

Risk Assessment for Environmental Programs

Task/Step (Sequential Order)	Hazards (associated with each step)	Risks (There may be more than one risk associated with each hazard)	Likelihood	Consequences	Control Measures	Score
1. Walk to and from wetlands	1a Crossing the road	Hit by car	<input checked="" type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input checked="" type="checkbox"/> Extreme	Cross road together with adult supervision. Children crossing signs	4
			<input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme		
			<input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme		
	1b		<input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme		
			<input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme		
			<input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme		
	1c		<input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme		
			<input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme		
			<input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme		
	1d		<input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme		
			<input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme		
			<input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme		

Risk Assessment Environmental Programs

Task/Step (Sequential Order)	Hazards (associated with each step)	Risks (There may be more than one risk associated with each hazard)	Likelihood	Consequences	Control Measures	Score
2. All activities	2a Wild native venomous snakes (brown, tiger etc.)	Snake bite	<input type="checkbox"/> Very Unlikely <input checked="" type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input checked="" type="checkbox"/> Extreme	Ensure students know what to do when faced with a snake. First aid supplies and training	3
			<input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme	Instructors to be trained in snake bites. Refresher every term 4 and 1.	
			<input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme	First aid kit at wetlands.	
	2b Insects	Ant bite	<input type="checkbox"/> Very Unlikely <input checked="" type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input checked="" type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme	If sitting the students down check the area beforehand.	6
		Spider bite	<input type="checkbox"/> Very Unlikely <input checked="" type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input checked="" type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme	Make sure students do not put their hands where they cannot see.	5
			<input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme		
	2c Extreme heat	Dehydration	<input checked="" type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input checked="" type="checkbox"/> Extreme	Ensure students have drink bottles and are taking in enough fluids on hot days. Drinking water supplied at morning tea break.	4
			<input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme	Run alternate program in dining room/meeting hall if temperatures over 38c.	
			<input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme		
	Any other issues	Needing assistance	<input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme	Communication available. Take 2-way radios to each activity.	
		Losing kids	<input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme	Group kept together at all times. Group management important.	

Risk Assessment for Environmental Programs

Task/Step (Sequential Order)	Hazards (associated with each step)	Risks (There may be more than one risk associated with each hazard)	Likelihood	Consequences	Control Measures	Score
3. Reptiles	2d Handling the python	Snake bite (non-venomous)	<input type="checkbox"/> Very Unlikely <input checked="" type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input checked="" type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme	Assess the mood of the python always. Make sure it is never hungry. If in a bad mood, only instructor to handle.	5
			<input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme	Clear instructions not to crowd the student holding the python.	
			<input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme	When fearful students hold snake, instructor to also hold in case they try and drop it.	
	Handling the lizards	bite	<input checked="" type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input checked="" type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme	Very friendly tame lizards, be wary on extremely hot days.	7
			<input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme		
			<input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme		
	Handling the scorpion	Sting	<input checked="" type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input checked="" type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme	Instructor to closely monitor animal behaviour	6
			<input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme	Young students not to hold	
			<input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme		

Task/Step (Sequential Order)	Hazards (associated with each step)	Risks (There may be more than one risk associated with each hazard)	Likelihood	Consequences	Control Measures	Score
4. Macro- invertebrates	4a Collecting samples	Falling in, drowning	<input checked="" type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input checked="" type="checkbox"/> Extreme	Long nets, no need to get too close to the water.	4
			<input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme	Clear instructions to stay back from the water.	
			<input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme		
	4b		<input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme		
			<input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme		
			<input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme		
	4c		<input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme		
			<input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme		
			<input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme		
	4d		<input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme		
			<input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme		
			<input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme		

Task/Step (Sequential Order)	Hazards (associated with each step)	Risks (There may be more than one risk associated with each hazard)	Likelihood	Consequences	Control Measures	Score
5. Wetland/ Environmental walk	5a Falling in the river	Drowning	<input checked="" type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input checked="" type="checkbox"/> Extreme	Clear instruction to not leave the path	4
			<input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme	Clear paths to follow	
			<input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme		
	5b Tripping up	Injuring ankle, scabby knees	<input type="checkbox"/> Very Unlikely <input checked="" type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input checked="" type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme	Clear instruction to walk, not run.	5
			<input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme		
			<input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme		
	5c		<input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme		
			<input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme		
			<input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme		
	5d		<input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme		
			<input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme		
			<input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely	<input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme		

Risk Assessment

Risk Priority Chart – from Qld Risk Management advisory standard 2000

(Risk scores of 1 or 2 indicates the activity may need to be re – designed or avoided, unless tighter control measures can be implemented. Risk scores of 3 indicate caution must be exercised to ensure the activity control measures remain effective.)

Likelihood	Consequences			
	Extreme	Major	Moderate	Minor
Very Likely	1	2	3	4
Likely	2	3	4	5
Unlikely	3	4	5	6
Very Unlikely	4	5	6	7

Prepared by **Maegan McDonald**

Signature _____

Date **06/01/20**