

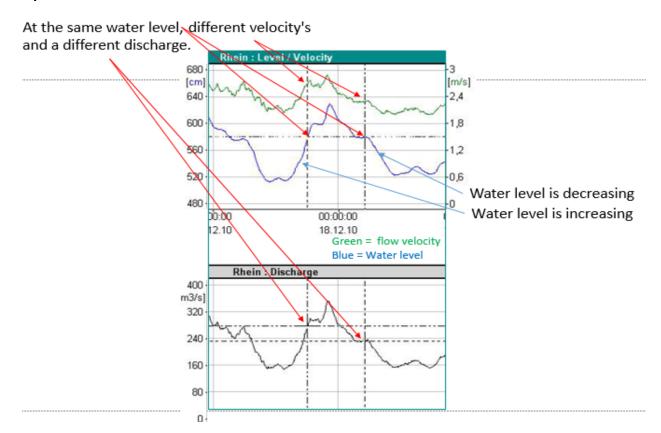
Benefits of Measuring Velocity Alongside Water Level RQ-30 and RG-30 Radar Sensor

Detecting dynamic processes in a channel utilizing water velocity and level readings.

The RQ-30 velocity/level/discharge sensor or an RG-30 velocity sensor with an existing water level sensor provide information that allow you to detect the following processes in the channel and cross-section.

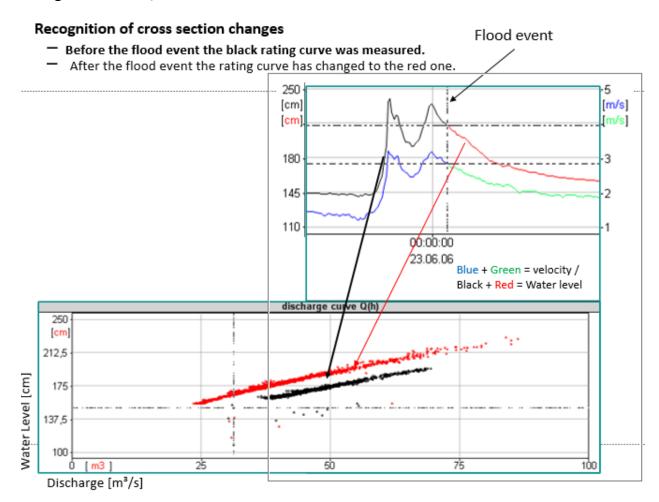
- Identifying Hysteresis (RQ-30 data shown below)
- Detect a Change of Riverbed/Cross Section (RQ-30 data shown below)
- Recognition of Vegetation Growth (RQ-30 data shown below)
- Change from Normal Flow to Super or Subcritical Flow
- Tide Effects

Hysteresis Effect:





Change of Riverbed/Cross Section:





Recognition of Vegetation:

