

# Opwall Risk Assessment and Audit Indonesia 2024

Risk	Likelihood	Severity	Mitigation and Assessment Methods	Assessment Method	Compliancy (Action to be taken if not compliant)
Travellers stomach problems	L	М	Ensure only bottle water is drunk. Do not clean teeth in tap water.		
			Method: Check this is included in pre-arrival briefing material sent to students and also in welcome talk		
Mosquito bites leading to malaria, dengue fever or Zika virus	L		All participants to be instructed to cover up in the early morning and late afternoons, sleep under mosquito nets in areas where the insect populations are high and wear insect repellent. If taking anti-malarial tablets, then participants advised to complete full course. All participants to be warned of specifics of each disease and symptoms to look out for.  Method: Check this is included in pre-arrival briefing material		
Theft, mugging, violence & personal security	L	M	sent to students and also in welcome talk  Participants will stay in a hotel whilst in towns or cities and will be briefed on how to reduce the risks. Valuables should remain "off display" at all times, and participants should not walk out alone at night and avoid remote areas of the city.  Participants will be briefed on ensuring they lock their room doors overnight and when they leave the room.		
Dehydration	M	M	Method: Check this is included in pre-arrival briefing material sent to students and also in welcome talk  All participants are informed that dehydration is a significant risk at all times when in the expedition country. They should be informed that they should drink 2 litres of water per day. For any treks, participants should carry sufficient water supplies for the duration of the trek and the trek leader should stop regularly to rest and check for signs of dehydration.		

			Method: Check this is included in pre-arrival briefing material sent to students and also in welcome talk	
Being injured from traffic	L	M	All participants told of dangers of the busy city roads.  Everyone should walk on sidewalk rather than road.	
			Method: Check this is included in pre-arrival briefing material sent to students and also in welcome talk	
Terrorists target Operation Wallacea sites or volunteers/staff get caught up in a general terrorist attack	L	VH	Indonesia Country Coordinator to monitor political stability both nationally and locally throughout the course of the season. Expeditioners to be advised to exercise caution if travelling to Bali, Jakarta or other populated centres before or after their expedition.	
			Method: Check with country coordinator	

Risk	Likelihood	Severity	Mitigation measures	Assessment Method	Compliancy (Action to
					be taken if not
					compliant)
Lack of management control	L	M	Ensure there is an English-speaking transfer supervisor for		
increases risks of collision or			each journey. This person should have a mobile phone and be		
other incident			able to contact each of the drivers travelling on any transfer.		
			They should also ensure the drivers are always briefed (see		
			below), and that vehicles travel in convoy with at least one		
			transfer supervisor per group of vehicles. Where possible seat		
			belts should be worn, although they are not common in cars		
			in Indonesia.		
			Method: Interview person in charge of supervising transfers		
Vehicles attacked	L	Н	Travel to take place during daylight and on main roads		
			wherever possible.		

			Method: Schedule of bus transfers done during daylight hours	
Passengers becoming sunburned	М	М	All participants sitting outside in the back of the trucks to be	
or rained on during the journey			told to use sunblock. When raining all passengers to be given	
			waterproof covers.	
			Method: Interview person in charge of supervising transfers	
Participants unprepared for	L	M	Ensure transfer briefing is given before any transfer. This	
length of journey or relevant risks			should include as a minimum: The length of the journey, the	
			approximate times of any breaks, what to expect during	
			breaks in terms of relevant risks and where is "off limits" (e.g.	
			crossing the road to browse shops).	
		<u>.</u>	Method: Interview person in charge of supervising transfers	
Inappropriate or lack of insurance	L	L	Ensure supplier holds relevant motor insurance to satisfy	
			national requirements. This is a contract requirement.	
			Method: Check with MWI	
Inexperienced driver increasing	L	Н	Ensure driver has more than 3 years' relevant experience.	
risk of accident				
			Method: Check with MWI	
Driver fatigue	L	М	Ensure there is a second driver if the journey is longer than 10	
			hours on any given day. On any given day, ensure no driver is	
			on duty for more than 11hours. Drivers must stop at least	
			every 4 hours for a break.	
			Method: Check with MWI	
Driver unaware of safety	L	М	Ensure the driver has committed to meet their obligation to	
requirements			comply with national vehicle regulations relevant to the	
•			journey e.g. for licensing, speed limits, weight of vehicle,	
			number of passengers etc. and have been briefed on our	
			safety requirements (see below). This is a contract	
			requirement.	
			Method: Check with MWI	
			memor check with mirror	

