FIELDWORK RISK ASSESSMENT FORM

FIELDWORK DETAILS

Protocol #

Protocol Title:

Principal Investigator (PI):

PI Phone Number:

Date(s) of activity: From: / / To: / /

Fieldwork Location:

Location Assessed By: **Date Assessed: / /**

Description of Fieldwork:

Acknowledgement of Participating Personnel (add additional pages if necessary)

I, the undersigned, have been trained on this risk assessment and understand the known or potential risks involved with participating in the protocol activities.

Name (please print)	Signature

Step 1 – Consider the Consequences

What are the consequences of this incident occurring? Consider what could reasonably happen. Look at the descriptions and choose the most suitable consequence.

CONSEQUENCES

Consequence	Description
Major	Death and extensive injuries
Moderate	Medical treatment
Minor	First aid treatment
Insignificant	No treatment

Step 2 – Consider the Likelihood

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.

LIKELIHOOD

Likelihood	Description
A	The event is expected to occur in most circumstances
B	The event could occur at some time
C	The event could occur, but only rarely
D	The event may occur, but probably never will

Step 3 – Calculate the Risk

1.Take step 1 rating and select the correct column
2.Take Step 2 rating and select the correct line
3. The risk score is where the two ratings cross on the matrix below. Add risk to chart.
E = Extreme, H= High, M = Medium,
L = Low N = Negligible

LIKELIHOOD	CONSEQUENCES: Maj	Mod	Min	Ins
A	E	E	H	M
B	E	H	M	M
C	H	M	M	L
D	M	M	L	N

STEP 1: IDENTIFY POTENTIAL AND EXISTING HAZARDS

Select applicable hazards and assess their individual risk as extreme, high, medium, low or negligible by using the risk assessment matrix provided above. Space has been provided to list additional Hazards.

	Environmental Hazards	Risk		Field Activity Hazards	Risk		Other	Risk
☐	Hot environment (high UV, heat stress, dehydration)		☐	Project animals (bites, kicks, biological fluids, zoonotic disease)		☐	Communication failure	
☐	Cold environment (frost bite, hypothermia)		☐	Project activities (boating, swimming, climbing, all terrain vehicles)		☐	Transportation failure	
☐	River or lake crossing		☐	Capture/restraint equipment (darts, traps, guns)		☐	Participant injury/illness	
☐	Allergens (pollen, poison ivy, wild parsnip)		☐	Use or storage of hazardous chemicals (disinfectants, anesthetics, medications)		☐	Working alone	
☐	Extreme weather (tornadoes, hurricanes)		☐	Fatigue (driving long hours)		☐	Violent persons	
☐	Terrain (wetlands, secluded areas, high cliffs, dense brush)		☐	Hazardous equipment (hammers, drills)		☐	Distance from emergency medical care	
☐	Vector-borne diseases (West Nile virus, Lyme disease)		☐	Manual work (lifting, pushing, pulling, digging)		☐	Non-potable water and inedible food	
☐	Bites & stings (ticks, leeches, spiders, bees)		☐			☐		
☐	Contaminated land or water		☐			☐		
☐	Wildlife (venomous snakes, scorpions, animal bites, Zoonotic disease)		☐			☐		
☐	Fencing (wire, electric, high)		☐			☐		
☐			☐			☐		
☐			☐			☐		

Step 2: RISK CONTROL AND ACTIONS

For hazards identified in Step 1, please list appropriate controls to eliminate or lessen the risk to project personnel.

Priority	Control	Example
1.	Eliminate	Removing the hazard.
2.	Substitute	Replacing a hazardous process with a less hazardous one.
3.	Isolation	Isolating the hazard from the person at risk
4.	Engineering	Redesign a process or piece of equipment to make it less hazardous.
5.	Administrative	Adopting safe work practices and providing appropriate training and instruction.

Hazard	Problem	Controls
EXAMPLE: Working in/near water	Drowning	Provide appropriate safety equipment, work in pairs, report back to PI/Supervisor when task is completed

STEP 3: OVERALL RISK ASSESSMENT

Taking into account the hazards identified in Step 1 and the likelihood and consequences of the hazards, assess the overall risk of the field activity.

- ☐ Negligible Risk
- ☐ Low Risk
- ☐ Medium Risk
- ☐ High/Extreme Risk

Provide copies of risk assessment to all research staff. All participants must have the minimal level of skill, experience, training, and physical fitness to safely perform the field activities. All training must be documented.