

FIELDWORK RISK ASSESSMENT FORM

SECTION 1: GENERAL DETAILS AND APPROVAL

FIELDWORK DETAILS		
Fieldwork type: <input type="checkbox"/> Undergraduate <input type="checkbox"/> Postgraduate <input type="checkbox"/> Research <input type="checkbox"/> X Other:		
Fieldwork description: Fenner Conference and associated walks Charlotte Pass/Main Range area, Kosciuszko NP		
NA		
Subject name (if applicable):	Subject No:	NA
Date(s) of activity: From: 17/2/2020 To: 21/2/2020		
Fieldwork supervisor: Nicholas Gill	Contact No:	4221 4165
Fieldwork location: Kosciuszko NP – Charlotte Pass area; Main Range – Summit Track, Main Range Track		
Have you obtained the following safety equipment? Defibrillator <input type="checkbox"/> Satellite Phone <input checked="" type="checkbox"/> EPIRB <input checked="" type="checkbox"/> Oxygen Resuscitation Kit <input type="checkbox"/> Remote First Aid Kit <input checked="" type="checkbox"/>		
Detail two forms of communication: Mobile phone, satellite phone, PLB, UHF radio		
Location assessed by: N. Gill	Date assessed:	22/01 /2020
Referenced documentation:		
Overall level of WHS risk associated with activity: <input type="checkbox"/> High <input type="checkbox"/> Medium <input checked="" type="checkbox"/> X Low		
APPROVAL		
Completed by:		
Name: Nicholas Gill	Signature:	Date: 22 / 01/20
Supervisor:	Signature:	Date: / /
For fieldwork assessed as high risk:		
Head of Unit:	Signature:	Date: / /

SECTION 2: RISK ASSESSMENT

STEP 1: GENERAL REQUIREMENTS

Emergency Contact at UOW: Edward Keenahan

Contact No: 4221 3316

Nominated First Aid Officers: N. Gill

Accommodation: Stillwell Lodge, Charlotte Pass

Catering Arrangements: Stillwell Lodge

Personal Protective Clothing and Equipment Requirements: As required for outdoor activities in cold or heat

Expected Weather Conditions: Potentially either cold or hot and sunny

Copies of Mandatory Qualifications, Licences and Training Attached: First Aid

STEP 2: HAZARD IDENTIFICATION

Select applicable hazards or identify others which may be relevant to the fieldwork being undertaken.

Environmental Hazards				
<input type="checkbox"/> X Hot environment (e.g. high UV, heat stress, dehydration)	<input type="checkbox"/> X Cold environment (e.g. frost bite, hypothermia)	<input type="checkbox"/> Heavy rainfall, flooding	<input type="checkbox"/> X Bush fires	<input type="checkbox"/> X Extreme weather (e.g. storm, cyclones)
<input type="checkbox"/> Contaminated soil/sand	<input type="checkbox"/> Concealed holes	<input type="checkbox"/> X Bites & stings (e.g. jellyfish, ticks, leeches, spiders, bees)	<input type="checkbox"/> Sharp surfaces/objects (rocks, oysters)	<input type="checkbox"/> X Animal attacks (e.g. snakes, dingos, crocodiles, wild pigs)
<input type="checkbox"/> Unstable, uneven, soft or slippery surfaces	<input type="checkbox"/> Contaminated land or water	<input type="checkbox"/> River or lake crossing e.g. strong currents, waves, tides.		
Physical Hazards				
<input type="checkbox"/> Unstable, uneven, soft or slippery surfaces	<input type="checkbox"/> Contaminated land or water	<input type="checkbox"/> X River or lake crossing e.g. strong currents, waves, tides.	<input type="checkbox"/> Noise	<input type="checkbox"/> Moving, falling objects
<input type="checkbox"/> Falls from heights (e.g. cliffs, platforms)	<input type="checkbox"/> Use or storage of hazardous chemicals	<input type="checkbox"/> Fatigue (e.g. driving long hours)	<input type="checkbox"/> Heavy traffic area	<input type="checkbox"/> Working in/near water (e.g. boats, swimming, diving)
<input type="checkbox"/> Hazardous equipment (e.g. hammers, drills)	<input type="checkbox"/> Manual handling (e.g. lifting, pushing, pulling, digging)	<input type="checkbox"/> Fencing (e.g. wire, electric, high)		
Other Hazards				
<input type="checkbox"/> Diving	<input type="checkbox"/> Boating	<input type="checkbox"/> Infectious diseases	<input type="checkbox"/> Working alone	<input type="checkbox"/> Violent persons
<input type="checkbox"/> Harassment	<input type="checkbox"/> X Getting lost	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

STEP 3: ASSESSMENT OF HAZARDS

From the hazards identified in Step 2 along with any others identified, assess the risk of those hazards below.

