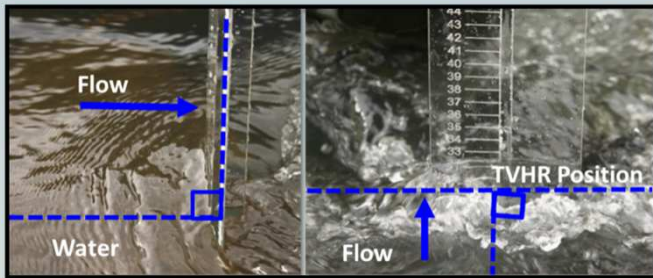


Velocity Plank

Velocity plank

Inexpensive graduated plank, calibrated to measure stream velocity & calculate discharge



Why monitor river velocity?

- Influence on water quality
- Influence on river organisms



Case Study: Karkloof gauging weir

Tested in-field at the Karkloof gauging weir. Velocity plank results found to be comparable to gauging weir.



Stream velocity affects:

- Geomorphology
- Stream life (fish & invertebrates)
- In stream processes (sediments and habitats)

Discharge

(calculated from stream velocity)

