

Risk Assessment

Each factor is assessed in terms of Hazard and Likelihood with control measures in place. Risk is the product of the two numbers.

Hazard (H):	Likelihood (L):	Risk
3: Death possible,	3: likely	1-2: Low Risk
2: serious injury possible,	2: potential	3-4 : Medium risk
1: minor injury possible	1 unlikely	6: High risk
		9: Unacceptable Risk

Factor	H	L	Risk	Controls Measures
Team				
Inexperience or anxiety resulting in bad team relationships	1	1	1	All members are known to each other, and have sufficient experience of travelling and mountaineering. Members to be aware of signs, and look out for each other
Culture Shock	1	1	1	All members have experience of travelling. Members to be aware, and help each other.
Horse Play	2	1	2	To be minimised by members while on expedition.
Environment				
Altitude: HACE, HAPE	3	1	3	BMC guidelines followed for ascent profiles: Basecamp is at 3000m, limit before BMC recommended ascent profiles start. Any sleeping above this altitude will only occur once acclimatised via sleeping at base and climbing above 4000m multiple times. Very unlikely with altitudes and timescales involved. Appropriate training to identify and treat condition will be part of first aid training.
Altitude: AMS	2	2	4	
River Crossing: Drowning	3	1	3	Rivers will not be crossed when dangerous. Training to understand rivers to be undertaken in UK.
River Crossing: Injury	2	2	4	Provision for members stranded on opposite side of river to main camp will be made if deemed necessary.
Heat Exhaustion /Heatstroke	2	2	4	Hats, sunglasses and protective cream to be worn when appropriate. Water to be carried at all times.
Dehydration	1	3	3	Members to be aware of symptoms and relief measures.
Hypothermia / Frost bite	3	1	3	Members to wear and carry appropriate kit, and be wary of changing weather. Members to understand symptoms and relief measures.

Health				
Insects - Malaria	2	2	4	Follow current medical advice from NHS: Avoid biting insects by use of repellent, and covering up No anti-malarial drugs needed.
Rabies	3	1	3	Follow current medical advice from NHS: Immunisation advised; avoid contact with animals.
Poor medical facilities (Use of)	3	1	3	Some provision for own drugs and needles has been made for emergencies
Poor health and hygiene.	2	1	2	Members awareness. Hand wash routines.
Illness in remote area	2	1	2	Members trained in first aid, some medicines taken, evacuation plans agreed
Polluted Water	2	1	2	Bottled water in Bishkek, appropriate filtering and iodine in field
Contaminated Food	2	1	2	Self preparation in field, use of reputable vendors in Bishkek
Local population				
Loss, theft of baggage	2	1	2	Follow current FCO guidelines: Members to be vigilant and aware of risk
Crime in towns, villages	2	1	2	Follow current FCO guidelines: Members to be vigilant and aware of risk
Mountaineering				
Mountaineering safety equipment failure	3	1	3	UIAA safety standard equipment used, and checked prior to use. All equipment within lifespan and undamaged
Accident or injury while mountaineering	3	2	6	All members experienced, rescue plan in place, rescue techniques practiced.
Travel and Camp Life				
Cooking / stove accident	2	1	2	Knowledge of and training in all stoves and safe cooking practices.
Swimming / washing: Leptospirosis	2	1	2	Follow NHS guidelines: Avoid swimming in warm fresh water or stagnant and cover cut/grazes. Awareness of symptoms. Flu-like, high temperature, nausea will have antibiotics to deal with a mild case, if condition worsens evacuation will be necessary.

Other Equipment Failure - personal (clothing etc)	2	1	2	All equipment to be tested prior to departure. Provisions made for likely or critical breakages or loss.
Equipment Failure Group	2	1	2	All equipment to be tested prior to departure. Provisions made for likely or critical breakages or loss.
Rock fall near camp	3	1	3	Careful siting of camps and routes to avoid rock fall
Flooding of camp	3	1	3	Careful siting of camps and routes to avoid flooding. Follow evacuation plan in Crisis Management Plan'
Hostels/hotels	2	1	2	Members to be aware of potential reduced safety standards including electrical, fire and security, and act accordingly.
Aircraft crash /Hijack	3	1	3	EU guidelines followed: Reputable airline to be used
Road Traffic Accident	3	2	6	Follow current FCO guidelines: Members to be vigilant and aware of risk
Terrorist Attack	3	1	3	Follow current FCO guidelines: Members to be vigilant and aware of risk