

Towards the Climate Change Adaptation (CCA) Strategy in the Sava River Basin

Climate adaptation in the Drina River Basin with an energy-water nexus
approach and renewable energy development

Sarajevo (BA), September 26, 2023

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Deputy secretary, ISRBC

Framework

- **Framework Agreement on the Sava River Basin (FASRB)**

Sustainable development of the region
through **transboundary water cooperation**

- **Particular objectives – to establish:**
 - Sustainable **water management**
 - Sustainable **hazard management**
(floods, droughts, accidents, etc.)
 - International regime of **navigation**
- **International Sava River Basin Commission (ISRBC)**
(4 member countries + Montenegro)

Scope

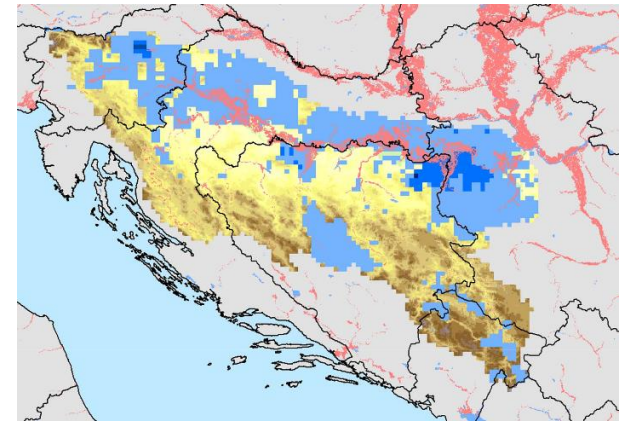
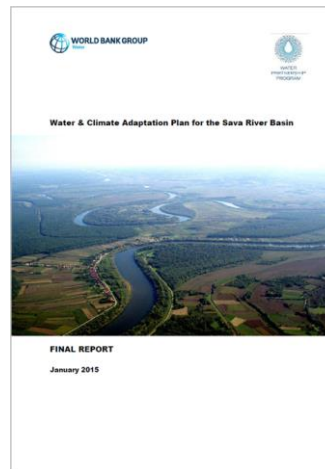
- **Management plans**
(river basin, flood risk, sediment, climate adaptation, contingency)
- **Integrated systems**
(information exchange- *SavaHIS*, *SavaGIS*, forecasting, warning)
- **Economic activities**
(navigation, river tourism, ...)
- **Policy**
(harmonization, policies / guidelines, protocols to FASRB)



Climate change transboundary activities

- **Basic transboundary project on CCA**

- *Danube Water Nexus Project – Sava Case Study*, implemented by the EC Joint Research Center (*finalized in 2016*)
- *Project Water and Climate Adaptation Plan for the Sava River Basin (WATCAP)*, implemented by World Bank (*finalized in 2015*)
- *Outline of the Climate Change Adaptation Strategy and priority measures for the SRB*, implemented by ISRBC and UNECE (*finalized in 2018*)



Climate change transboundary activities

• The Sava Drina Integrated Development Programme (SDIP)

- *Supported by the World Bank*
- *Effectiveness 29 November 2022*
- *ToRs for the Regional studies in preparation*



Technical studies supporting the Sava RBM and filling the gaps in transboundary RBM processes
Hydrological Study for Sava River Basin
Study on sediment, water and biota in the Sava River Basin
Climate Change Adaptation Strategy for the Sava River Basin
Design of a Master Plan for Sustainable Tourism Development in Sava River Basin
Other (unspecified) studies filling the gaps in transboundary water management
Development of the plans of the basin-wide relevance
Update of the Sava RBMP (preparation of the 3 rd RBMP)
Update of the Sava Flood Risk Management Plan (preparation of the 2 nd FBMP)
Preparation of the 1 st Sediment Management Plan for the Sava River Basin
Upgrade of the Sava GIS and Sava HIS
Upgrade of the ISRBC ICT infrastructure
Enhancement of the existing and development of a new data management tools of Sava GIS & HIS , including the development of a water-relevant decision support system (DSS)
Advanced flood and drought monitoring, forecasting and management system
Improvement and upgrade of existing modelling tools in Sava FFWS and further development of a flood warning and alarm system and the establishment of low flow forecasting and warning system (for assessment of droughts and navigability) in the Sava River Basin

Climate change transboundary activities

• **Climate Change Adaptation Strategy**

– *Main objective:*

- to develop the **Climate Change Adaptation Strategy** and to define and make prioritization of adaptation measures

– *Specific objectives:*

- Assessments of **vulnerability of water, ecosystems and water-dependent sectors** and the analysis of subsequent socio-economic impacts;
- Assessment of **influences where pressures** created due to human activities adapting to climate change;
- Definition of **common principles, objectives and targets**;
- Development of a **basin-wide adaptation strategy with a common set of basin wide adaptation measures** and their prioritization;
- Development of **monitoring and evaluation framework** for the follow up of the strategy implementation with set indicators for implementation of measures

Climate change transboundary activities

- **Climate Change Adaptation Strategy**
 - *Deliverables:*
 - *Full-fledged Climate Change Strategy for the Sava River Basin*
 - *An action plan for the selected priority measures*



Contact information

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63rd Session of the Sava Commission

SAVA
GIS

SAVA
HIS

SAVA
WATERWAY
MARKING
PLAN

SAVA
ENC

SAVA
PLAN RBM

SAVA
PLAN FRM

SAVA YOUTH
PARLIAMENT

News

The Republic of Serbia took over the three-year presidency of the Sava Commission from the Republic of Croatia

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Celebration of the Sava Day - 1st of June 2023

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11th Sava River Basin Youth Parliament - Makinac on MRC

Events

18.09.2023

● Joint Statement follow-up meeting >

27.06.2023

● 63rd Session of the Sava Commission >

17.05.2023

● Celebration of the Sava Day- 1st of June, Save the date >

20.04.2023

Announcements

INTERNATIONAL PHOTO CONTEST "ONE BASIN - 1000 WATER STORIES" >

Competition: For secondary schools and youth >

Notices to Skippers

27.06.2023

Notice to skippers nr. 11/23 cro >