



## **Water level measurement by self-sufficient equipment**

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Accurate discharge estimation is crucial for an efficient river basin management and especially for flood forecasting and issuing warnings related to possible extreme flood events. The traditional way of estimating the discharge in hydrological practice is to measure the water stage and to convert the recorded water stage values into discharge by using the single-valued rating curve. New equipment for measurement of pressure is used for measurement of water level on the Sava River. During flood event in autumn 2007 new equipment survived in the extreme field conditions and provides excellent results.

Equipment is self-sufficient for data collection and energy supply and isn't so much vulnerable in extreme flood conditions of flow, sediment transport and erosion.