Tyres not able to support	L	Н	Ensure that each tyre has visible tread in the central part of	
emergency braking			the tyre all the way round, and that there are no clear	
			irregularities such as bulges.	
			Method: Check with MWI	
Lack of comfort on journey	M	L	Ensure that all passengers have a seat (not including floor	
			space) if the journey is longer than 1 hour.	
			Method: Interview person in charge of supervising transfers	
Lack of comfort on journey	М	L	Ensure that luggage is stored in a separate area of the vehicle	
			or does not prevent passengers from being in a comfortable	
			sitting position on journeys longer than 1 hour.	
			Method: Interview person in charge of supervising transfers	
Participants becoming lost during	ı	Н	If using multiple vehicles, ensure that they travel in convoy or	
travel	_	''	there is one transfer supervisor (who has a mobile phone and	
li dvei			can contact each of the drivers) per group of vehicles.	
			carreditate each of the universy per group of vernices.	
			Method: Interview person in charge of supervising transfers	
Driver not following safety	L	Н	Ensure that the driver drives carefully and within the speed	
requirements			limit, does not use their phone whilst driving, and stops at	
			least once every 4 hours in order to prevent fatigue.	
			Method: Interview person in charge of supervising transfers	
Other risks associated with travel	M	М	If participants are travelling in the bed of a pick up truck,	
by pick up trucks			ensure that they are all able to site in the bed on not on the	
			edge. Ensure that all participants are told not to sit on the	
			edge, and not to stand during transit. Ensure that the tailgate	
			locks securely, and that participants know not to touch it	
			during transit. Ensure that pick up trucks carrying passengers	
			never exceed 50kmp/h.	
			Where large trucks with high sides are used for travel to	
			camps, participants instructed to stand up and hold on to the	
			side of the truck.	

Method: Interview person in charge of supervising transfers	

Risk	Likelihood	Severity	Mitigation measures	Assessment Method	Compliancy (Action to be taken if not compliant)
Lack of management control	L	M	All journeys to be accompanied by a transfer manager who		
increases risks of incidents			should make sure that the vessel is not overloaded, and that		
			all participants are fully briefed on where they can travel or sit		
			within the boat, location of lifejackets and toilets (if any), and		
			expected journey time. Mattresses to be provided for		
			volunteers sleeping on boats. Staff member to remain vigilant		
			on overnight boat stays.		
			Method: Interview person in charge of supervising transfers		
Vessel sinking or capsizing	L	Н	All boats used for transportation to be registered with the		
			relevant port authorities. Captain to have method for		
			communication with rescue services. Lifejackets to be		
			available for all participants (except on dive or snorkel trips).		
			Passenger boats to have radio communications or mobile		
			phone communications with the shore.		
			Method: Interview person in charge of supervising transfers		
Passengers suffering sunburn,	М	М	Transfer manager to make sure that sufficient drinking water		
dehydration or heat-stroke			is available, and that participants are told to wear sun block if		
			outside.		
			Method: Interview person in charge of supervising transfers		
Passengers suffering sea sickness	М	L	Participants to be advised to bring travel sickness medication		
			and reminded to take it, if desired, prior to the journey.		
			Method: Check this is included in pre-arrival briefing material sent to students		

