agreement** between the Government of the Czechoslovak Socialist Republic and the Government of the Hungarian People's Republic on the Adjustment of Water Management Issues at Transboundary Waters

signed in Budapest on **31<sup>th</sup> May, 1976**



- 3) **Agreement** between the Government of the Slovak Republic and the Government of Ukraine on Water Management issues at Transboundary Waters

signed in Bratislava on **14<sup>th</sup> June 1994**



- 4) **Agreement** between the Government of the Slovak Republic and the Government of the Republic of Poland on Water Management in Transboundary Waters  
signed in Warsaw on **14<sup>th</sup> May 1997**



- 5) **Agreement** between the Government of the Slovak Republic and the Government of the Czech Republic on Cooperation in Transboundary Waters  
signed in Židlochovice on **16<sup>th</sup> December 1999**



# Bilateral cooperation on transboundary waters

## Commissions of transboundary waters

The Slovak-Austrian Commission of transboundary waters



The Slovak-Hungarian Commission of transboundary waters



The Slovak-Ukraine Commission of transboundary waters



The Slovak-Polish Commission of transboundary waters



The Slovak-Czech Commission of transboundary waters



# Bilateral cooperation on transboundary waters

## Commissions of transboundary waters Agenda

- Technical issues:
  - Watercourses management and maintenance
  - Construction activity on watercourses
  - Dredging on watercourses
  - Billing construction works
  - Proposing preventive measures
  - Navigation
- Water Quality issues
- **Hydrological issues**
- Implementation of Water Framework Directive and „daughter“ Directives and Flood Directive
- Special topics
  - clearing and settlement of mutual debts and claims for work implemented
  - the question of the state border (fixed and mobile)

# Bilateral cooperation on transboundary waters

## Commissions of transboundary waters - Organizational structure

### The Slovak-Austrian Commission of transboundary waters



Working Group on Technical, Financial and Navigation Issues

Joint Working Group on Water Quality

#### **Working Group on Hydrology**

Working Group on water-legal proceedings

Working Group on International Affairs, Ecology and Flood Protection

Working Group on monitoring

# Bilateral cooperation on transboundary waters

## Commissions of transboundary waters - Organizational structure

### The Slovak-Hungarian Commission of transboundary waters



Danube Task Force

Joint Financial Working Group

**Joint Working Group on Water Quality and Hydrology**

Tisa Task Force and its tributaries

Ipeľ Working Group

Water Framework Directive Implementation Working Group

# Bilateral cooperation on transboundary waters

## Commissions of transboundary waters - Organizational structure

### The Slovak-Ukraine Commission of transboundary waters



Technical Expert Group on Flood Protection

Working Group on Transboundary Waters Protection

**Working Group on Hydrometeorology**

# Bilateral cooperation on transboundary waters

## Commissions of transboundary waters - Organizational structure

### The Slovak-Polish Commission of transboundary waters



Working Group on Cooperation in the Field of Flood Measures, Regulation and Maintenance of Transboundary Waters and Meliorations of Border Areas

### **Working Group on Cooperation in the Field of Hydrology and Flood Protection Services at Transboundary Waters**

Working Group on Cooperation in the Field of Transboundary Waters Protection against Pollution

Working Group of the Water Management Cooperation on Transboundary Waters

Water Framework Directive Implementation Working Group

# Bilateral cooperation on transboundary waters

## Commissions of transboundary waters - Organizational structure

### The Slovak-Czech Commission of transboundary waters



Joint Technical Working Group on Technical Questions

Working Group on Water Quality

**Working Group on Hydrology**

Guidelines Working Group

Water Framework Directive Implementation Working Group

# Bilateral cooperation on transboundary waters

## Commissions of transboundary waters – Hydrological issues

### Questions of Hydrology

**Working Group on Hydrology**

**Joint Working Group on Water Quality and Hydrology**

**Working Group on Hydrometeorology**

**Working Group on Cooperation in the Field of Hydrology  
and Flood Protection Services at Transboundary Waters**

**Working Group on Hydrology**





# Bilateral cooperation on transboundary waters

## Commissions of transboundary waters – Hydrological issues

### Working Groups on Hydrology in general:

1. Providing Tasks resulting from the „Hydrological Data and Information Exchange Rules“:
  - measurement,
  - data exchange,
  - alignment of measurement and processing results
2. Carrying out of joint data analysis
3. Agreeing of maximum and minimum discharges at border profiles
4. Aligning methodology and processed hydrological data
5. Annexes
  - a list of data, profiles and objects,
  - the way and frequency of data exchange,
  - contact addresses

