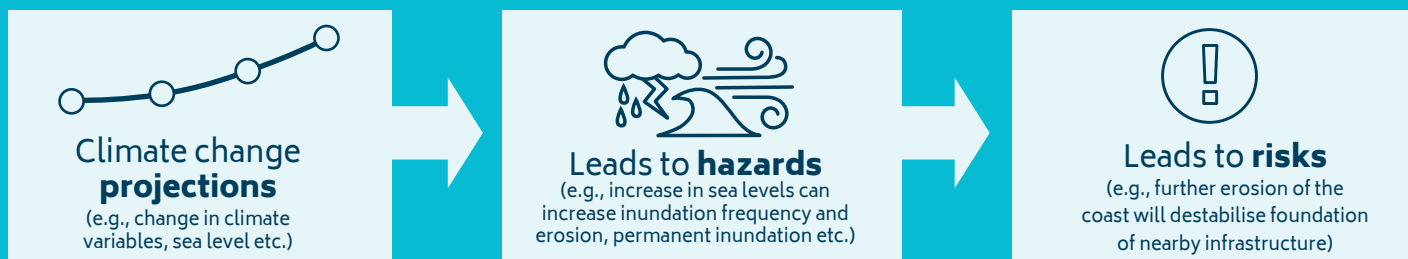


Climate change risk assessment basics



Basic concepts



Risk assessment



Rating of a given risk: Risk = Consequence x Likelihood

Low	Medium	High	Extreme
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Example



Consequence: A sewage pumping station located near an eroding coast pumps out the treated waste of the full catchment. Therefore destabilisation of the foundation of the sewage pumping station has *Major* consequence.



Likelihood: A 1 in 50 year storm event can trigger this, therefore it is *Likely* to occur within the design life of the pump.



Finding the risk rating:

Using the rating for consequence and likelihood, find the risk rating from the risk matrix:

Consequence	Major	Medium	High	Extreme
	Moderate	Low	Medium	High
	Minor	Low	Low	Medium
		Unlikely	Possible	Likely
		Likelihood		



Adaptive capacity influences the consequence

Adaptive capacity is the capacity of the system at risk to sustain change. In general, the consequences of a risk will be relatively lower if the adaptive capacity of the system is higher (and vice versa).