Falling whilst boarding	L	L	Participants to be advised to board one person at a time. If	
			using a gangplank ensure that there is an option for	
			participants to board without their luggage and it be passed	
			to them once they are onboard.	
			Method: Interview person in charge of supervising transfers	

#### Water Margins – Completed by..... Date...... Date.....

Risk	Likelihood	Severity	Mitigation measures	Assessment Method	Compliancy (Action to
					be taken if not
					compliant)
Inappropriate supervision			Complete assessment pro-forma to establish level of		
			supervision required		
			Method: Interview site manager		
River crossings			Do not enter water where the current/flow could cause the		
			participant to be moved to a deeper or more dangerous area		
			of the water. Staff member to enter first in order to test the		
			depth and terrain under the water. Any slippery sections		
			should be highlighted. Use a rope if appropriate over		
			sustained slippery terrain.		
			Method: Check with site manager that this has been done on		
			all transects being used by groups		
Bathing in streams			Give a safety briefing to ensure that any out-of-bounds areas		
			are highlighted, any non-bathing activities are prohibited,		
			means of access to the bathing area is specified (e.g. no diving		
			in to the water), and participants are told not to be alone in		
			the water unless in a pre-defined bathing area.		
			Method: Check with site manager that this was included in welcome briefing		

Beach/lakeside activities	Ensure appropriate supervision is in place (see pro-forma). Do
(including leisure time on the	not enter water if there are strong tides or current that could
beach)	cause participants to be drawn out to sea or to a dangerous
	area (e.g. rocks or coral). Give a safety briefing to highlight any
	out-of-bounds areas. Ensure that shoes are worn if entering
	the water.
	Marthad Charles the transport of the tra
	Method: Check with site manager that this was included in
	welcome briefing
Alcohol	No alcohol to consumed by any participants whilst in the
	water. No participants to enter the water whilst under the
	influence of alcohol.
	Marthad Charles the transport of the tra
	Method: Check with site manager that this was included in
	welcome briefing

Risk	Likelihood	Severity	Mitigation measures	Assessment Method	Compliancy (Action to be taken if not compliant)
Participant becoming lost	L		All groups must sign out when leaving the camp using whiteboard system and if the group does not return on time then contact will be attempted with the group and if this is not possible a search and rescue team will be organised. No participant to leave the camp site area unaccompanied.  Method: Direct observation of white board sign out/in, and check that groups have been briefed		
Safety and security of participants and personal belongings	L		Valuables should not be left lying around. Guards or Opwall staff members will always be present in the terrestrial sites. Where homestays are used, Operation Wallacea Standard		

			Operation Procedures are followed to ensure the host families
			and houses are suitable for accommodating students.
			and houses are salitable for accommodating students.
			Method: Check with site manager that this was included in
			welcome briefing and that Standard Operating Procedures
			were followed when assigning houses
Participants poorly equipped or	1	M	Participants are fully briefed prior to the start of any walks
with a lack of fitness to cope	L	IVI	and check they have the appropriate equipment with them.
adequately with the forest			New participants will be watched carefully for signs of
conditions			exhaustion and to adjust the distances covered according to
			the fitness levels. Training sessions given to students prior to
			expedition to ensure they are fully prepared for conditions on
			site.
			Method: Interview project leaders to check that this
			information is included in their briefings
Lack of hygiene increasing risk of	L	M	Hands should be washed regularly before eating using hand
disease			washing facilities provided on site. Kitchen facilities whilst on
			site should be kept clean and food categories (e.g. meats,
			vegetables etc.) are prepared separately. All tables on site are
			cleaned with bleach at least once a day and dishwashing
			bucket water changed frequently.
			Method: Direct observation
Allergic reaction to food	М	Н	All participants to submit dietary and allergy information prior
			to the expedition. Where allergies are serious (e.g. severe nut
			allergies), no trigger foods to be prepared or served whilst the
			relevant participant is on-site (e.g. a total nut ban).
			Method: Interview site manager
Medical problem for participant	М	М	All medical details are provided by all participants before the
parameter parame			expedition and reviewed by country manager and expedition
			medics. Medical staff always available during the expedition
			or always within close proximity of medical facilities. Sites
			or arways within close proximity of medical facilities. Sites