Hazard	Description of Hazard	Current Controls	Risk (C=consequence, L=likelihood, R=risk)		
			C	L	R
Hot Environment	Walking outside in summer temperatures	Protective clothing, sunscreen, hydration, work in shade if possible, rotate roles to manage exposure; check forecast, consider not walking.	Moderate	possible	L
Cold Environment	The high country can be cold at any time of year.	Cold weather clothing, check forecast, consider not walking; carry first aid kit with foil blanket	Moderate	possible	L
Bites and stings	Insect bites	First aid kit with appropriate bite treatments; antihistamines; protective clothing	Minor	Possible	L
Animal attacks	Snake bite	Protective clothing; carry compression bandages and communication as appropriate for location	Severe	Unlikely	M
Bushfires	The park has reopened but there have been fires in the park over summer. Those in the south of the park are currently under control.	Monitor and check for fires in the area; consult NPWS if there are fires regarding safety issues. Consider cancelling walks	Major	Possible	M
Extreme weather	The alpine areas are subject to extreme weather at any time of year.	Monitor weather forecasts for extreme weather; wear or carry appropriate clothing and communication equipment (eg. PLB). Consider cancelling walks.	Major	Possible	M
River or lake crossing	Crossing rivers or creeks in the alpine area and falling in.	Cross at designated crossings (eg the Snowy R. crossing on the main range track). Check for high flow and cross only if safe; watch and treat for hypothermia if wet.	Moderate	unlikely	L
Getting lost	Possibility of getting lost on a walk in the alpine area – this is unlikely due to the well-developed track system in the area and the relatively limited walks we are doing	Sign in and out system for walks; remain on tracks, carry communication equipment (eg UHF radios); stay with group, provide/carry maps and compass	Moderate	unlikely	L

STEP 4: RISK CONTROL

From the selected identified hazards, prepare a control action plan as outlined below to ensure the risk is managed to an acceptable level. **Please note:** First Aid Kit and appropriate clothing, footwear, hat, sunscreen and an adequate supply of drinking water are always required, regardless of real or perceived risks.

Hazard	Control Description	Control Type	Person Responsible	Target Date	Date Completed
Hot Environment	Protective clothing, sunscreen, hydration, work in shade if possible, rotate roles to manage exposure; check forecast, consider not walking.	Administrative, PPE.	N. Gill; Everybody	17/2/20	
Cold Environment	Protective clothing, check forecast, consider not working; carry first aid kit with foil blanket	Administrative, PPE.	N. Gill; Everybody	17/2/20	
Bites and stings	First aid kit with appropriate bite treatments; antihistamines; protective clothing	Administrative, PPE.	N. Gill; Everybody	17/2/20	
Animal attacks	Protective clothing; carry compression bandages and communication as appropriate for location	Administrative, PPE.	N. Gill; Everybody	17/2/20	
Bushfires	Monitor and Check for fires in the area; consult NPWS if there are fires regarding safety issues. Consider cancelling walks	Administrative	N. Gill	17/2/20	
Extreme weather	Monitor weather forecasts for extreme weather; wear or carry appropriate clothing and communication equipment (eg. PLB). Consider cancelling walks.	Administrative, PPE.	N. Gill; everybody	17/2/20	
River and Lake crossings	Cross at designated crossings (eg the Snowy R. crossing on the main range track). Check for high flow and cross only if safe, watch and treat for hypothermia.	Administrative, PPE.	N. Gill; everybody	17/2/20	
Getting lost	Sign in and out system for walks; remain on tracks, carry communication equipment (eg UHF radios); stay with group, provide/carry maps and compass	Administrative, PPE.	N. Gill; everybody	17/2/20	

Step 1 – Consider the Consequences		Step 2 – Consider the Likelihood		Step 3 – Calculate the Risk					
What are the consequences of this incident occurring? Consider what <u>could reasonably</u> have happened as well as what actually happened. Look at the descriptions and choose the most suitable Consequence.		What is the likelihood of the consequence identified in step 1 happening? Consider this without new or interim controls in place . Look at the descriptions and choose the most suitable Likelihood.		1. Take Step 1 rating and select the correct column 2. Take Step 2 rating and select the correct line 3. Circle the risk score where the two ratings cross on the matrix below. H = High, M = Medium, L = Low					
CONSEQUENCES		LIKELIHOOD							
Consequence	Description	Likelihood	Description		CONSEQUENCES				
					Minor	Moderate	Major	Severe	
Severe	Death or extensive injuries	Almost Certain	Is expected to occur in most circumstances	LIKELIHOOD	Almost Certain	M	M	H	H
Major	Medical treatment	Likely	Will probably occur in most circumstances		Likely	L	M	H	H
Moderate	First aid treatment	Possible	May occur at some time		Possible	L	L	M	H
Minor	Injury report, no treatment	Unlikely	May occur, but probably never will		Unlikely	L	L	M	M

Risk Control

Risk control is a method of managing the risk with the primary emphasis on controlling the hazards at source. For a risk that is assessed as “high”, steps should be taken immediately to minimize risk of injury. The method of ensuring that risks are controlled effectively is by using the “hierarchy of controls”. The Hierarchy of Controls are:

Order No.	Control Type	Example
Firstly	Eliminate	Removing the hazard, eg taking a hazardous piece of equipment out of service.
Secondly	Substitute	Replacing a hazardous substance or process with a less hazardous one, eg substituting a hazardous substance with a non-hazardous substance.
Thirdly	Isolation	Isolating the hazard from the person at risk, eg using a guard or barrier.
Fourthly	Engineering	Redesign a process or piece of equipment to make it less hazardous.
Fifthly	Administrative	Adopting safe work practices or providing appropriate training, instruction or information.
Sixthly	Personal Protective Equipment	The use of personal protective equipment could include using gloves, glasses, earmuffs, aprons, safety footwear, dust masks.

