



GOOD PRACTICE

Title of the practice

Common measurement of discharge at 3 hydrometric border stations in Romania and Hungary including database analysis



Detailed description of the practice

There is an annual exchange of hydrological data between pair stations (level records, flow sheets, rating curve or table, synoptic table of water discharge), and then there is the activity of matching the water flows in the border area (monthly average, monthly maximum, monthly minimum) on the rivers Tur/Túr, Somes/Szamos and Crasna/Kraszna.

Evidence of success

Each year the team of Romanian and Hungarian hydrologists run the common campaigns of flow measurements. Measurements take place in the sections of pair hydrometric stations on the three transboundary water courses. Two campaigns take place annually (one in each country). The calculation of flow measurements is done by using country-specific methodologies, achieving a steady intercalibration.

At hydrological stations' level there is the regulation to run every month simultaneous flow measurements at pair stations (the same day in a month there is a flow measurement). We improve time series database of hydrological parameters and calibrated our measurements.

Location of the practice

Country: Hungary-Romania.
City: Nyíregyháza - Cluj Napoca

Contact details to obtain further information on the practice

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