

Risk assessment
Risk matrix

Hazard assessment

Hazard index

Drag level

(Depth - velocity product)

$d = u \times h$ (m ² s ⁻¹)	Hazard level
0 – 0.60	Very low (1)
0.60 – 1.35	Low (2)
1.35 - 2	Medium (3)
2 - 5	High (4)
> 5	Very high (5)

Flow depth

h (m)	Hazard level
0 – 2.5	Very low (1)
2.5 - 4	Low (2)
4 - 6	Medium (3)
6 - 8	High (4)
> 8	Very high (5)

Hazard

	VL (1)	L (2)	M (3)	H (4)	VH (5)
VL (1)	VL (1)	L (2)	L (3)	L (4)	M (5)
L (2)	L (2)	L (4)	M (6)	M (8)	H (10)
M (3)	L (3)	M (6)	M (9)	H (12)	H (15)
H (4)	L (4)	M (8)	H (12)	H (16)	VH (20)
VH (5)	M (5)	H (10)	H (15)	VH (20)	VH (25)

Vulnerability

Vulnerability index

Vulnerability index class

Very low	1
Low	2
Medium	3
High	4
Very high	5

Vulnerability assessment

Human risk index

Infra. risk index

Aggregated risk index

