

Work through this table with your colleagues and rate your agreed understanding of the current impact each *climatic event* has on each *area of port activity*. Use the table at the end of this document for the rating (5 – significantly vulnerable to 1 – not vulnerable). Put the information back into the tool provided.

		CLIMATIC EVENTS										
		Sea current	Wave climate	Sea surface temperature	Sea acidity	Storm surge	Cyclones	Intense rainfall	Wind speed / direction	Heat wave	Drought	
Marine infrastructure	Channels											
	Port entrance											
Port infrastructure	Shore protection (seawalls, breakwaters)											
	Vessel roadstead (berths, jetties)											
Port superstructure	Other Paving, surfacing											
	Drainage systems											
	Cargo storage (stacking yards, warehouses, silos)											
	Offices, service buildings											
Operations	Ship to shore cargo handling (Ro/Ro, Lo/Lo, bulk solids, bulk liquids)											
	Quay and terminal cargo handling (fork lifts, trucks, carriers)											
Supply Chain	Hinterland connections (road, rail, waterways)											
	Coastal connections (shipping, ports)											
Workforce	Health											
	Safety											

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		CLIMATIC EVENTS										
		Sea current	Wave climate	Sea surface temperature	Sea acidity	Storm surge	Cyclones	Intense rainfall	Wind speed / direction	Heat wave	Drought	
Financial	Loss of income (change to trade, loss of operation time)											
	Increase in costs (workforce, maintenance)											
Legal / Regulations	Loss of income (insurance, contracts)											
	Increase in costs insurance, contracts, fines)											
Environment	Shore protection works											
	Damage to marine ecosystems											
	Damage to land ecosystems											
Stakeholders	Community											
	Business											
Reputation												

	Rating description
5	Significantly vulnerable - operation down for weeks or more
4	Moderately vulnerable - operation down for days
3	Somewhat vulnerable - operation down for hours
2	Could be vulnerable – operation could be threatened
1	Not vulnerable - no evidence to suggest it will occur