

# Croatia



## The Cetina Watershed

Cetina is a typical karstic river of the Dinaric karst with a length of 105 km extending from the Bosnia and Herzegovina to the shores of Croatia. Its riverbed is highly fragmented by many reservoirs and hydro power plants, such as the Prančevići dam.

In the **coastal area**, the dominant economic activities are industry, trade and tourism. In the **continental part**, the dominant economic activities have been those relating to industry, mining, electrical supply, trade, and agricultural production.

The **conflicts** in the area arise from the **competitive use of waters resources**.

Meetings with **official bodies and stakeholders** were organized and it was decided to analyze the problem and solve it in accordance with the law: an ecological survey and **Environment Impact Assessment study** were undertaken to determine the minimal acceptable flow of the river for the environment as well as the economical flow in accordance with downstream water uses.

Minimum river flow is now increased in the critical period of the year protecting downstream ecosystems and users, while other solutions have been agreed upon. Water supply safety and quality of water used for water supply have been increased.

The problems have been solved only for one of the river sections where conflict of interests was most pronounced.

In the future **deeper conflict of interests** are likely to arise because of expected privatization of the dam manager.



## DSS tools and approaches in Croatia

*The use of DSS in water management in Croatia has yet to take place as responsible institutions have shown little interest so far. The main reason is the lack of knowledge, the insufficiently developed management system and the lack of real decision scenarios.*

*Currently there are no real data banks in the field of water resources management at the national level, river basin level or any other lower level. There are numerous measuring data on water quantity and quality, water use etc., which are not processed, nor analyzed, nor included in organized data bank. Part of the available data could be used for creating data banks, which could be used for the future development of DSS.*

**Keywords:** Coastal area, EIA, Hydropower

**Further readings:** See the NOSTRUM-DSS Croatian National Report, available at <http://www.nostrum-dss.eu>  
Home » Final products » Case studies Leaflets

**Contacts :** PAP/RAC - Priority Actions Programme/Regional Activity Centre <http://www.pap-thecoastcentre.org/>

