

Hazard Impact Assessment

To profile

	Probability	Impact Score (1-4)					Haz Assessment Score
	(1-4)	Infrastructure	Life	Economy	Environment	AVG	(Prob X Impact)
Fluvial Erosion/slope failure	4	4	2	3	3	3.0	12.0
Inundation Flooding	3	2	2	2	3	2.3	6.8
Ice	4	2	2	1	1	1.5	6.0
Snow	4	2	1	1	3	1.8	7.0
Wind	3	3	2	1	2	2.0	6.0
Extreme Heat	3	2	3	2	3	2.5	7.5
Extreme Cold	3	2	3	2	3	2.5	7.5
Drought	2	2	2	3	3	2.5	5.0
Dam Failure	3	3	2	3	3	2.8	8.3
Wildfire	1	3	2	3	3	2.8	2.8
Earthquake	1	3	2	1	3	2.3	2.3
Invasive Species	2	2	1	1	3	1.8	3.5
Infectious Disease Outbreak	2	1	3	2	1	1.8	3.5
Hail	3	2	1	1	1	1.3	3.8

Potential Impact: Probability of a Significant Impact defined as 'Severity and extent of damage and disruption to population property, environment and the economy'

- 1 = Negligible Isolated occurrences of minor property and environmental damage, minor disruption of critical facilities and infrastructure, potential for minor injuries, no to minimal economic disruption
- 2 = Minor Isolated occurrences of moderate to severe property and environmental damage, brief disruption of critical facilities and infrastructure, potential for injuries, and minor economic disruption
- 3 = Moderate Severe property and environmental damage on a community scale, temporary shutdown of critical facilities, injuries or fatalities, short-term economic impact
- 4 = Major Severe property and environmental damage on a town-wide or regional scale, shutdown of critical facilities, and/or multiple injuries or fatalities, significant economic impact

Potential Hazard Impact Scoring Methodology

Historical Occurrence: Relative frequency of occurrence experience in the past 10 years

- 1 = Rarely 0 to 2 occurrences
- 2 = Few Occurrences 2 to 5 occurrences
- 3 = Several Occurrences 5 to 9 occurrences
- 4 = Annual Occurrence 10 or more occurrences or typically experienced at least once annually

Probability of Future Occurrence: Probability of occurrence over next 10 years.

- 1 = Not Likely Not expected to occur
- 2 = Occasionally Could plausibly occur at least once
- 3 = Likely Likely to occur in any one year
- 4 = Highly Likely Highly likely to occur at least once in any one year