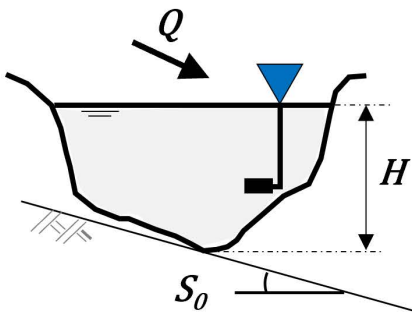
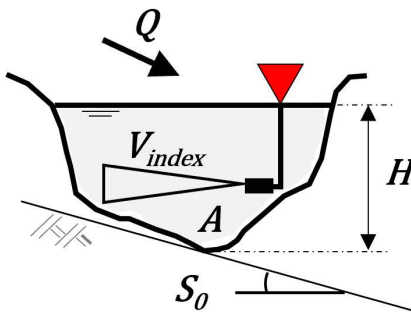
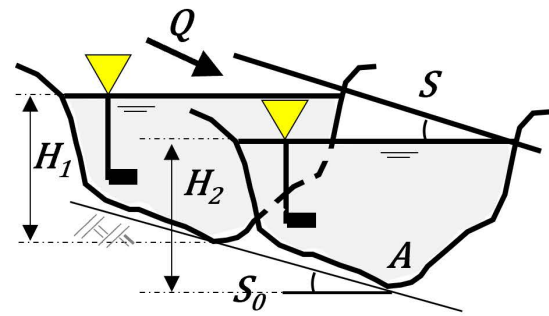
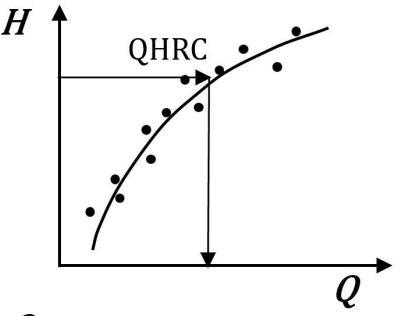
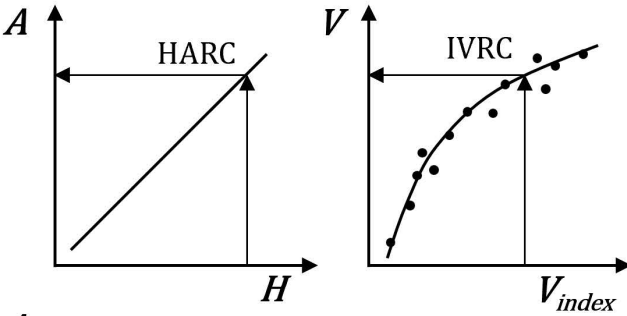
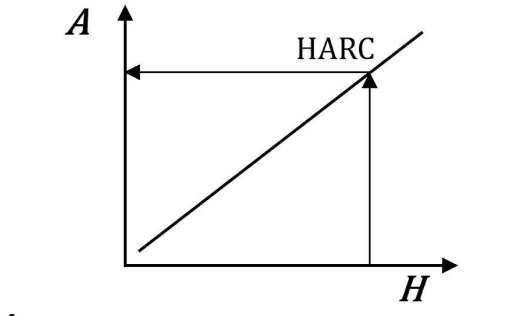


Method/ Specifications	Stage-discharge method (HQRC)	Index-velocity method (IVRC)	Continuous slope-area (CSA)
Continuously measured	Surface stage, $H$ (one location)	Surface stage, $H$ ; Index-velocity, $V_{index}$ (one location)	Free-surface slope, $S$ (two locations)
Experimental arrangement			
Supporting rating(s)	 $Q$ - from direct measurements	 $A$ - from bathymetry survey $V = Q/A$ ; $Q$ from direct measurements	 $A$ - from bathymetry survey
$Q$ estimation	$H \rightarrow \text{QHRC} \rightarrow Q$	$H \rightarrow \text{HARC} \rightarrow A$ $V_{index} \rightarrow \text{IVRC} \rightarrow Q = A \cdot V$	$Q = 1/n AR^{2/3} S^{1/2}$ (SI units)