			have adequate medical supplies for stabilising any patients
			needing to be transferred to a hospital.
			Method: Interview site manager and check first aid kit.
Need for emergency evacuation	L	Н	Vehicles always available for emergency evacuation from field
			sites. Full evacuation plans in place for extraction to local
			medical facilities.
			Method: Direct observation of vehicles on site and evacuation
			plans posted
Falling down steep slopes, hole or	M	Н	All participants must stick to designated paths in the forest
tripping on slippery surfaces			along which any potential hazards are roped off. Regular trails
tripping on supperly surfaces			with steep slopes to be fitted with ropes. Ropes to be installed
			around river showers and washing areas where needed.
			Mathada latan ing garage and an ang tagan
			Method: Interview project leaders to ensure that the
			transects are safe
Night trekking	L	Н	Ensure all participants wear a working head torch. Ensure a
			full briefing is done before the start of the trek, and that all
			safety precautions are taken in line with control measures for
			falls and injuries, water margins and safe trekking
			Method: Direct observation of briefings, and interview project
			leaders to check that this information is included in their
			briefings
Snake bite	VL	Н	Only herpetologists will handle snakes and venomous species
Shake Site	-		should not be brought to camp to show participants. All
			participants should wear long baggy trousers and walking
			boots/wellingtons when walking through the forested areas.
			If snake bite was to occur then response is to apply a light
			pressure bandage, immobilise the patient and evacuate them
			to hospital.
			Method: Check that this is included in welcome briefing

Dog or cat bite whilst in village	L	Н	All participants advised not to approach, handle or feed dogs or cats in the villages
Small mammal or bat bite	L	Н	Method: Check that this is included in welcome briefing  Only participants who have received rabies injections to be allowed to handle bats and small mammals. Any participant or staff member bitten by a bat to be given booster rabies injections.
Reaction or disease from insect or arachnid bite	L	M	Method: Interview site manager  Participants with strong reactions to insect/arachnid bites identified prior to expeditions, and instructed to carry epipens with them. Participants to wear long trousers and closed-toed footwear whilst in forested areas and long grass.
Local fauna and flora	M	M	Method: Interview site manager  Trek leaders to walk at front of group and identify any major insect hives and ensure groups avoid these areas. All participants should check their shoes before putting them on.  Participants will be briefed on any risks from flora or fauna.  No participant (student or staff) is to take a trip to the mangroves anywhere on Buton.
			Method: Check with site manager that this was included in welcome briefing
Heavy rain causes river to rise, landslides or tree fall	L	Н	Experienced expedition site manager to select the site to minimise risk from flooding, landslides and tree fall. In exceptionally heavy rain Camp Manager to organise a 24 hour look out system.  Method: Interview site manager.
Fire	L	VH	Method: Interview site manager  Smoking is not permitted anywhere inside the forest except in designated areas. All participants should be fully briefed on this regulation and are trained in evacuation procedures. No

			smoking allowed in any tent, hammock, building or local	
			houses.	
			Method: Check with site manager that this was included in	
			welcome briefing	
Burns from cooking or drying	L	Н	Fuel stored away from fire. No fire left unattended. No	
fires			participants to cook with a fire unsupervised. Participants	
			briefed on the use of drying fires and informed to keep a safe	
			distance at all times	
			Method: Interview site manager	

