

## Risk Assessment for Darwin Centre / Science Festival Event - Evidence of Past Climate Change

**Location** – Various Coastal paths

**Activity Description** – A coastal visit to discuss and see geological evidence of past climate changes

**Person Responsible** – Marten Lewis

**People at Risk** – Darwin Science Employees, School Pupils, School Representatives

<b>Hazard</b>	<b>Risk</b>	<b>Locations</b> tick those that apply - highlight specific areas on route map if appropriate	<b>Possible Outcome</b> give details if appropriate or note as uncertain or unsure	<b>Probability</b> low/mod./high or note as uncertain or unsure (AAC- assumes appropriate controls)	<b>Severity</b> low/mod/severe/v. severe	<b>At risk</b>	<b>Controls / Action req.</b> additional i.e. not covered already under general comments
Uneven, slippery surfaces	Slip or trip	path foreshore crag scree slope steps	physical injury esp. ankle/knee injury but could easily be more serious	high ankle/knee injuries are a fairly common occurrence during walks	depends on circumstances mostly relatively low	anyone	esp. important to be aware of diagnosis/treatment for ankle/knee injuries and carrying techniques Keep a steady pace suitable for the group

Difficult terrain & long routes	Over exertion	any where but esp. steep gradients and if carrying heavy load	cardiac arrest asthma attack	moderate	severe, possibly fatal even if appropriate	anyone especially if overweight, unfit or with previous history	special care if anyone declares previous history Teachers should be aware of the health issues of their children and should notify the Darwin Centre
Sea cliffs, rock faces & crags	Falling over/down	Steep cliffs Wet/slippery/grassy slopes above steep cliffs	physical injury	low *AAC *if appropriate controls are in place	severe likely to be serious, possibly fatal	anyone	choose routes & viewpoints very carefully
	Landslide	Unstable cliffs	burial/physical injury	low *AAC	v. severe multiple casualties	all	choose routes & viewpoints very carefully – be aware of runout distances
	Rockfall	Under steep and/or unstable cliffs *CR1	burial/physical injury	low *AAC	v. severe multiple casualties	all	as above
	Accidental dislodgement or deliberate throwing of stones or other items over cliff	esp. cliffs above accessible areas of foreshore	physical injury and/or damage to property	mod. *AAC	severe	one or more members of the group or other people	choose routes very carefully, shout warning keep children under close supervision
Sea	freak waves on foreshore & low cliffs during rough weather	esp. on exposed headlands	physical injury hypothermia drowning	low *AAC	mod. *DOC	all	avoid these locations in stormy weather
Weather	Cold/wet/windy	esp. hills and exposed coastlines	hypothermia 'windburn'	low *AAC	low *AAC	one or more	continuous monitoring of group if conditions are wet,

							cold & windy
	Hot	esp. in enclosed areas e.g. quarry	heat exhaustion	low *AAC	low	anyone	carry spare cold drinks sun hats, seek shade & cooling draught
	Sunny	esp. unshaded areas	sunburn	low *AAC	low	anyone	apply protective suncream, wear sunglasses & sunhat
	Lightening	esp. exposed ridges & headlands	electrocution	low *AAC	potentially severe	one or more	avoid locations, take appropriate action if caught in storm
Road traffic	Strike pedestrian or swerve & collide Frighten horses	esp. on narrow roads, corners and when crossing busy roads	physical injury	low *AAC	potentially severe	participants drivers vehicles horses	single file, use verge, leader & backmarker to wear high visibility jacket
Driving	Road traffic Accident (RTA)	narrow roads	physical injury vehicle damage	mod *AAC	potentially severe	driver/s participants pedestrians	appropriate training & vehicle maintenance
Car Park	Unexpected movement of vehicles, not looking for traffic	Car park	Physical injury	Low *AAC	Potentially severe	All particularly children	Keep the group together and near the coach. Have adult supervisors to control movement of group
Wild & domestic animals, insects, marine life and birds	bites (horse, dog, snake, seal etc) faeces stampeding	anywhere	bites, stings, allergy infections, disease poisoning	mostly low	low	one or more	try to avoid dangerous situations
Plants & Fungii	Inhalation of pollen & spores Skin contact Ingestion	anywhere on land	asthma, allergy blistering, poisoning cancer (e.g. bracken spores)	mostly low	low	one or more	learn to recognise common types do not eat wild plants avoid bracken when in spore

**Overall Controls – Pupils to be supervised by adult school representatives during the visit and should be wearing appropriate clothing.**