

Field Hazard Identification Form

Objective: This form should be used to communicate hazards and required safety measures to field researchers prior to travel. The completed form should be provided to all of the field researchers. A copy of this form should be kept by the lab director.

Tip: To use this document, click **File > Make a Copy** and save to your Drive.

Location of Field Research:

Department Date	
Department Date:	

Lab Director (or Representative) Name	
Office Phone Number	
Cell/After Hours Phone Number	
E-mail Address	
Field Communication Method	

TEAM MEMBER				
TITLE/POSITION				
CONTACT INFORMATION				
EMERGENCY CONTACT				
CONTACT INFORMATION				

Field Rules and Responsibilities	
Field Specific Training Plan	
Field Activities and Itinerary	
Communication Plan	



Field Equipment and Supplies

EQUIPMENT	QUANTITY	LOCATION(S)
<i>Example: First Aid Kit</i>	<i>Example: 1</i>	

Field Hazard Identification and Controls

- Hazards associated with conducting regular field activities (check all that apply and provide description and controls to be used).
- Examples of controls include:

ENGINEERING	ADMINISTRATIVE	PERSONAL PROTECTIVE EQUIPMENT
• Walls • Mufflers • Noise Reducing Insulation • Machine Guards • Other	• Rotating Schedules • Vaccinations • SOP's • Training • Other	• Gloves • Safety Glasses/Sunglasses • Fall Protection Harness • Reinforced-toe Shoes • Other

Activity Hazards

ACTIVITY HAZARD	DESCRIPTION	CONTROL(S)
Use of mechanical equipment		
Strenuous physical activity		
Driving a vehicle (If off road, please indicate)		

**Activity Hazards**

Use of tools (axes, saws, picks, etc.)		
Use of chemicals		
Noise exposure		
Lone worker		
Night work		
Work with animals		
Work potentially involves human, plant, animal infectious agents, or other biological hazards (indicate)		
Use of boat or diving equipment		
Excavation, trenching, or other confined space		
Carrying/Use of Firearms or other weapons		
Other (indicate)		

Location Hazards

LOCATION HAZARD	DESCRIPTION	CONTROL(S)
Limited access to reliable means of communication		
Personal security issues		
Travel to private property		
Limited access to potable drinking water and appropriate food storage		
Animal encounter (indicate species)		
Poisonous plant encounter (indicate species)		
Camping outdoors		
Roadside work		
Use of fire, or other hot work activities		

**Location Hazards**

Hiking over uneven terrain		
Technical climbing		
Proximity, crossing, or entering a body of water		
High elevation		
Potential for wildfires		
Underground area (e.g., cave, mine)		
Canyon, valley, or floodplain		
Work at height (fall potential of >6 feet)		
Sun/UV exposure		
Extreme heat		
Extreme cold		
Potential of being outside during a storm		
Potential of severe storms (e.g., tornado)		
Travel to a country with an active travel alert or warning from the U.S. State Department		
Other (indicate)		

Health Hazards

HEALTH HAZARD	DESCRIPTION	CONTROL(S)
Work could exacerbate pre-existing health concerns		
Potential for allergic reaction		
Potential for dehydration		
Potential exposure to vector-borne disease (see below)		
Potential exposure to other endemic diseases (indicate)		
Other (indicate)		

DISEASE	VACCINATION(S)/PROPHYLAXIS

Team Signatures

	Signature	Date
Written by:		
Read and Understood by:		
Accepted by:		

Instructions

The **General Information** section provides basic information about the field activities.

Contact Information should be completed for all members of the field team.

Field Rules and Responsibilities are set by the lab director and should cover conduct and any site-specific guidelines, including requirements for off-duty hours. For example: When lodging at the National Park, researchers are expected to not intentionally damage or disturb vegetation, wildlife, or natural formations. Researchers will not collect samples in this location.

Field Activities and Itinerary should include the scope of the expected work and a schedule of the trip. For example: Field activities include sampling sand in ten locations (list) along the Chesapeake Bay. The trip will start at 9:00 am 2/4 and will conclude by 5:00 pm 2/5. Lodging on 2/4 will be at a reserved campsite in State Park.

Communication Plan should indicate how frequently and how the field team members should check-in with the university contact or lab director.

Field Equipment and Supplies should be a checklist for all required materials that should be taken on the field expedition, indicating if the items are to be supplied by the lab director/department or personally by the researcher. For example: Auger (department), Tent (lab director), Sleeping bag (researcher). The Location of each piece of equipment should also be noted e.g., Van, Tent, Backpack, etc. so that items may be easily located.



The **Field Activity Hazard Identification** section is where all of the potential hazards that may be present during field activities are identified. The description should include the scope of the hazard with respect to the field activity. For example, if you select “Strenuous physical activity” an appropriate description could be: Long hikes, 50-lb. pack, activities for 10 days, etc.

If a hazard is identified, appropriate safety measures to control this hazard should be described in the control(s). Use the hazard fact sheets located on our website to help choose safety controls for specific hazards. For example, if you select "Animal Encounter"-Summary: May encounter poisonous sea urchins.

Personal Protective Equipment could include Puncture-resistant Gloves.

Other Safety Measures could include Scientific Dive First Aid Training; No lone work can be conducted in this area.

If you need assistance in identifying hazards or choosing appropriate safety measures, contact EHS.