## Canopy Work - Completed by...... Date...... Date......

Risk	Likelihood	Severity	Mitigation measures	Assessment Method	Compliancy (Action to be taken if not compliant)
Equipment failure	L	Н	Canopy Access Limited staff audit all equipment prior to shipping to country, and inspect each piece prior to initial setup and before assigning equipment to students.  Method: Interview Canopy Access Instructors		
Students poorly equipped to climb trees	L		Students are not able to climb until they have received instructions and seen a demonstration, and only then under the supervision of the Canopy instructors. Students failing to listen to the instructions or watch the demonstration and achieve an acceptable level of proficiency with the equipment as determined by the Canopy instructors will not be allowed to climb.		
Climbing line failure	L	Н	Method: Interview Canopy Access Instructors Lines are only installed by Canopy Access Ltd. staff. Top anchors and lines are inspected weekly by canopy staff. All students climb on two lines, a primary and secondary line, and		

			fall arrest devices are installed, and students taught how to use them, on the secondary line in the unlikely event of a primary line failure.	
			Method: Interview Canopy Access Instructors	
Panic attack	L	M	All trees are rigged with two complete sets of lines, and an instructor is able to ascend the same tree and assist a student returning to the ground. Canopy Instructors received extensive training in emergency recovery as part of their BCAP, ACAP and ICAP certifications.	
			Method: Interview Canopy Access Instructors	

## Marine risks – Completed by..... Date...... Date......

Risk	Likelihood	Severity	Mitigation measures	Assessment Method	Compliancy (Action to
					be taken if not
					compliant)
Need for emergency evacuation	L	Н	Vehicles always available for emergency evacuation from field		
			sites. Full evacuation plans in place for extraction to local		
			medical facilities.		
			Method: Interview site manager		
Falling down steep slopes, holes	L	Н	All participants must stick to designated paths around the site		
or tripping on slippery surfaces			and briefed on using torches at night, and be wearing sandals.		
			Method: Check with site manager that this was included in		
			welcome briefing		
Local fauna and flora	М	М	Participants will be briefed on any risks from flora or fauna.		
			Method: Check with site manager that this was included in		
			welcome briefing		

Injury or danger encountered	L	М	Camp manager must be informed of any groups leaving site	
when wandering around the			and when they are due to return. All trips off site should be in	
town			groups of at least two people.	
			Method: Direct observation of white board sign out/in, and	
			check that groups have been briefed	
Fire	L	Н	No smoking allowed within buildings and only in designated	
			smoking areas. All participants should be fully briefed on	
			evacuation procedures.	
			Method: Check with site manager that this was included in	
			welcome briefing	
Medical problem for participant	М	М	All medical details are provided by all participants before the	
			expedition and reviewed by Camp manager and expedition	
			medics. Medical staff always available during the expedition	
			or always within close proximity of medical facilities. Sites	
			have adequate medical supplies for stabilising any patients	
			needing to be transferred to a hospital.	
			Method: Interview site manager and check first aid kit.	
Allergic reaction to food	М	Н	All participants to submit dietary and allergy information prior	
			to the expedition. Where allergies are serious (e.g. severe nut	
			allergies), no trigger foods to be prepared or served whilst the	
			relevant participant is on-site (e.g. a total nut ban).	
			Method: Interview site manager	
Lack of hygiene increasing risk of	L	М	Participants sleep in dorm rooms with flushing toilets and	
disease			showers and will be briefed on the importance of washing	
			hands thoroughly before meal times.	
			Method: Direct observation	
Safety and security of	L	Н	Valuables should not be left lying around. Guards or Opwall	
participants and personal			staff members will always be present on site. If	
belongings	1	1		
incinilliga			accommodation has lockable rooms then this should be done	

		Method: Check with site manager that this was included in welcome briefing	
Dog or cat bite whilst on site or at the beach	L	All participants advised not to approach, handle or feed dogs or cats at the beach. All advised not to feed any domesticated dogs onsite.	
		Method: Check that this is included in welcome briefing	
Insufficient communication facilities	L	Emergency phone charged and kept with a copy of emergency numbers.	
		Method: Interview site manager	

