

Work through this table with your colleagues (print more pages if needed. Write in your agreed understanding of each area of the table. Using the consequence and Likelihood scales at the end of this form to find a risk level for each risk that you identify. Load the findings back into the Tool, using the interactive table.

Risk no.	Climate change event/s	Risk area	Risk description	Details of risk (threshold analysis)	Future impacts	Likelihood X Consequence = Risk Level
Example	Increased sea surge	Marine infrastructure	Sediment movement, channels need clearing	Dredging is based on an annual cycle	Increased cost if dredging more often	3 x 4 = 12 High risk level
	Increased sea surge	Port Operations	Wetting of equipment with saltwater spray	Costs of maintenance/ replacement of equipment	Less time between maintenance and replacement of equipment	1 x 4 = 4 Medium risk level
	Increased sea surge	Supply chain	Flooding of key road for transport of harvest	High risk if road washes out (washout occurs every 70 years)	Halt to supply chain increases if washouts increases	4 x 2 = 8 Medium risk level

Risk no.	Climate change event/s	Risk area	Risk description	Details of risk (threshold analysis)	Future impacts	Likelihood X Consequence = Risk Level

	Risk Category	CONSEQUENCE RATING				
		1	2	3	4	5
1	Marine infrastructure	No impact or slight reduction in efficiency	Interruption measured in hours, slight delays	Interruption measured in days.	Operations halted for weeks.	Operations suspended indefinitely
2	Port infrastructure	No impact or slight reduction in efficiency	Interruption measured in hours, slight delays	Interruption measured in days.	Operations halted for weeks.	Operations suspended indefinitely
3	Port superstructure	No impact or slight reduction in efficiency	Interruption measured in hours, slight delays	Interruption measured in days.	Operations halted for weeks.	Operations suspended indefinitely
4	Operations	No impact or slight reduction in operations/equipment efficiency	Interruption measured in hours, slight delays	Interruption measured in days.	Operations halted for weeks.	Operations suspended indefinitely.
5	Supply chain	No impact or slight reduction in commodity transfer	Interruption measured in hours, slight delays	Interruption measured in days.	Operations halted for weeks.	Operations suspended indefinitely.
6	Workforce: health and safety	Local treatment with quick recovery. Not off-work	Medical treatment required or short-term acute health effects. Off-work for hours	Lost time injury and short/medium health effects. Off-work for week(s)	Extensive injuries or chronic health issues, over months.	Single fatality or permanent disability or long-term off-work
7	Financial	Slight increase in costs and liabilities or slight reduction in income: insignificant	Increase in costs/ liabilities or reduction in income: affects profit slightly	Increase in costs/ liabilities or reduction in income: affects profit moderately	Increase in costs/ liabilities or reduction in income: significantly affects profit	Company is into negative earnings
8	Legal/regulatory	Compliance not needed	Regulatory /contractual conditions apply	Unable to meet regulatory or contractual conditions	Possibility of prosecution or fines	Possibility of imprisonment
9	Environment	On-site impact contained with little damage (on site).	On or off-site impact with damage repaired in weeks	On or off-site impact with damage repaired in months	Major on or off-site impact with damage remediation taking years	Permanent damage to an ecosystem with irreversible effects.
10	Stakeholders (community, partners)	Minor opposition. Need to improve relationships	Possible objections requiring minor actions to resolve	Possible strong and widespread objections requiring major actions	Project requires large-scale action plans, or changes to contracts	Project likely to be stopped by widespread objections, denied approval
11	Reputation	Clients suffer minor disruptions	Clients suffer disruptions, delays or loss	Clients suffer significant disruptions, delays or loss	Clients consider using another port	Clients use another port

LIKELIHOOD RATINGS		
Almost certain	5	Recurrent events – expect this event every year. Single event – very likely to happen.
Probable	4	Recurrent events – expect this event several times in your career. Single event – more likely to happen than not.
Possible	3	Recurrent events – expect this event once in your career. Single event – more likely not to happen, but still could.
Unlikely	2	Recurrent events – unlikely but not impossible. Single event – unlikely but not impossible.
Rare	1	Recurrent events – something like this has happened elsewhere but in exceptional circumstances Single event – not expected but it is possible

LIKELIHOOD X CONSEQUENCE = PRIORITY RATING						
Likelihood rating		Consequence rating				
		1	2	3	4	5
5	Almost certain	Medium Eg: (5 x 1 = 5)	High Eg: (5 x 2 = 10)	Very high	Very high	Very high
4	Probable	Low Eg: (4 x 1 = 4)	Medium	High	Very high	Very high
3	Possible	Low	Medium	Medium	high	Very high
2	Unlikely	Low	low	Medium	Medium	High
1	Rare	Low	Low	Low	Medium	Medium