# Bilateral cooperation on transboundary waters

## Commissions of transboundary waters – Hydrological issues

### Working Groups on Hydrology – Ground Water issues:

1. Groundwater data exchange
2. Defining areas of common interest in order to agree on common groundwater bodies under Water Framework Directive
3. Since 2011, the Slovak-Hungarian Commission carries out the mutual exchange of basic annual hydrological data from hydrological groundwater networks
4. Summarization of annual groundwater quantities extracted in individual groundwater bodies is provided.
5. The exchange of information on changes in the structure of groundwater observation networks, progress in automating the measurement and forecasting of the use of new water resources of ordinary and geothermal waters in the cross-border area.

# Bilateral cooperation on transboundary waters

## Commissions of transboundary waters – Hydrological issues

### Working Groups on Hydrology – Operational data exchange:

1. The exchange of operational data necessary for the operation of hydrological forecasts and alerts
2. Exchanging data beyond the Annexes is based on an agreement between organizations.
3. In addition, the Slovak Party (Slovak Hydrometeorological Institute and Slovak Water Management Enterprise) is involved as a partner in the DARREFORT project, which solves the issue of data policy in the Danube countries.

# Bilateral cooperation on transboundary waters

## Commissions of transboundary waters – Hydrological issues

### Working Groups on Hydrology

### Slovak-Austrian Commission of Transboundary Waters – Actual Activities:

1. Developed „New assessment of standard water levels at the common border sections of the Danube River and Morava River“
2. The 1D HEC-RAS hydraulic model was jointly developed and calibrated to calculate Morava's River standard discharges from minimum to bank water
3. For the purpose of better water management, the data for the Report Water Management Balance is being processed, which will be used to address water management studies and to plan new projects at the transboundary waters.

# Bilateral cooperation on transboundary waters

## Commissions of transboundary waters – Hydrological issues

### Working Groups on Hydrology

### Slovak-Ukraine Commission of Transboundary Waters – Actual Activities:

1. An operational exchange of hydrometeorological information is also underway in the border areas on an agreed scale and deadlines in accordance with the Cooperation Principles
2. It was carried out a joint analysis and balance of water discharges for 2017 at the border profiles of the Uh and Latorica rivers.
3. In the operational regime, the Ukrainian side sent the Slovak side information about the snow cover on the Ukrainian part of the Uh and Latorica basins.
4. In the operational regime, the Slovak side sent the Ukrainian side information about precipitation forecast for Uhu and Latorice river basins
5. Both sides continue to cooperate and inform each other about the state of play and participation in the European Information System EFAS (European Flood Awareness System).

# Bilateral cooperation on transboundary waters

## Commissions of transboundary waters – next Commission sessions

**The 27th session of the Slovak-Austrian Commission**

**Austria on 13<sup>th</sup>-16<sup>th</sup> May 2019**

**The 19th session of the Slovak-Czech Commission**

**Slovak Republic on 28<sup>th</sup> – 30<sup>th</sup> May 2019**

**The 19th session of the Slovak-Polish Commission**

**Poland from 03<sup>th</sup> to 06<sup>th</sup> June 2019**

**The LXXX. session of the Slovak-Hungarian Commission**

**Hungary in the week of 17<sup>th</sup>-21<sup>st</sup> June 2019**

**The XVII. session of the Slovak-Ukrainian Commission**

**Ukraine from 24<sup>th</sup> to 27<sup>th</sup> June 2019**



MINISTRY  
OF ENVIRONMENT  
OF THE SLOVAK REPUBLIC

**Thank you!**

Water Section



MINISTRY  
OF ENVIRONMENT  
OF THE SLOVAK REPUBLIC

Nám. Ľ. Štúra 1, 812 35 Bratislava  
Vladimír NOVÁK  
director general