### Diving & Snorkelling – Completed by...... Date............

Risk	Likelihood	Severity	Mitigation measures	Assessment Method	Compliancy (Action to
					be taken if not
					compliant)
Injury caused by falling tank	M	М	All tanks should be laid down when they are not being held.		
			Method: Direct observation during kit-up		
Inappropriate pre-dive check	L	Н	Buddy dive equipment checks to be done for all divers prior to		
			entering the water and these to be checked by supervising		
			dive staff		
			Method: Direct observation of pre-dive safety check		
Becoming separated whilst diving	L	M	All divers receive a full briefing about the times, dive profile,		
			possible currents and what to do in the event of becoming		
			separated.		
			Method: Direct observation of pre-dive safety check		

Injury during entry/exit from	L	М	Water entry exit points are assessed for safety given the	
water			current water conditions before each dive/snorkel by	
			responsible dive staff.	
			Method: Interview site manager	
Lack of supervision during dive	L	Н	All dive trainers in the water at a ratio of 1 Dive Instructor and	
training			1 Dive Master per 8 students. Dive instructor or dive master	
			to remain close to group and monitor group at all times.	
			Method: Check logs of dive groups	
Lack of supervision during dives	L	Н	All qualified divers in the water with a Divemaster per 6	
			students. Dive instructor or dive master to remain close to	
			group and monitor group at all times.	
			Method: Check logs of dive groups	
Lack of cover for divers	L	Н	For boat dives: boat to maintain visual contact with dive	
			groups on the surface and to have sufficient oxygen, trained	
			personnel in oxygen delivery and a First Aid kit. All dive	
			professionals to be briefed to make every effort to surface as	
			near to the boat as safely possible. Shore dives to always have	
			a sign out system where an alarm is raised if the group are not	
			back on time.	
			Method: Interview dive ops manager	
Are all divers checked to ensure	L	M	The boat roster is completed pre-dive with starting air and	
they have not exceeded 18m			post-dive with final air, time, safety stop check and max depth	
depth, maximum dive time of 50			for all dives.	
minutes, stopped at 5m for 3				
minutes and have 50 bar/700psi			Method: Direct observation of dive logs, and direct	
remaining in the tanks at the end			observation of pre-dive briefings	
of the dive?				
Lack of understanding signals	M	М	Some dive professionals will use different signals, so it is	
			important that a standard is kept for all. Briefings given prior	
			to dive.	

			Method: Interview dive ops manager/Dive Masters	
Marine Fauna accident	L	Н	All participants briefed on dangers of marine flora and fauna.	
			Wetsuits or rash guards used for protection. Suitable foot	
			wear always used when walking in the water. Boats equipped	
			with suitable equipment and emergency supplies to respond	
			to a marine fauna accidents. Medics and dive staff briefed on	
			correct techniques for handling Marine Fauna accidents, and	
			laminated emergency flow charts kept in key places.	
			Method: Check that this is included in welcome briefing.	
			Interview site manager/dive ops manager	
Injury during snorkelling from	L	VH	Clear briefings on designated snorkelling areas and need to	
boats			stop and check for boats every few minutes.	
			Method: Interview dive ops manager/Dive Masters	
Becoming lost while diving	L	VH	Dive boat leader fully completes the Dive roster prior to each	
			dive trip with a copy left on base. Dive roster on board the	
			boat is completed before and after each dive. All divers to	
			have a safety sausage attached to a reel with them. Dive	
			leader assesses the conditions and briefs the divers prior to	
			each dive. If conditions indicate strong currents an alternative	
			dive site is to be chosen or the trip aborted. Always at least 2	
			boat staff members on board at all times. Boat staff are	
			briefed regarding the dive plan before each dive, and that at	
			least one boat staff member is on lookout for surfacing divers	
			at all times. Ensure that everybody is back on the dive boat at	
			the end of each dive before boat moves on.	
			Method: Interview dive ops manager/Dive Masters	
Becoming lost while Snorkelling	L	Н	All snorkelers must sign in and out and be covered by a staff	
			member (see below)	
			Method: Direct observation of white board sign out/in,	
			Interview dive ops manager	

