



An overview of suspended sediment sampling in Hungary

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Suspended sediment is being monitored in Hungary for over half a century now. Time to time different types of analyses had been carried out on the data series of certain gauging stations, but the results always showed rather high variability, big std deviation and inhomogeneity of the – otherwise relatively long – data series.

In the past few years, with new river regulation and navigation development initiatives, and with the need for accurate information and data on the sediment transport of the Danube which could serve as input for modeling, our attention turned to the measurement tools, timing and techniques, which, according to our hypothesis, are few of the most important factors that can be accounted for the high variability in the quality of the datasets available.