Lack of supervision for snorkelling L	ш	Depending on the location this may be shore cover / boat	
		•	
groups		cover / in-water supervision. All snorkelers must be in groups	
		of two or more and the group or supervisor (who should have	
		an appropriate water rescue qualification) must carry an SMB.	
		For night-snorkels, each pair to have a torch, and supervision	
		must be provided both in water and on shore with a	
		maximum ratio of 1:6.	
		Method: Interview dive ops manager	
Dive Tank Air contamination L	Н	Ensure all compressor maintenance is carried out by the	
through a faulty compressor		Authorised Staff Only Ensure that air quality from the	
		compressors is tested before the start of the season and the	
		results of these tests filed on site	
		Method: Interview dive ops manager	
Explosion when filling dive tanks L	VH	Ensure that all dive tanks used are serviced before the start of	
		the season.	
		Method: Interview dive ops manager	
Incorrect storage of oxygen could L	VH	Ensure the use of non-flammable lubricants. Ensure that the	
lead to explosion	• • • • • • • • • • • • • • • • • • •	cylinders are secure and not at risk of falling. Ensure that a	
icaa to explosion		strict no smoking policy is enforced in the vicinity of all the	
		oxygen facilities. Ensure that no untrained personnel are	
		involved with the storage or administration of oxygen	
		Method: Interview dive ops manager	

## Natural disaster risk – Completed by...... Date...... Date......

Risk	Likelihood	Severity	Mitigation measures	Assessment Method	Compliancy (Action to
					be taken if not
					compliant)
Typhoon, cyclone or severe weather	L		Weather monitored by Indonesia Country Coordinator using the info BMKG app or equivalent, and any severe weather		

			forecasts are relayed to Opwall site staff. If weather is severe	
			but camp safety is not compromised then activities to be	
			restricted until it has passed. If impending weather conditions	
			to are sufficiently serious to warrant an evacuation of	
			personnel from the survey sites, then instructions to be given	
			to remove all staff and volunteers to the nearest government	
			assigned evacuation point. Ensure senior staff on site regularly	
			communicate with Country Manager regarding weather	
			issues.	
			Mathada latan ing atau atau ang ang	
			Method: Interview site manager	
Earthquake	VL	VH	Country manager and site managers with cell phone signal to	
			have Earthquake+ app or suitable alternative in order to	
			enable immediate notification in the event of an earthquake	
			at any of the sites, so that support can be arranged if needed.	
			Communication via GPS messenger service to be available at	
			sites without cell phone signal. Alarm system available in each	
			camp so that all teams can be recalled and assembled in the	
			event of an earthquake. Assembly location to be detailed in	
			site operating procedures and explained to all participants as	
			part of the health and safety briefing on arrival.	
			Method: Interview site manager, view site operating	
			procedures, view health and safety presentation given on	
			participant's arrival	
Tsunami	VL	VH	Country manager and site managers with cell phone signal to	
			have Earthquake+ app or suitable alternative in order to	
			enable immediate notification in the event of an earthquake	
			that could trigger a tsunami. Communication via GPS	
			messenger service to be available at sites without cell phone	
			signal so that notification can be sent immediately if needed.	
			If an earthquake above magnitude 7.0, shallower than 70km	
			below the surface of the earth should occur in the "danger	
			zone" for any of the sites (i.e. where there is a clear stretch of	
			water between the earthquake's occurrence and the site)	
			install settled in the earthquake a became need and the site)	

then evacuation procedures are to be initiated immediately. These procedures are to be detailed in the site operating procedures for each camp and explained clearly to participants on arrival in the health and safety briefing.	
Method: Interview site manager, view site operating procedures, view health and safety presentation given on participant's arrival	